

The Eighth Major group: Plant and machine operators, and assemblers



Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8111	Miners and quarriers
Occupation	811101	Mining worker

Occupation summary

Operate mobile or truck-mounted drilling machines in mines and perform drilling operation according to the instructions of supervisors, maintain work tools and equipment, and adhere to manuals, procedures, standards, policies and general safety rules.

Main accountabilities

1	Operate and monitor mobile or truck mounted drilling or cutting machines in mines, quarries or construction sites, monitor these machines, and verify technical specifications of materials used.
2	Execute drilling operation according to the instructions of supervisors, check the progress of work during drilling operations, and combat and correct any problems related to drilling by operating secondary equipment.
3	Conduct routine inspections under preventive maintenance, define problems and take corrective actions.
4	Maintain and sustain of work tools and equipment and ensure their optimal use.
5	Comply with manuals, procedures, specifications manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Excavating machine
3	Self Development	3	Blasting
4	Perseverance	4	Machine operation (metal and minerals industry)
5		5	Rigging

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8111	Miners and quarriers
Occupation	811102	Stonecutter

Occupation summary

Construct stone structures such as columns and walls, and maintain and repair stone structures.

Main accountabilities

1	Perform vertical and horizontal alignment using plumb, measuring line and leveling scale.
2	Form and cut marble or stone, and use electric saws, shearing equipment and other tools.
3	Adjust the building stone or marble in place and fix it by mortar and gypsum.
4	Spread the mortar using trowel to fill the blanks and holes between the stones, and remove the mortar and excess plaster from the surface.
5	Inspect structures to identify repairs required, repair and replace damaged or worn parts.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Construction work
3	Self Development	3	Foundation reinforcement
4	Perseverance	4	Granite masonry
5		5	Stone setting

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8111	Miners and quarriers
Occupation	811103	Worker of installing mine ceilings

Occupation summary

Install roof trusses in mine wells, and test the tensile strength of bolts already installed.

Main accountabilities

1	Ensure that appropriate safety jacks are installed to support mine surfaces until the bolts are fixed, adjust the position of the bolt fixer, and place the drill bits in holes.
2	Drill holes for screws in mine surfaces at certain distances from adjacent ribs or bolts using hydraulic and reinforced machines.
3	Tighten the ends of the gable screws using anchors, and rotate the envelopes to wrap the screws and open expansion heads inside the rock formations.
4	Test the bolts to confirm the specified tensile level using torque wrenches, and push the bolts into the drilled holes using hydraulic machines and screw fixing tools.
5	Conduct routine inspections of workplaces, actions that fall under preventive maintenance, diagnose failures and potential corrosion, take corrective action, and report and correct dangerous situations.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Mining
3	Self Development	3	Sub-ceiling fitting
4	Perseverance	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8111	Miners and quarriers
Occupation	811104	Mine machines operator

Occupation summary

Operate, monitor and maintain multifunction controllers, and control material production.

Main accountabilities

1	Operate mining machinery and equipment using multifunction controllers.
2	Monitor indicators on control panels, ensure production stability within acceptable and predetermined parameters, and take corrective action if necessary.
3	Report the safety and reliability of equipment.
4	Perform routine inspections under preventive maintenance, diagnose of malfunctions and potential corrosion, and take corrective action.
5	Clean, lubricate and calibrate service equipment, perform basic maintenance, and notify maintenance technicians or mechanics of breakdowns.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Material and production control
3	Self Development	3	Operational monitoring
4	Perseverance	4	Operations management
5		5	Reporting

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8112	Mineral and stone processing plant operators
Occupation	811201	Crusher operator

Occupation summary

Operate the ore crusher extracted from mines and quarries according to the required sizes, monitor its performance, ensure the quality of production and maintain safety.

Main accountabilities

1	Operate and monitor the crusher machines and follow up the crushing process.
2	Receive and sort ores extracted from mines and quarries.
3	Prepare the crusher according to the required product size and feed it by raw materials.
4	Adjust the speed of the crusher according to the type of raw and its size.
5	Clean, lubricate the crusher, and follow public health, safety and environment policies and procedures

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Rock breaking
3	Self Development	3	Stone blocks Cutting
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8112	Mineral and stone processing plant operators
Occupation	811202	Ore Mineral Mill Operator

Occupation summary

Operate the ore mill, observe the grinding process, serve the ore mill, ensure the production quality, and maintain the safety.

Main accountabilities

1	Run and monitor the mill and follow the grinding process.
2	Receive the raw materials from the crusher.
3	Process the mill according to the type and size of the materials to be grinded, and feed the mill with raw materials.
4	Adjust the speed of the mill according to the raw to be grinded.
5	Operate the dust separation system from the mill, follow up the process of separating impurities and evaporation, and follow the public health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Milling of ore
3	Self Development	3	Minerals technology
4	Perseverance	4	Ore flotation
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8112	Mineral and stone processing plant operators
Occupation	811203	Screening machine operator

Occupation summary

Operate screening machines and process control, ensure production quality and maintain safety.

Main accountabilities

1	Run the screening machine, control the control panel, follow the operations and inspect the aggregate volume.
2	Inspect conveyor skimmers and screeners, inspect the screening suitability of the size of the aggregate, and issue a warning to start work.
3	Operate the screening lines at the specified speed according to the type of aggregate.
4	Clean sieves and conveyors
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Grinding (CNC)
3	Self Development	3	Coarse crushing of ore
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8112	Mineral and stone processing plant operators
Occupation	811204	Stone processing machine operator

Occupation summary

Operate stone processing machines, with the purpose of processing to produce the required materials, ensure the quality of production and maintain safety.

Main accountabilities

1	Operate stone processing machines, such as crushers, separators and mixers in the laboratory, for processing and production of specific materials, and ensure that the materials comply with technical specifications.
2	Conduct routine inspections under preventive maintenance, define problems and take corrective actions.
3	Clean, and calibrate equipment, and perform basic maintenance.
4	Notify maintenance technicians or mechanics of faults, and keep a record of work performed
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Sampling
3	Self Development	3	Geophysical interpretation
4	Perseverance	4	Resource Estimation
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8113	Well drillers and borers and related workers
Occupation	811301	Offshore drilling rig

Occupation summary

Drill and process marine wells, and apply occupational safety procedures and instructions.

Main accountabilities

1	Install the appropriate dredger head and determine the amount of drilling
2	Drill wells at the depth specified by the drilling technician.
3	Determine the type of lining wells, and coordinate with all relevant parties.
4	Clean the dredger according to the regulated procedures.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Rigging
3	Self Development	3	Water drilling
4	Perseverance	4	Well-drilling
5		5	Oil spill removal

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8113	Well drillers and borers and related workers
Occupation	811302	Oil and gas production machinery operator

Occupation summary

Operate oil and gas production machines, control assembly and pressure systems, organize flow and pressure of oil and refined products in pipelines, and test oil and refined products.

Main accountabilities

1	Control equipment operation, operate liquefaction and pressure equipment, gas extraction or extraction equipment, operate pumps, valves and pipes for gas transportation.
2	Monitor the equipment functional work, monitor temperature, level, flow and other variables, identify necessary adjustments and report problems.
3	Set up start and stoppage of operations, and control the refinery.
4	Provide support during the collection of oil samples and refined products, and arrange the process of conducting tests to verify the qualities and varieties of products.
5	Assist in the maintenance work of the plant, perform inspections and arrange for the maintenance of plant equipment, ensure compliance with public health, safety and environment policies and procedures, and control the transport and storage of hazardous products.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Reliability Engineering
3	Self Development	3	Oil tank (operation)
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8113	Well drillers and borers and related workers
Occupation	811303	Drilling ground wells

Occupation summary

Drill and process wild wells, drilling service, apply occupational safety procedures and instructions.

Main accountabilities

1	Determine the amount of drilling fluids, and install the appropriate drilling head
2	Drill wells at the depth specified by the drilling technician.
3	Determine the type of lining wells, and coordinate with all relevant parties.
4	Clean the dredger according to the regulated procedures.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Well-drilling
3	Self Development	3	Rigging
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8113	Well drillers and borers and related workers
Occupation	811304	Operator of oil and gas well drilling machines

Occupation summary

Operate oil and gas drilling rigs and perform drilling tasks, including monitoring instruments, collecting samples, ensuring safety, and implementing emergency procedures.

Main accountabilities

1	Operate the rigs in the drilling platforms to lift and lower the pipes and cover the drill pipes inside and outside the well, prepare the drilling fluid and operate pumps and other equipment.
2	Assemble, dismantle and transport the drilling platforms and sub-equipment.
3	Maintain records of the depths excavated, the location and nature of the penetrating layers, the materials and tools used, the services provided and the time required.
4	Collect samples from penetrating depths during drilling for laboratory analysis.
5	Repair drilling rigs, pumps, cranes and other machinery and comply with public health, safety and environment procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Water drilling
3	Self Development	3	Rigging
4	Perseverance	4	Oil drilling
5		5	Oil spill removal

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8113	Well drillers and borers and related workers
Occupation	811305	Operator of Water Well Drilling Machines

Occupation summary

Operate offshore drilling rigs and perform drilling tasks, including instrumentation control, sample collection, and safety insurance.

Main accountabilities

1	Operate rotary excavators, monitor pressure gauges, prepare drilling fluids and operate pumps and other equipment.
2	Assemble, dismantle and transport the drilling platforms and sub-equipment.
3	Maintain records of the depths excavated, the location and nature of the penetrating layers, the materials and tools used, the services provided and the time required.
4	Collect samples from penetrating depths during drilling for laboratory analysis.
5	Repair water drilling platform, pumps, cranes and other machinery comply with public health, safety and environment procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Rigging
3	Self Development	3	Multiple drilling
4	Perseverance	4	Water drilling
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8113	Well drillers and borers and related workers
Occupation	811306	Worker of lining oil and gas wells

Occupation summary

Operate oil and gas well lining equipment, such as air, water and mud pumps, perform simple maintenance tasks, and keep cleaning the drilling rig.

Main accountabilities

1	Operate machines and collect samples for laboratory analysis.
2	Prepare the drilling platform floor during operations as directed by the drilling operator.
3	Perform simple maintenance and repair work on drilling rig equipment, perform cleaning tasks of drilling rig components, offices and accommodations.
4	Comply with public health, safety and environment procedures, identify and report risks, implement emergency procedures, and take corrective measures.
5	Transport materials and equipment to and from the work site, load and unload goods.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Multiple drilling
3	Self Development	3	Oil drilling
4	Perseverance	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8113	Well drillers and borers and related workers
Occupation	811307	Worker of Lining Water Well

Occupation summary

Operate the machines lining water wells, such as air, water and mud pumps, perform simple maintenance tasks, and keep cleaning the drilling platform.

Main accountabilities

1	Perform pump operations to assist drilling workers and others.
2	Prepare the drilling platform floor during operations as directed by the drilling operator.
3	Perform simple maintenance and repair work on drilling rig equipment, perform cleaning tasks of drilling rig components, offices and accommodations.
4	Comply with public health, safety and environment procedures, identify and report risks, implement emergency procedures, and take corrective measures.
5	Transport materials and equipment to and from the work site, load and unload goods.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Multiple drilling
3	Self Development	3	Water drilling
4	Perseverance	4	Production planning (manufacturing)
5		5	Materials control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8113	Well drillers and borers and related workers
Occupation	811308	Operator of well pump

Occupation summary

Inspect the well pump and its readiness to operate and operate, open the inlet and outlet valves, monitor the pump performance, and implement preventive maintenance procedures for the pump.

Main accountabilities

1	Check the pump wells and make sure they are ready to work.
2	Start the pump and open the inlet and outlet valves.
3	Monitor pump performance and inform maintenance when a problem is suspected.
4	Record and document working hours.
5	Implement preventive maintenance programs for the pump according to the manufacturer's instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Operating water and sewage pump
3	Self Development	3	Pump technology
4	Perseverance	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8114	Cement, stone and other mineral products machine operators
Occupation	811401	Cement production machine operator

Occupation summary

Operate, control and maintain cement production machinery, and ensure production quality and safety.

Main accountabilities

1	Verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts.
3	Identify problems and take corrective action
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machinery operation (ore processing)
3	Self Development	3	Cement manufacturing
4	Perseverance	4	Batch mixing
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8114	Cement, stone and other mineral products machine operators
Occupation	811402	Concrete production machine operator

Occupation summary

Operate, monitor and repair machines of weighing and mixing sand and gravel, concrete, water and other components for making industrial brick, operate industrial brick production machines, and ensure production quality and safety.

Main accountabilities

1	Operate and monitor concrete production machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts.
3	Identify problems and take corrective action
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Concrete technology
3	Self Development	3	Concrete casting
4	Perseverance	4	Concrete pumps
5		5	Production planning (manufacturing)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8114	Cement, stone and other mineral products machine operators
Occupation	811403	Operator of stone and metal products production machine

Occupation summary

Operate, control and maintain stone and metal production machines and ensure production quality and safety during all related operations.

Main accountabilities

1	Operate industrial machinery for the production of stone and metal products in accordance with the policies and procedures governing it and in accordance with the approved production plans.
2	Verify that products conform to technical specifications.
3	Conduct routine preventive maintenance inspections to detect damage in parts.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine Operating
3	Self Development	3	Process monitoring
4	Perseverance	4	Production planning (manufacturing)
5		5	Tiles and clinkers

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	811	Mining and mineral processing plant operators
Unit group	8114	Cement, stone and other mineral products machine operators
Occupation	811404	Cement brick production machine operator

Occupation summary

Operate, monitor and maintain cement brick production machines and ensure production quality and safety during all related operations.

Main accountabilities

1	Operate industrial machines for the production of industrial bricks in accordance with the policies and procedures governing it and in accordance with the approved production plans.
2	Verify that products conform to technical specifications.
3	Conduct routine preventive maintenance inspections to detect damage in parts.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine Operating
3	Self Development	3	Process monitoring
4	Perseverance	4	Production planning (manufacturing)
5		5	Tiles and clinkers

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8121	Metal processing plant operators
Occupation	812101	Operator of ore smelter

Occupation summary

Operate, control and maintain furnaces and smelters for melting and polishing metals prior to casting, and ensure production quality and safety.

Main accountabilities

1	Operate and control furnaces and smelters for melting and polishing metals before casting.
2	Verify that the product conforms to technical specifications.
3	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Furnace
3	Self Development	3	Electro-steel furnace
4	Perseverance	4	Refining
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8121	Metal processing plant operators
Occupation	812102	Metal Casting Machine Operator

Occupation summary

Operate, control and maintain metal forming and casting machines for forming or casting metal products, and ensure quality and safety of production.

Main accountabilities

1	Operate and control metal casting equipment, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean equipment and perform basic maintenance.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Die casting
3	Self Development	3	Melting metals
4	Perseverance	4	Moulding core (manufacturing)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8121	Metal processing plant operators
Occupation	812103	Metal rolling machine operator

Occupation summary

Operate metal rolling machines to bend or spread metal products, and ensure the quality and safety of production.

Main accountabilities

1	Operate metal extrusion machines, check the product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean equipment and perform basic maintenance.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Cold-rolling
3	Self Development	3	Four-high mill
4	Perseverance	4	Operational monitoring
5		5	Punching tools (manufacturing)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8121	Metal processing plant operators
Occupation	812104	Metal Extrusion Machine Operator

Occupation summary

Operate metal extrusion machines for drilling or sawing metal products, and ensure the quality and safety of production.

Main accountabilities

1	Operate metal rolling machines, check product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean equipment and perform basic maintenance.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Extrusion
3	Self Development	3	Extruding
4	Perseverance	4	Metal sawing
5		5	Punching tools (manufacturing)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8121	Metal processing plant operators
Occupation	812105	Operator of metal heat treatment machine

Occupation summary

Operate, control and maintain metal heat treatment machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate heat treatment machines for metals, and verify the conformity of conditions to heat treatment.
2	Adjust the furnace temperature and the metal stay time as instructed.
3	Monitor the process, inspect metals and sort waste.
4	Clean equipment and perform basic maintenance.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Tempering
3	Self Development	3	Process control
4	Perseverance	4	Operational monitoring
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8121	Metal processing plant operators
Occupation	812106	Operator of metal forging machine

Occupation summary

Operate the returned forging machine according to the regulated procedures and ensure its maintenance and maintenance according to the policies and procedures regulating it.

Main accountabilities

1	Operate, equip and service metal forging machines according to work requirements.
2	Monitor machine performance during production.
3	Clean and lubricate the machine according to the instructions.
4	Maintain and sustain the work tools and equipment and ensure their optimal use.
5	Comply with manuals, procedures, specifications manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Ironware work
3	Self Development	3	Press forging
4	Perseverance	4	Tempering
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8122	Metal finishing, plating and coating machine operators
Occupation	812201	Metal Finishing Machine Operator

Occupation summary

Operate, control and maintain metal finishing machines, and ensure production quality.

Main accountabilities

1	Operate and control metal cleaning machines to prepare metals for electroplating, galvanizing or polishing.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean equipment and perform basic maintenance.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Metal polishing
3	Self Development	3	Surface grinding
4	Perseverance	4	Optical checking of metal products
5		5	Blanking and piercing (sheet metal)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8122	Metal finishing, plating and coating machine operators
Occupation	812202	Metal Coating Machine Operator

Occupation summary

Operate and control metal coating and galvanizing machines to protect against corrosion or for ornamental purposes, and ensure production quality and safety.

Main accountabilities

1	Operate and monitor the devices for coating or galvanizing metals with chromium, zinc, copper, cadmium, nickel or other metals, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean equipment and perform basic maintenance.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Chrome-plating
3	Self Development	3	Zinc plating
4	Perseverance	4	Nickel-plating
5		5	Tin-plating

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8122	Metal finishing, plating and coating machine operators
Occupation	812203	Metal Galvanizing Machine Operator

Occupation summary

Operate and control metal galvanizing machines, process metal parts to be galvanized, and inspect materials for galvanizing and preparing metals.

Main accountabilities

1	Prepare the chemical solutions necessary for the work and add them to the basins according to the instructions.
2	Monitor the voltage and voltage difference of the transformers.
3	Clean equipment and perform basic maintenance.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Galvanisation
3	Self Development	3	Tin-plating
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8122	Metal finishing, plating and coating machine operators
Occupation	812204	Metal polishing machines operator

Occupation summary

Operate and control metal polishing equipment, process metal parts to be polished, and inspect materials for polishing and preparing metals.

Main accountabilities

1	Check metal polishing equipment.
2	Install metal discs on the rotary machine.
3	Use sandpaper to polish metals.
4	Clean equipment and perform basic maintenance.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Calendering machine (operation)
3	Self Development	3	Metal polishing
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	812	Metal processing and finishing plant operators
Unit group	8122	Metal finishing, plating and coating machine operators
Occupation	812205	Metal boring Machine Operator

Occupation summary

Operate, control and maintain metal boring machines, and ensure production quality.

Main accountabilities

1	Operate and control metal boring machines for metal processing, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts.
3	Identify problems and take corrective action.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Blanking and piercing (sheet metal)
3	Self Development	3	Sheet-metal working
4	Perseverance	4	Metal polishing
5		5	Surface grinding

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813101	Chemical Industries Machine Operator

Occupation summary

Operate and control chemical industry machinery for mixing, processing and packaging chemical industries, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control chemical products machines, measure, weigh and feed components, and verify product conformity with technical specifications.
2	Prepare the chemical mixtures necessary for the work and add them to the basins according to the instructions.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Chemical-technical products
3	Self Development	3	Machine operation (chemical engineering)
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813102	Pharmaceutical production machine operator

Occupation summary

Operate and control pharmaceutical production machinery for mixing, processing and packaging pharmaceutical products, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control pharmaceutical products, measure and weigh pharmaceutical ingredients, and verify product conformity with technical specifications.
2	Verify that the product conforms to technical specifications.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Galenic pharmacy (preparation of pharmaceuticals)
3	Self Development	3	Pharmaceutical industry
4	Perseverance	4	Batch mixing
5		5	Mechanised packaging

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813103	Cosmetics production machine operator

Occupation summary

Operate and control cosmetic production machinery to control the mixing, processing and packaging cosmetics, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control cosmetic machines, measure and weigh ingredients, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hair care products
3	Self Development	3	Pharmaceutical industry
4	Perseverance	4	Perfumes and cosmetics
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813104	Paints production machine operator

Occupation summary

Operate and control paints production machinery, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control paints production machines, measure and weigh ingredients, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Read the composition of the mixtures, and determine the quantities of substances included in the composition by weight.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Wallpaper, paint and chemical products
3	Self Development	3	Chemicals (tank operation)
4	Perseverance	4	Hazardous material handling & storage
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813105	Fertilizer production machine operator

Occupation summary

Operate and control fertilizer production machinery, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control Fertilizer production machines, measure and weigh ingredients, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Read the composition of the mixtures, and determine the quantities of substances included in the composition by weight.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (chemical engineering)
3	Self Development	3	Chemicals (tank operation)
4	Perseverance	4	Hazardous material handling & storage
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813106	Chemical Mixing Machine Operator

Occupation summary

Operate and control chemical mixing machines, feed them with chemicals, inspect chemicals and additives.

Main accountabilities

1	Operate chemical mixing machines, process and control chemical mixing equipment.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Read the composition of the mixtures, and determine the quantities of substances included in the composition by weight.
4	Preview the mixture produced, and store it in the places allocated to it.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Batch mixing
3	Self Development	3	Chemicals (tank operation)
4	Perseverance	4	Hazardous material handling & storage
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813107	Chemical processing machine operator

Occupation summary

Operate, control and maintain chemical processing machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control chemical processing machines, process and monitor chemical processing equipment.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Read the composition of the mixtures, and determine the quantities of substances included in the composition by weight.
4	Treat chemical mixtures, and store it in the places allocated to them.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Industrial processing
3	Self Development	3	Chemicals (tank operation)
4	Perseverance	4	Hazardous material handling & storage
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813108	Chemical Filling Machine Operator

Occupation summary

Operate and control filling machines for chemical products, feed them with materials and packages necessary for packaging, serve the work site and apply safety procedures and instructions.

Main accountabilities

1	Operate and inspect machines for filling and sterilizing chemical products according to the instructions.
2	Feed the packing machines with the product to be filled.
3	Feed the packing machine with packing packages and materials suitable for the product according to the instructions.
4	Record the quantities of items produced and their types, and quantities of packaging materials consumed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (chemical engineering)
3	Self Development	3	Process monitoring
4	Perseverance	4	Batch mixing
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8131	Chemical products plant and machine operators
Occupation	813109	Explosives production machine operator

Occupation summary

Operate, monitor and maintain explosives production machines and ensure production quality and safety during all related operations.

Main accountabilities

1	Operate industrial machines for the production of explosives in accordance with the policies and procedures governing it and in accordance with approved production plans.
2	Verify that products conform to technical specifications.
3	Conduct routine preventive maintenance inspections to detect damage in parts.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine Operating
3	Self Development	3	Process monitoring
4	Perseverance	4	Production planning (manufacturing)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	813	Chemical and photographic products plant and machine operators
Unit group	8132	Photographic products machine operators
Occupation	813201	Photocopier production machine operator

Occupation summary

Operate and monitor machines that produce photographic films and develop photographic images.

Main accountabilities

1	Operate and monitor photographic processing and printing equipment.
2	Prepare films for processing in dark rooms.
3	Carry out the process of developing films manually or automatically, such as immersion of films and raw material (negatives) in chemical solutions.
4	Perform maintenance and minor repairs to equipment, such as cleaning and adding fluids.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Cameras and photographic articles
3	Self Development	3	Minilab (photographic developing and printing)
4	Perseverance	4	Microfilm
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8141	Rubber products machine operators
Occupation	814101	Rubber processing machine operator

Occupation summary

Operate, control and maintain machines for kneading, mixing and bending rubber compounds and production of components such as shoe molds or tires, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control rubber products equipment, and verify the compliance of the product with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (rubber and plastics industry)
3	Self Development	3	Vulcanisation
4	Perseverance	4	Batch mixing
5		5	



Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8141	Rubber products machine operators
Occupation	814102	Rubber processing machine operator

Occupation summary

Operate and maintain rubber products manufacturing machinery for rubber products, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control rubber products manufacturing machines, feed materials manufacturing machines , inspect parts produced, and ensure the quality and safety of production.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (rubber and plastics industry)
3	Self Development	3	Vulcanisation
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8141	Rubber products machine operators
Occupation	814103	Rubber lamination machine operator

Occupation summary

Run rubber lamination machines, and maintain them to get the desired product.

Main accountabilities

1	Operate rubber lamination machinery and equipment, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Lamination
3	Self Development	3	Vulcanisation
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8141	Rubber products machine operators
Occupation	814104	Rubber Forming Machine Operator

Occupation summary

Operate and control rubber forming machines, feed the forming machines with materials, inspect the produced rubber parts, and ensure the quality and safety of production.

Main accountabilities

1	Operate and process rubber forming machines and monitor them according to the instructions.
2	Inspect materials used in the rubber industry, and process them in the designated places.
3	Dismantle and install molds according to production plans.
4	Inspect the produced parts and isolate the ones which do not conform to the specifications.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (rubber and plastics industry)
3	Self Development	3	Rubber rolling
4	Perseverance	4	Tempering
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8141	Rubber products machine operators
Occupation	814105	Rubber tire manufacturing machine operator

Occupation summary

Operate, control and maintain machinery for the manufacture of rubber tires, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control rubber tire manufacturing machinery and equipment, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Retreading
3	Self Development	3	Cutting-out (tyre rubber)
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8141	Rubber products machine operators
Occupation	814106	Used tires reconstruction worker

Occupation summary

Reconstruct used tires, and ensure the quality and safety of production.

Main accountabilities

1	Operate equipment to reconstruct and monitor used tires, and verify product compliance with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Retreading
3	Self Development	3	Cutting-out (tyre rubber)
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8142	Plastic products machine operators
Occupation	814201	Plastic manufacturing machines operator

Occupation summary

Operate, control and maintain kneading and bending machines to obtain plastics, and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor equipment, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (rubber and plastics industry)
3	Self Development	3	Plastic assembly
4	Perseverance	4	Batch mixing
5		5	Plastic tools (manufacturing)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8142	Plastic products machine operators
Occupation	814202	Plastic products machine operator

Occupation summary

Operate and control plastic products manufacturing machines, feed them with plastic materials, and inspect raw and added plastic materials.

Main accountabilities

1	Operate production machinery, and process and monitor plastic materials equipment.
2	Inspect primary plastics such as polypropylene, polyethylene, and additives.
3	Read the composition of the mixtures, and determine the quantities of substances included in the composition by weight.
4	Inspect equipment, report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Preview the mixture produced, and store it in the places allocated to it.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (rubber and plastics industry)
3	Self Development	3	Plastic tools (manufacturing)
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8142	Plastic products machine operators
Occupation	814203	Plastic Mixing Machine Operator

Occupation summary

Operate and control plastic mixing machines, feed them with plastic materials, and inspect raw and added plastic materials.

Main accountabilities

1	Operate plastic mixing machines, process and control plastic mixing equipment.
2	Inspect primary plastics such as polypropylene, polyethylene, and additives.
3	Read the composition of the mixtures, and determine the quantities of substances included in the composition by weight.
4	Inspect plastic mixing equipment, report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Preview the mixture produced, and store it in the places allocated to it.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (rubber and plastics industry)
3	Self Development	3	Materials control
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8142	Plastic products machine operators
Occupation	814204	Plastic Forming Machine Operator

Occupation summary

Operate and control plastic forming machines, feed the forming machines with materials, inspect the produced plastic parts, and ensure the quality and safety of production.

Main accountabilities

1	Operate and process plastic forming machines and monitor them according to the instructions.
2	Inspect materials used in the plastic industry, and process them in the designated places.
3	Dismantle and install molds according to production plans.
4	Inspect the produced parts and isolate the ones which do not conform to the specifications.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (rubber and plastics industry)
3	Self Development	3	Plastic reinforcement
4	Perseverance	4	Tempering
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8142	Plastic products machine operators
Occupation	814205	Plastic Finishing Machine Operator

Occupation summary

Operate and maintain plastic finishing machines for plastics, and ensure the quality and safety of production.

Main accountabilities

1	Operate and control plastic product finishing machines, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform basic maintenance according to the regulated procedures.
4	Report faults to maintenance technicians or mechanics, and keep a record of work performed.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Plastic assembly
3	Self Development	3	Batch mixing
4	Perseverance	4	Plastic tools (manufacturing)
5		5	Mechanised packaging

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8143	Paper products machine operators
Occupation	814301	Paper manufacturing machine operator

Occupation summary

Operate and control paper and other paper products manufacturing machinery, and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor paper products equipment, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (typographical and paper industry)
3	Self Development	3	Paper products
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8143	Paper products machine operators
Occupation	814302	Paper pulp machine operator

Occupation summary

Operate paper pulp machines and other paper products, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor paper pulp machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (typographical and paper industry)
3	Self Development	3	Pulp machine
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8143	Paper products machine operators
Occupation	814303	Paper Drying Machine Operator

Occupation summary

Operate and control paper drying machines and other paper products, and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor paper drying machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Paper and pulp technology
3	Self Development	3	Pulp bleaching
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8143	Paper products machine operators
Occupation	814304	Cardboard manufacturing machine operator

Occupation summary

Operate cardboard manufacturing machines, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor cardboard processing machines, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products by sizes and orders, carry out testing procedures and ensure that the devices are working properly during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (wood and paper industry)
3	Self Development	3	Book board making
4	Perseverance	4	Batch mixing
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8143	Paper products machine operators
Occupation	814305	Paper lining machine operator

Occupation summary

Operate paper lining machines, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor paper lining machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (wood and paper industry)
3	Self Development	3	Paper rolling
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8143	Paper products machine operators
Occupation	814306	Paper cutting machine operator

Occupation summary

Operate paper cutting machines, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate the paper shearing machines to perform the shearing process according to the required sizes, control these machines, and verify the product conformity with the technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products by sizes and orders, carry out testing procedures and ensure that the devices are working properly during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (typographical and paper industry)
3	Self Development	3	Cutting-out (Paper and wood)
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	814	Rubber, plastic and paper products machine operators
Unit group	8143	Paper products machine operators
Occupation	814307	Paper Forming Machine Operator

Occupation summary

Operate paper forming machines, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate the paper forming machines to carry out the forming process according to the required specifications, monitor these machines, and verify the product conformity with the technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products by sizes and orders, carry out testing procedures and ensure that the devices are working properly during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (typographical and paper industry)
3	Self Development	3	Paper rolling
4	Perseverance	4	Cutting-out (Paper and wood)
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8151	Fibre preparing, spinning and winding machine operators
Occupation	815101	Yarn spinning Machine Operator

Occupation summary

Operate yarn spinning machine, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate the yarn spinning machines to complete the spinning process according to the required quantities and monitor these machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Slubbing/prespinning
3	Self Development	3	Spinning (open-end spinning)
4	Perseverance	4	Operational monitoring
5		5	Thread milling

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8151	Fibre preparing, spinning and winding machine operators
Occupation	815102	Thread Twisting Machine Operator

Occupation summary

Operate the thread twisting machine, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate the thread twisting machines to complete the twisting process according to the required quantities, monitor these machines, and verify that the product conforms to the technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Twinning
3	Self Development	3	Spinning (open-end spinning)
4	Perseverance	4	Operational monitoring
5		5	Thread milling

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8151	Fibre preparing, spinning and winding machine operators
Occupation	815103	Synthetic Fibers processing Machine Operator

Occupation summary

Operate the synthetic fiber processing machine, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate synthetic fiber processing machines according to the required quantities and specifications, monitor these machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Yarn manufacture
3	Self Development	3	Industrial textile and clothing
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8151	Fibre preparing, spinning and winding machine operators
Occupation	815104	Cotton ginning machine operator

Occupation summary

Operate, control and maintain cotton ginning machines, and ensure production quality and safety.

Main accountabilities

1	Operate the cotton ginning machines to easily separate cotton fibers from their seeds, monitor these machines, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Yarn manufacture
3	Self Development	3	Spinning (open-end spinning)
4	Perseverance	4	Operational monitoring
5		5	Thread milling

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8151	Fibre preparing, spinning and winding machine operators
Occupation	815105	Fiber processing machine operator

Occupation summary

Operate fiber processing machine, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate the fiber processing machines according to the required quantities, monitor these machines, and verify that the product conforms to the technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Spinning (open-end spinning)
3	Self Development	3	Industrial textile and clothing
4	Perseverance	4	Operational monitoring
5		5	Thread milling

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8151	Fibre preparing, spinning and winding machine operators
Occupation	815106	Operator of winding machine

Occupation summary

Operate the winding machine, control and maintain these machines, and ensure the quality and safety of production.

Main accountabilities

1	Operate the winding machines according to the required quantities, monitor these machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Yarns and sewing materials
3	Self Development	3	Machine operation (textile industry)
4	Perseverance	4	Operational monitoring
5		5	Thread milling

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8152	Weaving and knitting machine operators
Occupation	815201	Textile Machine Operator

Occupation summary

Control and operate a textile, velvet or carpet weaving machine.

Main accountabilities

1	Equip the weaving machine with weft yarn and samples of warp yarn.
2	Start the weaving machine and make sure it is ready.
3	Perform the weaving process and connect the cut yarns of various types.
4	Repair fabric defects during production according to the regulated procedures.
5	Clean and lubricate the textile machine.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (textile industry)
3	Self Development	3	Weaving
4	Perseverance	4	Operational monitoring
5		5	Textile technology

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8152	Weaving and knitting machine operators
Occupation	815202	Automatic loom operator

Occupation summary

Operate, control and repair automatic loom, and ensure the production quality and safety.

Main accountabilities

1	Operate and control automated loom to process yarns and tissues and convert them into woven and non-woven products and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean the automated loom and perform basic maintenance work, prepare and report fault reports to maintenance technicians or technicians, and keep a record of the work carried out.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Mechanical looms
3	Self Development	3	Textile design
4	Perseverance	4	Materials control
5		5	Weaving

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8152	Weaving and knitting machine operators
Occupation	815203	Programmable knitting machine operator

Occupation summary

Operate, control and repair programmable knitting machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor programmable knitting machines to process yarns and tissues and turn them into woven and non-woven products such as fabric, laces and carpets, and verify that the product conforms to technical specifications.
2	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
3	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Knitting machines
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Textiles

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8152	Weaving and knitting machine operators
Occupation	815204	Knitting Machine Operator

Occupation summary

Operate, control and repair knitting machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and control machines for processing yarns and tissues and converting them into woven and non-woven products such as fabric, laces and carpets, and verifying that the product conforms to technical specifications.
2	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
3	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Knitting machines
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Textiles

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8153	Sewing machine operators
Occupation	815301	Sewing machine operator

Occupation summary

Operate, control and maintain sewing machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and control sewing machines, manufacture, repair garments or embroidery of garment designs, and verify the product conformity with technical specifications.
2	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
3	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Sewing machines
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8153	Sewing machine operators
Occupation	815302	Rolling machine operator

Occupation summary

Operate, control and maintain rolling machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor the rolling machines, glue two pieces of fabric together or encircle and close the fabrics, and verify that the product conforms to technical specifications.
2	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
3	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	-4thread overlock sewing machine
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8153	Sewing machine operators
Occupation	815303	Operator of Button Mounting Machine

Occupation summary

Operate, control and maintain button mounting machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and control button fitting machines, fit buttons in various garment pieces, and verify the product conformity with technical specifications.
2	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
3	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Button sewing machine
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8153	Sewing machine operators
Occupation	815304	Buttonhole machine operator

Occupation summary

Operate, control and maintain buttonhole machine, and ensure the production quality and safety.

Main accountabilities

1	Operate the buttonhole machine to fit and control buttonhole for some domestic and foreign clothes, and verify the product conformity with technical specifications
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Double lock sewing machine
3	Self Development	3	-4thread overlock sewing machine
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8153	Sewing machine operators
Occupation	815305	Iron press machine operator

Occupation summary

Operate, control and maintain the iron press, and ensure the production quality and safety.

Main accountabilities

1	Operate and control iron press and ironing machine, and verify the product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Automatic pressing
3	Self Development	3	Textiles
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8153	Sewing machine operators
Occupation	815306	Cloth Cutting Machine Operator

Occupation summary

Operate, control and maintain cloth cutting machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor fiber, thread and cloth cutting machines, and verify product compliance with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Cutting-out (textiles)
3	Self Development	3	Material and production control
4	Perseverance	4	Process monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8153	Sewing machine operators
Occupation	815307	Embroidery machine operator

Occupation summary

Operate, control and maintain embroidery machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor yarn and cloth embroidery machines, and verify product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Embroidery machine
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815401	Textile bleaching machine operator

Occupation summary

Operate, control and repair textile bleaching machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor textile bleaching machines such as yarn and cloth, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Textile bleaching
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815402	Textile dyeing machine operator

Occupation summary

Operate, control and maintain textile dyeing machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor dyeing machines for fibers, yarn and cloth, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Textile dyeing
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815403	Operator of thread finishing machine

Occupation summary

Operate, control and maintain thread finishing machines, and ensure the production quality and safety.

Main accountabilities

1	Operate thread finishing machines according to specifications and quantities required and monitor, and verify the product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Thread milling
3	Self Development	3	Yarn manufacture
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815404	Thread processing machine operator

Occupation summary

Operate, control and maintain thread processing machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor the thread processing machines according to the required specifications, and verify that the product conforms to the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Yarn manufacture
3	Self Development	3	Slubbing/prespinning
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815405	Thread dyeing machine operator

Occupation summary

Operate, monitor and maintain thread dyeing machines, and ensure the production quality and safety, as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and monitor the thread dyeing machines according to the required specifications, and verify that the product conforms to the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Yarn manufacture
3	Self Development	3	Textile dyeing
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815406	Fabric rolling machine operator

Occupation summary

Operate, monitor and maintain fabric rolling machines, and ensure the production quality and safety, and follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and control fabric rolling machines according to the required specifications, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Textiles
3	Self Development	3	Cutting-out (textiles)
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815407	Fabric washing machine operator

Occupation summary

Operate, monitor and maintain fabric washing machines, ensure production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and control fabric washing machines according to the required quantities, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Textiles
3	Self Development	3	Laundry
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815408	Fabric Aging Machine Operator

Occupation summary

Operate, monitor and maintain fabric aging machines, ensure production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and monitor fabric aging machines according to the required specifications, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Textile bleaching
3	Self Development	3	Textile dyeing
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815409	Operator of textile drying ovens

Occupation summary

Operate, control and maintain textile drying ovens, and ensure the production quality and safety, as well as following health, safety and environment policies and procedures.

Main accountabilities

1	Operate textile drying ovens, select and monitor suitable drying temperature according to the required specifications, and verify the product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Textiles
3	Self Development	3	Furnace
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8154	Bleaching, dyeing and fabric cleaning machine operators
Occupation	815410	Textile finishing machine operator

Occupation summary

Operate, monitor and maintain textile finishing machines, ensure production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and monitor textile finishing machines according to the required specifications, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Textiles
3	Self Development	3	Textile printing
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815501	Leather and fur processing machine operator

Occupation summary

Operate, control and maintain leather and fur processing machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and control fur or natural leather processing machines (wool-bearing), produce processed leather and fur, and verify product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (skin and leather industry)
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815502	Leather cleaning tub operator

Occupation summary

Operate, control and maintain leather cleaning tubs, and ensure the production quality and safety.

Main accountabilities

1	Operate leather cleaning tubs and clean leather according to the required specifications, and verify the product conformity with technical specifications.
2	Ensure the availability of cleaning materials to complete the leather cleaning process according to proper methods.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Arrange and organize the leather after finishing the cleaning process.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Leather cleaning
3	Self Development	3	Materials control
4	Perseverance	4	Process monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815503	Leather shaving machine operator

Occupation summary

Operate, monitor and maintain the Leather shaving machine, and ensure the production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate the leather shaver and do the leather shaving according to the required specifications and monitor them, and check the product conformity with the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (skin and leather industry)
3	Self Development	3	Leather cleaning
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815504	Operator of Hide and flesh cleaning machine

Occupation summary

Operate, control and maintain skin and welding cleaning machine, and ensure the production quality and safety as well as following health, safety and environment policies and procedures.

Main accountabilities

1	Operate and control skin and welding cleaning machine according to the required specifications, and verify that the product conforms to the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (skin and leather industry)
3	Self Development	3	Leather cleaning
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815505	Leather pulling and tightening machine operator

Occupation summary

Operate, monitor and maintain leather pulling and tightening machine, and ensure the production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and control leather pulling and tightening machine according to the required specifications, and verify that the product conforms to the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (skin and leather industry)
3	Self Development	3	Dressing of skins and hides
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815506	Leather tanning machine operator

Occupation summary

Operate, control and maintain leather tanning machine, and ensure the production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and monitor the leather tanning machine, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (skin and leather industry)
3	Self Development	3	Operational monitoring
4	Perseverance	4	Process chemistry
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815507	Leather and fur dyeing machine operator

Occupation summary

Operate, control and maintain leather and fur dyeing machine, and ensure production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and monitor the leather and fur dyeing machine, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (skin and leather industry)
3	Self Development	3	Leather cleansing works
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815508	Leather drying ovens operator

Occupation summary

Operate, control and maintain leather drying ovens, and ensure production quality and safety, as well as following health, safety and environment policies and procedures.

Main accountabilities

1	Operate the leather drying ovens , select the appropriate heat for drying, and verify that the product conforms to the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (skin and leather industry)
3	Self Development	3	Furnace
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8155	Fur and leather preparing machine operators
Occupation	815509	Leather polishing machine operator

Occupation summary

Operate, control and maintain leather finishing machine, and ensure the production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and control the leather polishing machine, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (skin and leather industry)
3	Self Development	3	Leather cleansing works
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8156	Shoemaking and related machine operators
Occupation	815601	Shoe production machine operator

Occupation summary

Operate, control and maintain shoe production machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor shoe production machines, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Shoemaking
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8156	Shoemaking and related machine operators
Occupation	815602	Shoes finishing machine operator

Occupation summary

Operate, control and maintain shoe finishing machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor shoe finishing machines, and verify product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Shoeshine work
3	Self Development	3	Material and production control
4	Perseverance	4	Material testing
5		5	Process control

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8156	Shoemaking and related machine operators
Occupation	815603	Operator of bags production machine

Occupation summary

Operate, control and maintain bag production machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and control bags production machines according to required specifications and quantities, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Assembly (leather)
3	Self Development	3	Leather goods
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8156	Shoemaking and related machine operators
Occupation	815604	Bag finishing machine operator

Occupation summary

Operate, control and maintain bag finishing machines, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor bag finishing machines, and verify product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Leather cleansing works
3	Self Development	3	Leather goods
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8157	Laundry machine operators
Occupation	815701	Laundry and linen machine operator

Occupation summary

Operate, monitor and maintain laundry and linen machines, and ensure the production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and control laundry and linen machines according to the required quantities, and verify that the product conforms to the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Laundry
3	Self Development	3	Textiles
4	Perseverance	4	Dry cleaning
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8157	Laundry machine operators
Occupation	815702	Carpet and moquette washing machine operator

Occupation summary

Operate, monitor and maintain carpet and moquette washing machines, and ensure production quality and safety as well as follow health, safety and environment policies and procedures.

Main accountabilities

1	Operate and monitor carpet and moquette washing machines according to the required quantities, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Laundry
3	Self Development	3	Carpet cleaning
4	Perseverance	4	Dry cleaning
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8157	Laundry machine operators
Occupation	815703	Ironing machine operator

Occupation summary

Operate, control and maintain the ironing machine, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor the ironing machine for clothes and fabrics, and verify that the product conforms to technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Automatic pressing
3	Self Development	3	Ironing
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8159	Textile, fur and leather products machine operators not elsewhere classified
Occupation	815901	Textile cutting model drawing machine operator

Occupation summary

Operate, control and maintain textile cutting model drawing machine, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor textile cutting model drawing machine, and verify product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Pattern making (textile)
3	Self Development	3	Textile technology
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8159	Textile, fur and leather products machine operators not elsewhere classified
Occupation	815902	Plaiting machine operator

Occupation summary

Operate, control and maintain plaiting machine, and ensure the production quality and safety.

Main accountabilities

1	Operate, control plaiting machine, and verify the product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Twinning
3	Self Development	3	Operational monitoring
4	Perseverance	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8159	Textile, fur and leather products machine operators not elsewhere classified
Occupation	815903	Tents Making Machine Operator

Occupation summary

Operate, control and maintain tents making machine, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor the tents making machine, and verify the product conformity with the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Tapestry
3	Self Development	3	Awning sewing
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	815	Textile, fur and leather products machine operators
Unit group	8159	Textile, fur and leather products machine operators not elsewhere classified
Occupation	815904	Balloon making Machine Operator

Occupation summary

Operate, monitor and maintain balloon making machines, and ensure the production quality and safety during all related operations.

Main accountabilities

1	Operate industrial machines for the production of balloons in accordance with the policies and procedures governing it and in accordance with the approved production plans.
2	Verify that products conform to technical specifications.
3	Conduct routine preventive maintenance inspections to detect damage in parts.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Textiles
3	Self Development	3	Process monitoring
4	Perseverance	4	Production planning (manufacturing)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816001	Bakery and Confectionery Production Machine Operator

Occupation summary

Operate, control and maintain confectionery bakery production machine, and ensure the production quality and safety.

Main accountabilities

1	Operate, and control confectionery bakery production machine according to the required quantities, and verify the product conformity with the technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816002	Dairy machine operator

Occupation summary

Operate raw milk processing machinery and dairy products such as cheese, butter, milk and milk powder.

Main accountabilities

1	Operate raw milk processing machinery and dairy industry, and control temperature and pressure and flow rate.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow public health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Dairy products
3	Self Development	3	Milk processing
4	Perseverance	4	Hygienic food handling
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816003	Food drying machine operator

Occupation summary

Operate drying machines and save a wide range of foods.

Main accountabilities

1	Operate dryers and other machinery for drying and processing food.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow public health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816004	Fruits and Vegetables processing Machine Operator

Occupation summary

Operate fruit and vegetable processing machinery and associated foods.

Main accountabilities

1	Operate blenders, chopping machines and other machinery for the manufacture of fruits and vegetables, and associated foods.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow public health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (food industry)
3	Self Development	3	Food packaging
4	Perseverance	4	Food hygiene
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816005	Plant Leaf Products Machine Operator

Occupation summary

Operate plant leaf products machines, ensure product quality and follow public health, safety and environment policies and procedures.

Main accountabilities

1	Operate plant leaf products machines and ensure product quality.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow public health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816006	Grain Products Machine Operator

Occupation summary

Operate grain processing machines, ensure product quality and follow public health, safety and environment policies and procedures.

Main accountabilities

1	Operate mills and other machinery for grain processing and quality assurance of products.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow public health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816007	Edible Oil Products Machine Operator

Occupation summary

Operate edible oil products machines, ensure quality of products, and follow health, safety and public health policies and procedures.

Main accountabilities

1	Operate compressors and other machines to produce edible oils and ensure the product quality.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow public health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816008	Meat processing machine operator

Occupation summary

Operate meat processing machines, ensure the product quality, and follow public health, safety and environment policies and procedures.

Main accountabilities

1	Operate mills, trimming machines and other meat processing machines and ensure products meet the required specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow public health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816009	Fish and crustacean processing machine operator

Occupation summary

Operate, monitor and maintain fish and crustacean processing machine, and ensure the production quality and safety during all related operations.

Main accountabilities

1	Operate industrial machines for the processing of fish and crustaceans in accordance with the policies and procedures governing it and in accordance with the approved production plans.
2	Verify that products conform to technical specifications.
3	Conduct routine preventive maintenance inspections to detect damage in parts.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (food industry)
3	Self Development	3	Process monitoring
4	Perseverance	4	Hygienic food handling
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816010	Grain mill machine operator

Occupation summary

Operate grain mill machines, ensure product quality and follow health, safety and public health policies and procedures.

Main accountabilities

1	Operate grain mill machines and other machines for grinding grain according to the required quantities and specifications and ensure that the products conform to the required specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow public health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816011	Sugar production machine operator

Occupation summary

Operate, control and maintain sugar production machines, and ensure production quality and safety.

Main accountabilities

1	Operate and monitor sugar production machines according to specifications and quantities required, and verify the product conformity with technical specifications.
2	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
3	Clean up equipment and perform basic maintenance, prepare and report fault reports to maintenance technicians or technicians, and keep a record of work performed.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816012	Food sterilization machine operator

Occupation summary

Operate, control and maintain food sterilization machines during production processes, and ensure the production quality and safety.

Main accountabilities

1	Operate and control food sterilization machines, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816013	Date seed sorting machine operator

Occupation summary

Operate and control dates seed sorting machines during production processes, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor dates seed sorting machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Hygienic food handling
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Food hygiene
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816014	Dates fumigator operator

Occupation summary

Perform simple routines in dates fumigator to support fumigated dates production as well as follow public health, safety and environment policies and procedures.

Main accountabilities

1	Perform handicrafts, such as sorting, packing, and wrapping dates.
2	Take care of the manually fumigated dates or by hand tools.
3	Perform loading, unloading works and transportation of fumigated dates.
4	Clean facilities and equipment in the dates fumigator, and perform maintenance and minor repairs on it.
5	Follow public health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (food industry)
3	Self Development	3	Food packaging
4	Perseverance	4	Food hygiene
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	816	Food and related products machine operators
Unit group	8160	Food and related products machine operators
Occupation	816015	Dates Production Machine Operator

Occupation summary

Operate, monitor and maintain dates production machines and ensure production quality and safety during all related operations.

Main accountabilities

1	Operate date production machines in accordance with the policies and procedures governing it and in accordance with the approved production plans.
2	Verify that products conform to technical specifications.
3	Conduct routine preventive maintenance inspections to detect damage in parts.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (food industry)
3	Self Development	3	Process monitoring
4	Perseverance	4	Hygienic food handling
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8171	Pulp and papermaking plant operators
Occupation	817101	Cellulose processing machine operator

Occupation summary

Operate and control cellulose processing machines during cellulose production processes, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor cellulose processing machines, and verify product compliance with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Cellulose products
3	Self Development	3	Machine operation (food industry)
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8171	Pulp and papermaking plant operators
Occupation	817102	Pulp Processing Machine Operator

Occupation summary

Operate, control and maintain pulp processing machines during pulp production processes, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor the pulp processing machines and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Pulp making
3	Self Development	3	Pulp digestion
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8171	Pulp and papermaking plant operators
Occupation	817103	Paper processing machine operator

Occupation summary

Operate, monitor and maintain paper processing machines during paper production processes and ensure production quality and safety.

Main accountabilities

1	Operate and control paper processing machines, and verify product conformity with technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Cylinder machine
3	Self Development	3	Pulp making
4	Perseverance	4	Paper and pulp technology
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8171	Pulp and papermaking plant operators
Occupation	817104	Paper finishing machine operator

Occupation summary

Operate, control and maintain paper finishing machines during paper finishing processes, and ensure the production quality and safety.

Main accountabilities

1	Operate and monitor paper finishing machines, and verify that the product conforms to technical specifications.
2	Conduct routine preventive maintenance inspections to detect damage in parts, and identify problems and take corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Cutting-out (Paper and wood)
3	Self Development	3	Machine operation (typographical and paper industry)
4	Perseverance	4	Paper rolling
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817201	Woodworking Saw Operator

Occupation summary

Operate the woodworking saw to process, control and maintain the wood for sawing into raw wood boards; peel the wood; manufacture the laminated wood boards; prepare the wood for other uses; and ensure the quality and safety of the production.

Main accountabilities

1	Operate the woodworking saw to process and control woods; and verify the product conformity with the technical specifications.
2	Conduct the routine preventive maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
3	Clean the saw and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Store products, perform testing procedures and ensure that the devices work optimally during production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Band sawing
3	Self Development	3	Wood measurement
4	Perseverance	4	Wood knowledge
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817202	Wood Surfacing Machine Operator

Occupation summary

Prepare and operate the wood surfacing machine; polish and level the wood surfaces; remove parts from the wooden surface to obtain the desired surface; and apply all procedures and instructions of the occupational safety and health.

Main accountabilities

1	Control the wood layer to be wiped and leveled.
2	Prepare the wood for leveling, burnishing and polishing.
3	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Treatment of wood surfaces
3	Self Development	3	Wood knowledge
4	Perseverance	4	Calendering
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817203	Wood Shaping Machine Operator

Occupation summary

Prepare and operate the wood shaping machine; and carve and shape the wood; and apply the OHS procedures and instructions.

Main accountabilities

1	Review the technical drawings; and specify the required materials for wood shaping.
2	Inspect the products upon production; ensure compliance with diagrams and specifications; and return the defected products.
3	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Woodwork
3	Self Development	3	Wood sculpture
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817204	Wood Dovetail Machine Operator

Occupation summary

Prepare and operate the wood dovetail machine; perform various dovetailing operations; and apply the OHS procedures and instructions.

Main accountabilities

1	Check the wood dovetail machine; adjust its parts; and store and select the appropriate cutting knives.
2	Operate the dovetail machine and push the wood boards to touch cutting knives.
3	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Stock blank fitting
3	Self Development	3	Operational monitoring
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817205	Wood Press Machine Operator

Occupation summary

Prepare and operate the wood press machine; perform various pressing operations; and apply the OHS procedures and instructions.

Main accountabilities

1	Check and prepare the wood pressers; organize the layers to be pressed; and perform various pressing operations.
2	Adjust the temperature of the press machine as well as the required pressure and time; select and prepare the glue to suit the required pressing operations.
3	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; and report the breakdowns to the maintenance technicians or mechanics.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (wood and paper industry)
3	Self Development	3	Wood measurement
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817206	Wood Product Manufacturing Machine Operator

Occupation summary

Prepare, operate, control and maintain the woodworking machinery for manufacturing and repair wood products; apply the OHS procedures and instructions; and ensure the quality and safety of the product.

Main accountabilities

1	Operate the automatic, semi-automatic and other woodworking machinery, such as precision saws, shaping, drilling, striating, pressing, flipping, sand-polishing and crafting machines.
2	Inspect the products upon production; ensure compliance with diagrams and specifications; and return the defected products.
3	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine Operating
3	Self Development	3	Woodwork
4	Perseverance	4	Wood measurement
5		5	Machine tool setting

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817207	Wood Drying Oven Operator

Occupation summary

Prepare, operate, control and maintain the drying ovens to dry the wood; check the dried wood and place them in the designated places; inspect the controls during operation; ensure the quality of the production; and apply the OHS procedures and instructions.

Main accountabilities

1	Check the drying oven and its ancillary equipment and fittings, such as heat generation system, temperature gauges, air fans, pumps, lines, valves and conveyor belts.
2	Determine and adjust the time and heat for drying the wood as instructed.
3	Monitor the operation of the drying oven to detect defects or malfunctions; and adjust the equipment when necessary.
4	Apply the OHS procedures and instructions.
5	Clean the ovens and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Wood drying
3	Self Development	3	Furnace
4	Perseverance	4	Wood measurement
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817208	Veneer Making Machine Operator

Occupation summary

Prepare and operate the veneer making machine; conduct the process of log peeling; and apply the OHS procedures and instructions.

Main accountabilities

1	Check the veneer making machine; and replace the broken or damaged veneer peeling knives.
2	Receive the logs to be peeled, cleaned and cut to the appropriate lengths; and perform the veneer rotary cutting.
3	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Wood engraving
3	Self Development	3	Edging (wood)
4	Perseverance	4	Wood measurement
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	817	Wood processing and papermaking plant operators
Unit group	8172	Wood processing plant operators
Occupation	817209	Wood Cutting Machine Operator

Occupation summary

Prepare and operate the wood cutting machinery; perform the wood cutting operations; and apply the OHS procedures and instructions.

Main accountabilities

1	Inspect and prepare the wood cutting machinery; and determine the method of wood cutting.
2	Adjust the machine knives according to the thickness of the wooden piece; and replace the damaged cutting knives.
3	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Sawing (circular saw)
3	Self Development	3	Wood measurement
4	Perseverance	4	Wood knowledge
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818101	Ceramic Processing Machine Operator

Occupation summary

Operate the ceramic processing machine; control and maintain the thermal and electric ovens, heat treatment machines or ceramic tempering and decorating machines; ensure the quality and safety of production.

Main accountabilities

1	Operate and control the ceramic processing machines; and ensure that the product is in conformity with the technical specifications.
2	Conduct the routine preventive-maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Compliance with HSE policies and procedures
5	Store and organize the products; perform the testing procedures; and ensure that the devices work optimally during the production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Ceramics technology (engineering)
3	Self Development	3	Hardening (ceramics/glass)
4	Perseverance	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818102	Glass Making Machine Operator

Occupation summary

Operate, control and maintain the thermal and electric ovens for glass making, heat treating, tempering or decorating; and ensure the quality and safety of production.

Main accountabilities

1	Operate and control the glass making machinery; and ensure that the product is in conformity with the technical specifications.
2	Conduct the routine preventive-maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Apply the OHS procedures and instructions.
5	Store and organize the products; perform the testing procedures; and ensure that the devices work optimally during the production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (glass factory)
3	Self Development	3	Cutting-out (crude glass)
4	Perseverance	4	Computerised glass cutting
5		5	Glass fibre manufacturing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818103	Glass Melting Oven Operator

Occupation summary

Prepare, operate and monitor the glass melting oven and its ancillary equipment; take samples to be sent to the laboratory; and apply the OHS procedures and instructions.

Main accountabilities

1	Check the glass oven and its ancillary equipment, such as the systems, lines and valves of supplying fuel, air and water, temperature gauges and conveyor belts
2	Regulate the process of supplying the oven with air and water; and inspect the molten glass level
3	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
4	Take samples from the molten glass to be sent to the laboratory; cool down the oven's walls, monitor the efflux of the molten glass from the oven; and carry out the necessary corrective actions as instructed.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Melting (melting waste glass)
3	Self Development	3	Tempering
4	Perseverance	4	Safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818104	Glass Panel Shaping Machine Operator

Occupation summary

Prepare and operate the glass panel shaping machine and the molten glass roller machines; apply the principles and instructions of occupational safety and health.

Main accountabilities

1	Place the glass roller machine between the melting oven and the glass softening oven using an automatic crane.
2	Connect the driving chains in cylinders and cooling pipes to the water line; adjust the thickness of the glass; and stabilize the speed of the cylinders.
3	inspect the glass to check for deficiencies such as blisters and surface adhesions.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Surface grinding
3	Self Development	3	Glass grinding
4	Perseverance	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818105	Glass Blowing Machine Operator

Occupation summary

Prepare, operate and monitor the glass blowing machine; check for any of visible defects in products; gradually cool down the products; and apply the OHS procedures and instructions.

Main accountabilities

1	Inspect the manual and automatic molten glass blowing equipment, such as the blowing tube, air compressor, air distribution system and blowing nozzles.
2	Read the required products' specifications; and blow the glass using the blow tube.
3	Manually or automatically operate and monitor the glass blowing machine as per the instructions and control.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Glass-blowing
3	Self Development	3	Melting (melting waste glass)
4	Perseverance	4	Tempering
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818106	Glass Finishing Machine Operator

Occupation summary

Operate the finishing machinery for glass grinding, engraving, sand polishing, decorating, cleaning, buffing and finishing its edges; ensure the production quality; and apply the principles and instructions of the OHS.

Main accountabilities

1	Preparation of glass materials and equipment required for operations.
2	Place the samples on the glass; mark the cutting lines; and cut the glass along such lines or around samples by using glass cutting tools.
3	Grind and polish the glass materials to correct the defects, smooth and polish rough edges by using sanding belt or polishing wheels.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Conduct the routine preventive maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine operation (glass factory)
3	Self Development	3	Process monitoring
4	Perseverance	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818107	Stone and Marble Lathe Operator

Occupation summary

Prepare and operate the lathe and adjust its level longitudinally and latitudinally; and complete the rotation of the crafts to be shaped and give it the desired shape.

Main accountabilities

1	Operate the metal equipment such as lathing, grinding, planning, drilling, digging and honing machines.
2	Make the craft in deferent sizes as per the required diameters.
3	Inspect the products upon production completion; ensure compliance with diagrams and specifications by using calibration tools, dies and measuring instruments; and return the defected products.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Conduct the routine preventive maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Tiles and clinkers
3	Self Development	3	Operational monitoring
4	Perseverance	4	Piercing
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818108	Marble Finishing Machine Operator

Occupation summary

Operate the marble finishing machine; remove the fragmented parts; polish, smooth and burnish the marble; and apply the principles and instructions of occupational safety and health.

Main accountabilities

1	Surface the marble using the iron diamond discs.
2	Remove the scratches; and give the marble a natural shine.
3	Make the required repairs to the fragmented parts; brush the marble by a manual or mechanical polishing brush.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Surface grinding
3	Self Development	3	Calendering machine (operation)
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818109	Tile Making Machine Operator

Occupation summary

Prepare and operate the tile making machine; fill the work forms; and apply the OHS procedures and instructions.

Main accountabilities

1	Record the required quantities and types of tiles; prepare the tools and equipment that are necessary for the work.
2	Identify the quantity of the materials and equipment needed based on the initial diagrams.
3	Inspect the materials or samples to ensure that they are in conformity with the conditions and specifications.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Tiles and clinkers
3	Self Development	3	Mould casting (ceramics/porcelain)
4	Perseverance	4	Operational monitoring
5		5	Operational monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818110	Tile and Brick Drier Operator

Occupation summary

Prepare, operate and monitor the tile and brick drier and its ancillary equipment; and apply the OHS procedures and instructions.

Main accountabilities

1	Check the tile and brick drier and its ancillaries, such as the systems, lines and valves of supplying the fuel and air.
2	Regulate the process of supplying the drier with air and water; and cool down the oven's walls.
3	Inspect the materials or samples to ensure that they are in conformity with the conditions and specifications.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Conduct the routine preventive maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Machine Operating
3	Self Development	3	Furnace
4	Perseverance	4	Brick factory work
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8181	Glass and ceramics plant operators
Occupation	818111	Tile Finishing Machine Operator

Occupation summary

Operate the Tile finishing machine for tile grinding, engraving, decorating, cleaning, buffing and finishing its edges; ensure the production quality; and apply the principles and instructions of the OHS.

Main accountabilities

1	Prepare the tools and equipment necessary for the work.
2	Fill in the blanks and cracks; wipe the excess of the mortar between the tiles using a sponge and water.
3	Inspect the materials or samples to ensure that they are in conformity with the conditions and specifications.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Modelling (ceramics/porcelain)
3	Self Development	3	Hardening (ceramics/glass)
4	Perseverance	4	Calendering
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8182	Steam engine and boiler operators
Occupation	818201	Steam Boilers Operator

Occupation summary

Operate and monitor the steam boiler and its ancillary equipment; and apply the OHS procedures and instructions.

Main accountabilities

1	Check the steam boiler and its ancillary equipment, such as burners, primary ignition system, fuel supply systems, water tanks, air fans, air and fuel heating systems.
2	Operate and monitor the steam boiler and its ancillary equipment as instructed.
3	Shut down the steam boiler; isolate the equipment and devices; and execute the necessary corrective actions.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Stoking boilers of a steam engine
3	Self Development	3	Safety regulations
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8182	Steam engine and boiler operators
Occupation	818202	Water Boiler Operator

Occupation summary

Operate the water boilers in accordance with the set work procedures, ensuring the optimal use and the application of the OHS procedures and instructions.

Main accountabilities

1	Operate the water boilers according to the laboratory' plans and according to the desired purpose of operation.
2	Ensure the safety of water boilers and check their pressure.
3	Apply the OHS procedures and instructions.
4	Clean the equipment and perform the basic maintenance; and report the breakdowns to the maintenance technicians or mechanics.
5	Perform the testing procedures; and ensure that the water boilers work optimally during the production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Oil-fired boiler (maintenance)
3	Self Development	3	Process monitoring
4	Perseverance	4	Process monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8182	Steam engine and boiler operators
Occupation	818203	Turbine Operator

Occupation summary

Operate and monitor the turbine and its ancillary equipment; and apply the OHS procedures and instructions.

Main accountabilities

1	Check the turbine parts, such as the steam valves, generator, heat exchangers and temperature, electric current and pressure gauges.
2	Operate and monitor the turbine as instructed.
3	Shut down the turbine; isolate the equipment and devices; and execute the necessary corrective actions.
4	Apply the OHS procedures and instructions.
5	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Turbine technology
3	Self Development	3	Safety regulations
4	Perseverance	4	Operational monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8182	Steam engine and boiler operators
Occupation	818204	Steam Generator Operator

Occupation summary

Operate, monitor and maintain the steam generators and their ancillary equipment; and test the equipment to ensure its safety.

Main accountabilities

1	Set the necessary temperature and pressure for steam generation; and check boiler water.
2	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
3	Comply with the HSE policies and procedures.
4	Conduct the routine preventive maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
5	Perform the testing procedures; and ensure that the steam generator works optimally during the production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Stoking boilers of a steam engine
3	Self Development	3	Product specifications
4	Perseverance	4	Safety regulations
5		5	Process monitoring

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8183	Packing, bottling and labelling machine operators
Occupation	818301	Label Printing Machine Operator

Occupation summary

Operate, monitor and maintain the label printing machinery; and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor the label printing machinery; and ensure that the product is in conformity with the technical specifications.
2	Follow health, safety and environment policies and procedures.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Conduct the routine preventive maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
5	Perform the testing procedures; and ensure that the machines work optimally during the production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Labelling
3	Self Development	3	Machine Operating
4	Perseverance	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8183	Packing, bottling and labelling machine operators
Occupation	818302	Filling Machine Operator

Occupation summary

Operate, monitor and maintain the filling machines for shaping or casting metal products, ensuring the quality and safety of production.

Main accountabilities

1	Operate and monitor the filling machines; and ensure that the product is in conformity with the technical specifications.
2	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
3	Compliance with HSE policies and procedures
4	Conduct the routine preventive-maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
5	Perform the testing procedures; and ensure that the machines work optimally during the production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Packaging
3	Self Development	3	Weighing machine operation
4	Perseverance	4	Mechanised packaging
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8183	Packing, bottling and labelling machine operators
Occupation	818303	Packing Machine Operator

Occupation summary

Operate and monitor the packaging machines and ensure the quality of the products.

Main accountabilities

1	Operate and monitor the packaging and label printing machines; and ensure the quality of the products.
2	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
3	Compliance with HSE policies and procedures
4	Conduct the routine preventive-maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
5	Perform the testing procedures; and ensure that the machines work optimally during the production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Food packaging
3	Self Development	3	Labelling
4	Perseverance	4	Machine Operating
5		5	Product specifications

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8183	Packing, bottling and labelling machine operators
Occupation	818304	Card Labelling Machine Operator

Occupation summary

Operate, monitor and maintain the card labelling machines; and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor the card labelling machines; and ensure that the product is in conformity with the technical specifications.
2	Prepare and operate the card labelling machine that is suitable for various types of cylindrical packaging used in various fields of food, pharmaceutical, chemical and cosmetic industries.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Monitor the operation of the machines to detect defects in the parts thereof or malfunctions therein; and adjust the equipment when required.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Labelling
3	Self Development	3	Machine Operating
4	Perseverance	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8189	Stationary plant and machine operators not elsewhere classified
Occupation	818901	Silicon Wafer Production Machine Operator

Occupation summary

Operate and monitor the silicon wafer production machines; and ensure the quality and safety of production.

Main accountabilities

1	Operate and monitor the silicon wafer production machines; and ensure that the product is in conformity with the technical specifications.
2	Conduct the routine preventive maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
3	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
4	Follow health, safety and environment policies and procedures.
5	Perform the testing procedures; and ensure that the machines work optimally during the production.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Clean room work
3	Self Development	3	Cleanroom technology
4	Perseverance	4	Robot system programming
5		5	Product specifications

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8189	Stationary plant and machine operators not elsewhere classified
Occupation	818902	Rope Splicing Machine Operator

Occupation summary

Operate the rope splicing machine according to the work plan; monitor the production process; check the product conformity to the specifications; and service and maintain the rope splicing machines.

Main accountabilities

1	Operate the rope splicing machine according to the set work plan.
2	Monitor the production processes; and ensure that the product is in conformity with the technical specifications.
3	Conduct routine inspections within the preventive maintenance; define the problems; and take corrective actions.
4	Maintain and sustain the work tools and equipment and ensure their optimal use.
5	Comply with manuals, procedures, specifications manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Wire cloth weaving
3	Self Development	3	Textile technology
4	Perseverance	4	Process monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	81	Stationary plant and machine operators
Minor group	818	Other stationary plant and machine operators
Unit group	8189	Stationary plant and machine operators not elsewhere classified
Occupation	818903	Water Pump Operator

Occupation summary

Periodically check the fire extinguisher of the water pump; inspect the readiness of the pump and operate it when a fire breaks out; open the water inlet and outlet valves; connect the water hoses to the pump; and implement the preventive maintenance programs of the fire pump.

Main accountabilities

1	Periodically check the fire water pump and according to the schedule.
2	Check the pump readiness and the availability of the water; and open the inlet and outlet valves.
3	Connect the fire hoses to the pump outlet properly.
4	Operate the pump according to the agreed work plans and monitor its performance.
5	Implement the preventive maintenance program set for the fire water pump.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Process monitoring
3	Self Development	3	Pump technology
4	Perseverance	4	Process monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8211	Mechanical machinery assemblers
Occupation	821101	Cooling Devices Assembler

Occupation summary

Assemble the components of the refrigeration, freezing and air conditioning devices; and apply the OHS procedures and instructions.

Main accountabilities

1	Assemble the components and parts of the cooling devices, such as refrigerators and air conditioners.
2	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
3	Prepare the necessary tools for installing, handling, using the cooling devices; and clean the work place.
4	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
5	Application of OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Product specifications
3	Self Development	3	Assembly of parts
4	Perseverance	4	Machine assembly
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8211	Mechanical machinery assemblers
Occupation	821102	Engine Assembler

Occupation summary

Assemble the engines and power transmission assembly; assemble the engines and their bodies according to the instructions; and apply the OHS procedures and instructions.

Main accountabilities

1	Assemble, install and mount the mechanical elements of the internal combustion engines, gear boxes, clutches or rear axles.
2	Assemble, install and mount the main sets for the production of vehicles.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected products.
4	Record the production and operational data, such as product sizes and quantities.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Engine fitting
3	Self Development	3	Mechanical repair work
4	Perseverance	4	Mechanical testing
5		5	Assembly of parts

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8211	Mechanical machinery assemblers
Occupation	821103	Transmissions Assembler

Occupation summary

Assemble and install the manual and automatic transmissions and steptronic as instructed; and apply the OHS procedures.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Inspect the single, as well as partially and fully assembled, parts to ensure compliance with the quality and specifications.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Record the production and operational data, such as product sizes and quantities.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Product specifications
3	Self Development	3	Gearbox repairing
4	Perseverance	4	Assembly of parts
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8211	Mechanical machinery assemblers
Occupation	821104	Vehicle Assembler

Occupation summary

Assemble and install the engines and mechanical and electrical equipment for vehicle according to the instructions; apply the OHS procedures; and ensure the production quality.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Inspect the single, as well as partially and fully assembled, parts to ensure compliance with the quality and specifications.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Record the production and operational data, such as product sizes and quantities.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Vehicle spare parts
3	Self Development	3	Vehicle assembly
4	Perseverance	4	Assembly of parts
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8211	Mechanical machinery assemblers
Occupation	821105	Aircraft Assembler

Occupation summary

Assemble the components of plans as instructed; and apply the OHS procedures and instructions.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Inspect the single, as well as partially and fully assembled, parts to ensure compliance with the quality and specifications.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected products.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Mechanical mounting
3	Self Development	3	Electrical systems (aircraft)
4	Perseverance	4	Aircraft engineering
5		5	Aircraft technology

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8211	Mechanical machinery assemblers
Occupation	821106	Mechanical Equipment Assembler

Occupation summary

Assemble the components of the mechanical equipment such as engines, motor vehicles, turbines and aircraft; connect the units to assemble and weld the equipment; and ensure the production quality.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Assemble the mechanical equipment in accordance with the set work plans and in accordance with the regulatory procedures.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Record the production and operational data, such as product sizes and quantities.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Mechanical mounting
3	Self Development	3	Mechanical repair work
4	Perseverance	4	Mechanical testing
5		5	Assembly of parts

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8212	Electrical and electronic equipment assemblers
Occupation	821201	Electrical Equipment Assembler

Occupation summary

Assemble the components of the electrical equipment; connect the units to assemble, paste and weld the equipment; and ensure the production quality.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Assemble the mechanical equipment in accordance with the set work plans and in accordance with the regulatory procedures.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Record the production and operational data, such as product sizes and quantities.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Reading of electrical diagrams
3	Self Development	3	Electrical safety regulations
4	Perseverance	4	Assembly of parts
5		5	Product specifications

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8212	Electrical and electronic equipment assemblers
Occupation	821202	Electronic Mechanical Equipment Assembler

Occupation summary

Assemble the components of the electronic equipment; connect the units to assemble, paste and weld the equipment using precision welding tools; and ensure the production quality.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Assemble the electrical equipment in accordance with the set work plans and in accordance with the regulatory procedures.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Record the production and operational data, such as product sizes and quantities.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Product specifications
3	Self Development	3	Assembly of parts
4	Perseverance	4	Assembly of parts
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8212	Electrical and electronic equipment assemblers
Occupation	821203	Electrical Transformer Assembler

Occupation summary

Assemble the elements of the electrical transformation and Unification devices as instructed; and apply the OHS procedures.

Main accountabilities

1	Assemble and install the electrical and mechanical elements for electrical transformers.
2	Install the conductors according to the established procedures and action plans.
3	Install and mount the electrical insulators according to the instructions.
4	Clean the equipment and tools after work completion.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Transformers
3	Self Development	3	Electrical safety regulations
4	Perseverance	4	Assembly of parts
5		5	Electrical installations (operation and maintenance)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8212	Electrical and electronic equipment assemblers
Occupation	821204	Power Distribution Boards Assembler

Occupation summary

Assemble the components of the power distribution boards as instructed; and apply the OHS procedures and instructions.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Assemble, install and mount the bus bars, circuit breakers and electrical fuses for the power distribution boards.
3	Assemble, install and mount the electrical insulators and mechanical elements for power distribution boards according to the instructions.
4	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; return the defected products; and clean the work place.
5	Application of OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Circuit board assembly
3	Self Development	3	Distribution Transformers
4	Perseverance	4	Electrical safety regulations
5		5	Electrical installations (operation and maintenance)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8212	Electrical and electronic equipment assemblers
Occupation	821205	Electric Devices Assembler

Occupation summary

Assemble the components of the Electrical equipment as instructed; and apply the OHS procedures and instructions.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Inspect the electrical equipment before and after use; test the systems; and detect any problems that may occur.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Clean the machinery and assembly tools; store the tools; and keep a record of the work completed.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	White goods and household equipment
3	Self Development	3	Electrical safety regulations
4	Perseverance	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8212	Electrical and electronic equipment assemblers
Occupation	821206	Medical Devices Assembler

Occupation summary

Assemble the components of the medical devices as instructed; and apply the OHS procedures and instructions.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Inspect the medical devices before and after use; test the systems; and detect any problems that may occur.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Clean the machinery and assembly tools; store the tools; and keep a record of the work completed.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Electronics fitting
3	Self Development	3	Assembly of parts
4	Perseverance	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8212	Electrical and electronic equipment assemblers
Occupation	821207	Electronic Devices Assembler

Occupation summary

Assemble the components of the electronic devices as instructed; and apply the OHS procedures and instructions.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Inspect the electronic devices before and after use; test the systems; and detect any problems that may occur.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Clean the machinery and assembly tools; store the tools; and keep a record of the work completed.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Electronics fitting
3	Self Development	3	Assembly of parts
4	Perseverance	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8212	Electrical and electronic equipment assemblers
Occupation	821208	Electronic Exchange Assembler

Occupation summary

Assemble the electronic, electrical and mechanical components as instructed; and apply the OHS procedures and instructions.

Main accountabilities

1	Install, mount and connect the electronic boards or elements such as transistors, integrated circuits, resistors and condensers.
2	Assemble the components of central, local or sub-exchanges according to the specifications and in line with the approved work plans.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected components.
4	Clean the machinery and assembly tools; store the tools; and keep a record of the work completed.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Assembly (electrical/telephone)
3	Self Development	3	Mobile telephones (assembly)
4	Perseverance	4	Assembly of parts
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8219	Assemblers not elsewhere classified
Occupation	821901	Furniture Assembling Worker

Occupation summary

Assemble and manufacture the furniture; and ensure the production quality.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Assemble and manufacture the furniture according to the regulating procedures and in line with the approved work plans.
3	Ensure the furniture quality upon installation; and ensure compliance with the diagrams and specifications.
4	Record the production and operational data, such as product sizes and quantities.
5	Follow the rules of public safety.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Furniture assembly
3	Self Development	3	Assembly (wood)
4	Perseverance	4	Furniture upholstery
5		5	Woodwork

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8219	Assemblers not elsewhere classified
Occupation	821902	Plastic and Metal products assembling worker

Occupation summary

Assemble and manufacture the plastic and metal equipment and products; connect the units for assembly, pasting and welding; and ensure the production quality.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Assemble and manufacture the plastic or metal equipment or products.
3	Ensure the quality of products upon assembly; ensure compliance with the diagrams and specifications, and return of defected products.
4	Record the production and operational data, such as product sizes and quantities.
5	Follow the rules of public safety.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Assembly of parts
3	Self Development	3	Plastic welding
4	Perseverance	4	Plastic tools (manufacturing)
5		5	Inspection

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8219	Assemblers not elsewhere classified
Occupation	821903	Cardboard Assembly Worker

Occupation summary

Inspect the machinery; assemble the cardboard products; and apply the OSH procedures and instructions.

Main accountabilities

1	Check the cardboard assembly machines; and assemble the cardboard products.
2	Cut and shape the cardboard according to the desired shape and size.
3	Label the packaging boxes; and move the products to places of delivery and storage.
4	Clean the cardboard assembly machines and tools from shearing and trimming inclusions; store the tools; and keep a record of the completed work.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Paper products
3	Self Development	3	Cardboard machine (operation)
4	Perseverance	4	Paper rolling
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8219	Assemblers not elsewhere classified
Occupation	821904	Textile Product Assembly Worker

Occupation summary

Prepare and assemble the textile product assembly machines and tools according to the instructions; complete the assembly process; and apply the OHS procedures and instructions.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Prepare the textile products to be assembled and inspected; ensure compliance with specifications; and isolate non-conforming parts.
3	Complete the process of assembling the textile products; store and package the products according to the instructions.
4	Clean the machinery and assembly tools; store the tools; and keep a record of the work completed.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Assembly (paper/textile)
3	Self Development	3	Machine operation (textile industry)
4	Perseverance	4	Assembly of parts
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8219	Assemblers not elsewhere classified
Occupation	821905	Fiber Assembling and Bundling Worker

Occupation summary

Prepare the assembly machines and tools; prepare, install and connection the fiber cables in the devices in accordance with the instructions; and apply the OHS procedures and instructions.

Main accountabilities

1	Review the work orders and technical specifications; identify the necessary materials; and implement the assembly instructions.
2	Implement the electrical fiber connection plans in accordance with the approved procedures and work plans.
3	Inspect the components upon assembly; ensure compliance with the diagrams and specifications; and return the defected products.
4	Clean the machinery and assembly tools; store the tools; and keep a record of the work completed.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Assembly of parts
3	Self Development	3	Product specifications
4	Perseverance	4	Safety regulations
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8219	Assemblers not elsewhere classified
Occupation	821906	Rubber Products Assembly Worker

Occupation summary

Check the rubber products assembly machines and tools; assemble the desired rubber products; complete the assembly process; and apply the OHS procedures and instructions.

Main accountabilities

1	Place the rubber products in their designated places as per the rules regulating the work.
2	Identify and isolate the parts not in conformity with the required specifications.
3	Complete the process of assembling the rubber products; and store and package the products according to the instructions.
4	Clean the machinery and assembly tools; store the tools; and keep a record of the work completed.
5	Apply the OHS procedures and instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Assembly (rubber)
3	Self Development	3	Machine operation (rubber and plastics industry)
4	Perseverance	4	Assembly of parts
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	82	Assemblers
Minor group	821	Assemblers
Unit group	8219	Assemblers not elsewhere classified
Occupation	821907	Bicycle Assembly Worker

Occupation summary

Assemble the components of the bicycle as instructed; and apply the OHS procedures and instructions.

Main accountabilities

1	Install and mount the basic elements of the bicycle, such as the steering device, wheels or brakes as per the required specifications.
2	Properly use the manual, mechanical or pneumatic work tools.
3	Clean the equipment; perform the basic maintenance; and keep a record of the completed work.
4	Apply the OHS procedures and instructions.
5	Perform the testing procedures; and ensure that the bicycle works optimally.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Vehicle assembly
3	Self Development	3	Machine assembly
4	Perseverance	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	831	Locomotive engine drivers and related workers
Unit group	8311	Locomotive engine drivers
Occupation	831101	Tractor Driver

Occupation summary

Drive electrical tractors, diesel tractors and trains, as per transportation laws and regulations, prepare trains for transporting goods or passengers, and apply driving rules and instructions in association with railways and the public safety.

Main accountabilities

1	Set starting appointments, destination points, stations and schedule of journey.
2	Check tractor equipment, such as: air hoses, brakes, fuel quantity and tractor transition, inspect engine, brakes and general condition of train, prior to starting any journey for maintenance.
3	Summarize result of inspection of train crew prior to journey's starting, maintain regular communications along journey, and take the responsibility of passenger safety and tasks of crew members.
4	Maintain the train clean, coordinate with mechanics and electricians; for purpose of maintenance and reparation.
5	Picking up and disembarking passengers, and inspecting tractors after the end of journey, apply safety procedures, besides railway transportation's rules, instructions and signs.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Train driving
3	Self Development	3	Machine trailer driving
4	Perseverance	4	Railway track work safety procedures
5		5	Vehicle care

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	831	Locomotive engine drivers and related workers
Unit group	8311	Locomotive engine drivers
Occupation	831102	Train Driver

Occupation summary

Receive schedules of train journeys and stations during journey, inspect train equipment prior to starting, operate train devices, control its speed as per instructions, report any faults during journey and arrival time, and inspect train by the end of journey.

Main accountabilities

1	Receive train journey schedules and stations tables during journey, and assure properly announcing the schedule inside the train periodically.
2	Check train equipment, such as: air hoses & brakes, assure their safety as well as the sufficiency of fuel, prior to starting.
3	Operate train devices, control its speed as per instructions, and stop at stations, as scheduled.
4	Receive instructions from controllers of traffic of trains and stations using radios, and report any faults during journey in addition to the expected time of arrival to the next station.
5	Check the train by the end of journey and report any faults therein, as per the applicable policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Underground train driving
3	Self Development	3	Diesel locomotive driving
4	Perseverance	4	Shuttle train driving
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	831	Locomotive engine drivers and related workers
Unit group	8311	Locomotive engine drivers
Occupation	831103	Metro Driver

Occupation summary

Drive Metro as per transportation laws and regulations, prepare metro for transporting passengers, besides apply driving rules and instructions in association with railways and the public safety.

Main accountabilities

1	Set starting appointments, destination points, stations and schedule of journey.
2	Check metro equipment, such as: air hoses, brakes, fuel quantity and metro transition, inspect engine, brakes and general condition of metro, prior to starting any journey for maintenance.
3	Summarize result of inspection of metro crew prior to journey's starting, maintain regular communications along journey, and take the responsibility of passenger safety and tasks of crew members.
4	Maintain the metro clean, coordinate with mechanics and electricians; for purpose of maintenance and reparation.
5	Picking up and disembarking passengers, and inspecting metro after the end of journey, apply safety procedures, besides transportation's rules, instructions and signs.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Underground train driving
3	Self Development	3	Railway track work safety procedures
4	Perseverance	4	Vehicle care
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	831	Locomotive engine drivers and related workers
Unit group	8312	Railway brake, signal and switch operators
Occupation	831201	Train Brakes' Operator

Occupation summary

Check train brakes, issue warnings & alerts, operate and stop trains, and apply the OHS procedures and instructions.

Main accountabilities

1	Convert wagons among railways and brake the same, as per the agreed schedule, taking into account the associated policies and procedures.
2	Control brakes, stop trains, issue warning signs upon sudden stop for warning other trains.
3	Make minor repairs, and report the requested major repairs to the maintenance team; for taking the necessary actions.
4	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.
5	Conduct the routine preventive-maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Brake system (installation and maintenance)
3	Self Development	3	Safety regulations
4	Perseverance	4	Process control
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	831	Locomotive engine drivers and related workers
Unit group	8312	Railway brake, signal and switch operators
Occupation	831202	Trains converter's Operator

Occupation summary

Convert tractors at station yards and sidelines, as per orders related to loading, unloading and organizing trains, attach and detach tractors or wagons.

Main accountabilities

1	Install wagons need to be converted, and run manual wheel to control wagon speed or to stop it at a specified spot.
2	Guide trains to the yards allocated thereto, direct carriage wagons and transport to the allocated yards.
3	Convert trains among stations, and ensure that wagons are at allocated stations.
4	Make minor repairs, and report the requested major repairs to the maintenance team; for taking the necessary actions.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Railway line investigation
3	Self Development	3	Track inspection
4	Perseverance	4	Safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	831	Locomotive engine drivers and related workers
Unit group	8312	Railway brake, signal and switch operators
Occupation	831203	Operator of Railway Signals

Occupation summary

Operate the fixed and movable railway signals and path change signals, besides full adherence to public safety's policies, rules, standards, specifications, manuals and procedures.

Main accountabilities

1	Receive requests and signs of path change, from the concerned officials.
2	Follow-up-on the execution of convert systems and traffic schedules associated with tractors' entry & exit from/to station yard or lines' section, and track movement or lines to be operated by tractors.
3	Open and close intersection barriers to the level of (intersection between roads and railways), besides operate signals.
4	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.
5	Transport the movable signals to maintenance spots and vehicle locations, including signals for the organization of train movement.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Signalling system
3	Self Development	3	Track inspection
4	Perseverance	4	Process control
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	831	Locomotive engine drivers and related workers
Unit group	8312	Railway brake, signal and switch operators
Occupation	831204	Train & Vehicle Yard Observer

Occupation summary

Issue instructions for train movement, attach & detach wagons as needed, and check the accuracy of attachments between railway wagons.

Main accountabilities

1	Coordinate with vehicle yard observer and train driver; for attaching or detaching wagons.
2	Issue instructions to personnel at trains yard, to prepare wagon for purposes of attachment.
3	Follow proceedings of wagon movement and attachment, and assure the validity of attachment.
4	Follow-up-on the proceedings of wagon detachment.
5	Follow-up-on the proceedings of detach wagon, and move the detached wagon to train yard.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Remote control locomotive driving
3	Self Development	3	Diesel locomotive driving
4	Perseverance	4	Train dispatching
5		5	Computerised control systems

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	832	Car, van and motorcycle drivers
Unit group	8321	Motorcycle drivers
Occupation	832101	Motorcycle Driver

Occupation summary

Drive the motorcycle from one place to another, comply with rules of traffic, security, safety as well as the periodical inspection proceedings of motorcycle, and report maintenance requests to the concerned body.

Main accountabilities

1	Drive motorcycle from one place to another, as per action plans.
2	Comply with rules of traffic, safety and security, besides warn not to commit any regulatory violations.
3	Conduct the periodical checks over the motorcycle, and address any minor troubles that maybe encountered.
4	Report maintenance requests requiring expert inspection, once any flaw is noticed, while driving the motorcycle.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Motorcycle driving
2	Goals/ results Oriented	2	Traffic safety regulations
3	Self Development	3	Basic vehicle servicing
4	Perseverance	4	Vehicle care
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	832	Car, van and motorcycle drivers
Unit group	8322	Car, taxi and van drivers
Occupation	832201	Car Driver

Occupation summary

Drive the car for transporting passengers or goods, comply with rules of traffic, security, safety as well as the periodical inspection proceedings of car, and report maintenance requests to the concerned body.

Main accountabilities

1	Drive car for transporting passengers or goods from one place to another, ensure the adherence to time schedules, and report in case of any emergency delay.
2	Comply with rules of traffic, safety and security, besides warn not to commit any regulatory violations.
3	Conduct the periodical checks over the car and address any minor troubles that maybe encountered.
4	Report maintenance requests requiring expert inspection, once any flaw is noticed, while driving car.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Limousine driving
3	Self Development	3	Taxi driving
4	Perseverance	4	Basic vehicle servicing
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	832	Car, van and motorcycle drivers
Unit group	8322	Car, taxi and van drivers
Occupation	832202	Private Car Driver

Occupation summary

Drive the car for transporting passengers, comply with rules of traffic, security, safety as well as the periodical inspection proceedings of car, and report maintenance requests.

Main accountabilities

1	Drive car for transporting passengers, ensure the adherence to time schedules, and report in case of any emergency delay.
2	Comply with rules of traffic, safety and security, besides warn not to commit any regulatory violations.
3	Conduct the periodical checks over the car and address any minor troubles that maybe encountered.
4	Report maintenance requests requiring expert inspection, once any flaw is noticed, while driving car.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Car driving
2	Goals/ results Oriented	2	Traffic safety regulations
3	Self Development	3	Basic vehicle servicing
4	Perseverance	4	Vehicle care
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	832	Car, van and motorcycle drivers
Unit group	8322	Car, taxi and van drivers
Occupation	832203	Taxi Driver

Occupation summary

Drive the taxi for transporting passengers, comply with rules of traffic, security, safety as well as the periodical inspection proceedings of taxi, and report maintenance requests to the concerned body.

Main accountabilities

1	Drive taxi for transporting passengers from one place to another, ensure the adherence to time schedules.
2	Comply with rules of traffic, safety and security, besides warn not to commit any regulatory violations.
3	Conduct the periodical checks over the car and address any minor troubles that maybe encountered.
4	Report maintenance requests requiring expert inspection, once any flaw is noticed, while driving car.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Limousine driving
3	Self Development	3	Taxi driving
4	Perseverance	4	Basic vehicle servicing
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	832	Car, van and motorcycle drivers
Unit group	8322	Car, taxi and van drivers
Occupation	832204	Ambulance Driver

Occupation summary

Drive ambulance or assist the ambulance driver for transporting patients or the injured during recovery, and assist in carrying patients.

Main accountabilities

1	Drive the ambulance for transporting patients or the injured during recovery.
2	Accompany ambulance workers and medical emergency technicians, and assist them, when requested.
3	Lay patients on stretchers, get them into ambulances, and assist other laborers in conveying patients.
4	Maintain hygienic conditions inside the ambulance, and clean devices and linens.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Driving
3	Self Development	3	Medical documentation
4	Perseverance	4	Vehicle inspection
5		5	Vehicle care

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	832	Car, van and motorcycle drivers
Unit group	8322	Car, taxi and van drivers
Occupation	832205	Minitruck driver

Occupation summary

Operate & drive the van, comply with workflows, besides rules of traffic, safety as well as the periodical inspection proceedings of van, and report maintenance requests to the concerned body

Main accountabilities

1	Operate & drive the van and comply with workflows, as per the action plans.
2	Comply with rules of traffic, safety and security, besides warn not to commit any regulatory violations.
3	Conduct the periodical checks over the van, and address any minor troubles that maybe encountered.
4	Report maintenance requests requiring expert inspection, once any flaw is noticed.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Driving
2	Goals/ results Oriented	2	Traffic safety regulations
3	Self Development	3	Basic vehicle servicing
4	Perseverance	4	Vehicle care
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	832	Car, van and motorcycle drivers
Unit group	8322	Car, taxi and van drivers
Occupation	832206	Valet Parking Attendant

Occupation summary

Park cars on behalf of guests in a safe manner, and carry out parking tasks such as receipt of payments

Main accountabilities

1	Drive customer cars to designated parking areas and return cars to them upon request
2	Keep parking in clean and safe manner and carry out related activities and services.
3	Receive payments immediately.
4	Follow health, safety and environment policies and procedures.
5	Ensure maintaining car during parking, and return the same to its owner properly.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Parking space surveillance
3	Self Development	3	Car driving
4	Perseverance	4	Customer services
5		5	Vehicle care

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	833	Heavy truck and bus drivers
Unit group	8331	Bus and tram drivers
Occupation	833101	Truck Driver

Occupation summary

Drive the truck for transporting passengers, comply with rules of traffic, security, safety as well as the periodical inspection proceedings of truck, and report maintenance requests to the concerned body.

Main accountabilities

1	Drive truck for transporting passengers from one place to another, ensure the adherence to time schedules, and report in case of any emergency delay.
2	Comply with rules of traffic, safety and security, besides warn not to commit any regulatory violations.
3	Conduct the periodical checks over the truck, and address any minor troubles that maybe encountered.
4	Report maintenance requests requiring expert inspection, once any flaw is noticed, while driving the truck.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Bus driving
3	Self Development	3	Public transport (driving)
4	Perseverance	4	Trailer driving
5		5	Basic vehicle servicing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	833	Heavy truck and bus drivers
Unit group	8331	Bus and tram drivers
Occupation	833102	Tram Driver

Occupation summary

Drive the tram for transporting passengers and goods safely and without delay.

Main accountabilities

1	Drive the tram, in accordance with transportation laws, regulations and related procedures.
2	Drive the tram and ensure moving from one station to another, as per the procedures regulating the movement of tram, while sticking to the time schedule.
3	Maintain the tram clean, coordinate with mechanics and electricians; for purpose of maintenance and reparation.
4	Summarize result of inspection of tram crew prior to journey's starting, maintain regular communications along journey, and take the responsibility of passenger safety and tasks of crew members.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Public transport (driving)
3	Self Development	3	Passenger transport
4	Perseverance	4	Safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	833	Heavy truck and bus drivers
Unit group	8332	Heavy truck and lorry drivers
Occupation	833201	Truck Driver

Occupation summary

Drive the truck for transporting goods and heavy materials safely and without delay.

Main accountabilities

1	Drive the tank truck, as per transportation laws, regulations & action plans.
2	Check the engine, brakes and general condition of truck, prior to the beginning of each journey.
3	Maintain the truck clean, coordinate with mechanics and electricians; for purpose of maintenance and reparation.
4	Adherence to time schedules determined for transition in cities.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Delivery lorry driving
3	Self Development	3	Logging truck driving
4	Perseverance	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	833	Heavy truck and bus drivers
Unit group	8332	Heavy truck and lorry drivers
Occupation	833202	Tank Truck

Occupation summary

Drive the tank trucks for transporting gas and liquids safely and without delay.

Main accountabilities

1	Drive the tank truck, as per transportation laws, regulations & action plans.
2	Transport water to the residential sites within districts, stockyards or facilities, and transport gas to the specified areas.
3	Conduct the periodical checks over the car and address any minor troubles that maybe encountered.
4	Stick to time schedules and systems, while unloading gas or liquids at the appropriate places.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Driving heavy equipment
3	Self Development	3	Tank transport
4	Perseverance	4	Safety regulations
5		5	Vehicle care

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	833	Heavy truck and bus drivers
Unit group	8332	Heavy truck and lorry drivers
Occupation	833203	Trailer Truck Driver

Occupation summary

Drive the trailer truck for transporting goods and heavy materials safely and without delay.

Main accountabilities

1	Drive the trailer truck, as per transportation laws, regulations & action plans.
2	Check the engine, brakes and general condition of truck, prior to the beginning of each journey.
3	Maintain the trailer truck clean, coordinate with mechanics and electricians; for purpose of maintenance and reparation.
4	Stick to time schedules and systems.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Driving
2	Goals/ results Oriented	2	Traffic safety regulations
3	Self Development	3	Basic vehicle servicing
4	Perseverance	4	Vehicle care
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	833	Heavy truck and bus drivers
Unit group	8332	Heavy truck and lorry drivers
Occupation	833204	Concrete Mixer Driver

Occupation summary

Drive concrete mixer, operate mixing machinery and ensure production quality.

Main accountabilities

1	Drive the concrete mixer, as per transportation laws, regulations & action plans.
2	Operate the concrete mixer machinery, after placing the materials and chemicals need to be transported.
3	Conduct the routine preventive maintenance inspections to detect damages in the parts; identify the problems; and take the corrective action.
4	Clean the equipment and perform the basic maintenance; report the breakdowns to the maintenance technicians or mechanics; and keep a record of the completed work.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Concrete mixers
3	Self Development	3	Batch mixing
4	Perseverance	4	Safety regulations
5		5	Vehicle care

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	833	Heavy truck and bus drivers
Unit group	8332	Heavy truck and lorry drivers
Occupation	833205	Garbage Truck Driver

Occupation summary

Drive trucks for lifting garbage and placing the same at the allocated spots safely and without delay.

Main accountabilities

1	Drive the garbage truck, as per transportation laws, regulations & action plans.
2	Check the engine, brakes and general condition of truck, prior to the beginning of each journey.
3	Maintain the garbage truck clean.
4	Coordinate with mechanics and electricians; for purposes of maintenance and reparation.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Tipper driving
2	Goals/ results Oriented	2	Traffic safety regulations
3	Self Development	3	Basic vehicle servicing
4	Perseverance	4	Vehicle care
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8341	Mobile farm and forestry plant operators
Occupation	834101	Agricultural Tractor Driver

Occupation summary

Drive the agricultural tractor on public roads and fields, check the operation and service of agricultural machinery affixed to the tractor, and apply occupational safety rules.

Main accountabilities

1	Check tractor devices and the elements of engine refrigeration cycle, in terms of water level and fan belt.
2	Check the oil level in the transmission capacity systems.
3	Operate, control and service agricultural machinery.
4	Check the air pressure in tires, and the general condition thereof.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Tractor driving
3	Self Development	3	Farm machinery operating
4	Perseverance	4	Safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8341	Mobile farm and forestry plant operators
Occupation	834102	Agricultural Equipment Operator

Occupation summary

Operate the transitional & special-purpose agricultural machinery, equipment and vehicles.

Main accountabilities

1	Drive, operate, prepare and direct the transitional & special-purpose agricultural machinery, equipment and vehicles, and adjust variables, such as: equipment speed, height or penetration depth.
2	Check and clean the agricultural equipment, before & after utilization.
3	Carry out the works of maintenance and basic service of agricultural equipment.
4	Ensure making complex reparations & maintenance by experts.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Trailer driving
3	Self Development	3	Farm machinery operating
4	Perseverance	4	Tractor driving
5		5	Tractor driving

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8341	Mobile farm and forestry plant operators
Occupation	834103	Mobile pest spraying equipment operator

Occupation summary

Operate, inspect and adjust various spraying equipment and follow occupational health and safety procedures.

Main accountabilities

1	Execute mobile spraying procedures for pest disposal.
2	Adjust both the amount of pesticides or spray solutions per unit area.
3	Monitor the speed of the tractor, car or aircraft during the spraying process.
4	Adjust the amount of pressure inside sprayers, the type of spraying machines and the sizes and height of the spray.
5	Taking into consideration the appropriate weather conditions in terms of wind speed, temperature and relative humidity of the spraying processes.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Driving
3	Self Development	3	Farm machinery operating
4	Perseverance	4	Safety regulations
5		5	Batch mixing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8341	Mobile farm and forestry plant operators
Occupation	834104	Mobile irrigation equipment operator

Occupation summary

Operate, inspect and adjust various irrigation equipment and follow occupational health and safety procedures.

Main accountabilities

1	Operate and inspect various irrigation equipment, such as: Horizontal, vertical and submersible equipment.
2	Check the power units for the operating pumps, such as internal combustion engines, electric motors and fertilizer spreading machine.
3	Conduct periodic service for internal combustion engines, operating switches and electric presses.
4	Conduct preventive maintenance of irrigation equipment, inspect tubing and pipes and main irrigation lines.
5	Follow OHS procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Driving
3	Self Development	3	Farm machinery operating
4	Perseverance	4	Safety regulations
5		5	Operating water and sewage pump

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8342	Earthmoving and related plant operators
Occupation	834201	Loader Operator

Occupation summary

Operate the loader according to the established work plans, follow occupational safety and health procedures during its use.

Main accountabilities

1	Drive and operate the loader according to established work plans.
2	Operate the loader to transport the soil or materials to be transported, loaded or placed in the designated places.
3	Use loader-prepared tracks to ensure optimal use.
4	Inspect the loader and perform simple maintenance procedures.
5	Follow OHS procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Stevedore work
3	Self Development	3	Excavator loader
4	Perseverance	4	Vehicle care
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8342	Earthmoving and related plant operators
Occupation	834202	Road Roller Operator

Occupation summary

Operate a road roller and similar equipment for paving, leveling, or compacting the ground.

Main accountabilities

1	Operate a road roller for leveling the ground.
2	Monitor the vehicle and place it in a suitable location; secure the road prior to transportation.
3	Perform the routine inspections as a part of the preventative maintenance process; and identify damages to the machine.
4	Support vehicle maintenance and repair.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Asphalt coating
3	Self Development	3	Asphalt crushing
4	Perseverance	4	Bridge construction
5		5	Concrete work

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8342	Earthmoving and related plant operators
Occupation	834203	Bulldozer Operator

Occupation summary

Drive and operate the bulldozer, cut and dredge dirt and rocks off the road path, and follow professional safety procedures.

Main accountabilities

1	Daily checking and inspection of the bulldozer.
2	Check the fuel system elements and system leaks.
3	Ensure the adequacy of the oil and the safety of hoses and fittings.
4	Send the bulldozer for maintenance when it is suspected of malfunctions.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Wheel loader
3	Self Development	3	Caterpillar bulldozer
4	Perseverance	4	Safety regulations
5		5	Digging, filling and draining

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8342	Earthmoving and related plant operators
Occupation	834204	Excavator Operator

Occupation summary

Operate excavators to dig earth, transport and unload dirt, rocks and similar materials.

Main accountabilities

1	Operate the front loading vehicle and excavators to dig the earth, move the dirt, level the ground surface, erect structures and pour concrete.
2	Monitor the vehicle and place it in a suitable location; secure the road prior to transportation.
3	Perform the routine inspections as a part of the preventative maintenance process; and identify damages to the machine.
4	Support vehicle maintenance and repair.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Crane driving
3	Self Development	3	Bulldozer
4	Perseverance	4	Caterpillar bulldozer
5		5	Mechanical repair work

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8342	Earthmoving and related plant operators
Occupation	834205	Asphalt Paver Operator

Occupation summary

Operate and inspect asphalt equipment, drive the asphalt paver, receive, unload and compress asphalt mixtures on the road surface.

Main accountabilities

1	Driving and directing the asphalt paver.
2	Perform daily inspection of the paving equipment and the cooling system elements of the asphalt paver's engine.
3	Receive asphalt mixtures and unload them on the road surface.
4	Compress asphalt mixtures according to the supervisor's instructions.
5	Clean the mechanism when the work is done and follow the safety policies.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Road roller
3	Self Development	3	Asphalt coating
4	Perseverance	4	Asphalt crushing
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8342	Earthmoving and related plant operators
Occupation	834206	Grader Operator

Occupation summary

Operate the grader to level and grade the ground.

Main accountabilities

1	Operate the grader and adjust the grading equipment.
2	Monitor the vehicle and place it in a suitable location; secure the road prior to transportation.
3	Perform the routine inspections as a part of the preventative maintenance process; and identify damages to the machine.
4	Support vehicle maintenance and repair.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Asphalt coating
3	Self Development	3	Asphalt crushing
4	Perseverance	4	Road roller
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8342	Earthmoving and related plant operators
Occupation	834207	Heavy truck Driver

Occupation summary

Drive and monitor the performance of a dirt moving machinery, or a road vehicles, and follow traffic rules and safety procedures.

Main accountabilities

1	Inspect, equip and operate one of the dirt moving machineries, such as bulldozers, and excavators, or one of the other road machineries such as leveling, compacting, asphalt paving and loading machineries.
2	Driving heavy machinery, taking into account the rules and laws of driving a heavy machinery on the roads and the traffic rules.
3	Monitoring the performance of the dirt moving machinery in terms of penetration and leveling the ground surface and rocks in road and site construction.
4	Monitoring the performance of a road mechanism in terms of road leveling, compaction, asphalt paving and loading.
5	Implement preventive maintenance procedures for heavy machinery as per the manufacturer's instructions and the supervisor's instructions.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Driving heavy equipment
2	Goals/ results Oriented	2	Traffic safety regulations
3	Self Development	3	Basic vehicle servicing
4	Perseverance	4	Vehicle care
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8343	Crane, hoist and related plant operators
Occupation	834301	Crane Operator

Occupation summary

Operate fixed and mobile cranes to lift, transport, position or assemble workers, equipment and materials.

Main accountabilities

1	Operate fixed and mobile cranes to lift workers, equipment and materials, transport them and position them in their duty stations.
2	Monitor the vehicle and place it in a suitable location; secure the road prior to transportation.
3	Perform the routine inspections as a part of the preventative maintenance process; and identify damages to the machine.
4	Support vehicle maintenance and repair.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Crane driving
3	Self Development	3	Crane driving
4	Perseverance	4	Process monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8343	Crane, hoist and related plant operators
Occupation	834302	Winch Operator

Occupation summary

Drive and operate mobile winches, load and unload materials, while following occupational health and safety procedures and instructions.

Main accountabilities

1	Drive the winch in accordance with the rules and instructions of traffic and according to the set work plans.
2	Check the load and match it to the load capacity of the winch's pulley.
3	Operate the winch, taking into account the allowed lifting limits.
4	Conduct daily winch inspection, inspect the elements of the engine cooling system in terms of radiators' water level and the safety of hoses.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Crane driving
3	Self Development	3	Weighing machine operation
4	Perseverance	4	Counter-weight truck
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8343	Crane, hoist and related plant operators
Occupation	834303	Cranes Coordinator

Occupation summary

Inspect the site and cranes available, guide the operators of tower and telescopic cranes, and coordinate the movement of transport and handling works.

Main accountabilities

1	Explore the project site generally, and inspect the material storage areas.
2	Check the cranes available on site, and monitor how they work and the nature of their movement.
3	Determine the appropriate crane operators' steering methods, and give signals necessary to move the cranes in order to start the process of lifting the parts and loads to be transported and handled.
4	Follow the attaching of the parts and loads to be transferred, and check the integrity and durability of the link.
5	Follow up the process of unloading while abiding by the HSE policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Styling
3	Self Development	3	Track surveillance
4	Perseverance	4	Process monitoring
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8344	Lifting truck operators
Occupation	834401	Forklift driver

Occupation summary

Operating forklifts for loading, unloading and stacking goods.

Main accountabilities

1	Operating forklift and similar machineries for loading, unloading, transporting and stacking goods and platforms in various facilities.
2	Monitor the vehicle and place it in a suitable location; secure the road prior to transportation.
3	Perform the routine inspections as a part of the preventative maintenance process; and identify damages to the machine.
4	Support vehicle maintenance and repair.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Fork-lift truck driving
3	Self Development	3	Warehouse work
4	Perseverance	4	Vehicle inspection
5		5	Mechanical repair work

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	834	Mobile plant operators
Unit group	8344	Lifting truck operators
Occupation	834402	Tower Crane Operator

Occupation summary

Assemble, install and fix the tower crane and connect steel cables, and operating the crane for lifting and handling materials.

Main accountabilities

1	Determine the crane's installation site, the height range, the arm length, then assemble the tower, install the arms, connect the steel cables and install the base of the tower by establishing the concrete blocks.
2	Operate the electric motor, rotate the tower arm, advance and retract fulcrum, and elevate and descend the load attaching point.
3	Lift and lower the load and rotate the tower according to the ground controller signals.
4	Record and document the operating hours.
5	Grease and lubricate the crane's moving elements.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Tower crane
3	Self Development	3	Crane driving
4	Perseverance	4	Cable installations
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	835	Ships' deck crews and related workers
Unit group	8350	Ships' deck crews and related workers
Occupation	835001	Helmsman

Occupation summary

Guide ships based on the helmsman's orders, detect potential hazards in the ship's course, and undertaking maintenance, cleaning, record keeping and support activities.

Main accountabilities

1	Navigate ships as instructed and steer the rudder.
2	Maintains a continuous watch for obstacles in the ships' course and measure the depth of the water.
3	Operate rescue equipment to reduce damages and operate safety equipment.
4	Preserve and maintaining the deck and its equipment, carry out cleaning, abrasion, painting and other maintenance tasks required for both ship's deck and structure.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Pilot work (ship navigation)
2	Goals/ results Oriented	2	Sailing
3	Self Development	3	Maritime law
4	Perseverance	4	Automatic Radar Plotting Aid (ARPA)
5		5	Ship registers

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	835	Ships' deck crews and related workers
Unit group	8350	Ships' deck crews and related workers
Occupation	835002	Sailor

Occupation summary

Implement the instructions and directions of the ship's commanders to ensure the completion of the voyage, handling the contents of the ship and its equipment as directed, reading the meters, operating, adjusting the equipment according to the instructions, and carrying out the cleaning work of the ship's deck and structure.

Main accountabilities

1	Implement the instructions and directives of the ship's commanders to ensure the completion of the journey as required in accordance with the policies and procedures organized.
2	Handling the contents of the ship and its equipment according to the directives of the ship's command, and ensuring its availability and presence in the designated places.
3	Reading meters and operating and adjusting devices according to the instructions of the ship's captain.
4	Preserve and maintain the deck and its equipment, and carry out the necessary cleaning work of both deck and structure.
5	Full compliance with manuals, procedures and specification manuals, standards, policies and general safety rules.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Ship's deck operation
3	Self Development	3	Loading and unloading works
4	Perseverance	4	Ship cleaning
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	835	Ships' deck crews and related workers
Unit group	8350	Ships' deck crews and related workers
Occupation	835003	Ship equipment operator

Occupation summary

Operate of various types of ship equipment and diagnose faults.

Main accountabilities

1	Operate various ship equipment such as rescue equipment to minimize damage.
2	Monitor the equipment and put it in a suitable place.
3	Inspect lifeboats winches and life jackets.
4	Perform daily inspection of equipment, to detect malfunctions and replace damaged equipment.
5	Follow health, safety and environment policies and procedures.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Ship's deck operation
3	Self Development	3	Ship's engines
4	Perseverance	4	Safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	8	Plant and machine operators, and assemblers
Sub-major group	83	Drivers and mobile plant operators
Minor group	835	Ships' deck crews and related workers
Unit group	8350	Ships' deck crews and related workers
Occupation	835004	Dock worker

Occupation summary

Carry out inspections to detect potential hazards in the ships' course, assist in the general tasks on board, such as maintenance and cleaning.

Main accountabilities

1	Maintain a continuous watch for obstacles in the ships' course and measure the depth of the water.
2	Navigate ships as instructed and steer the rudder.
3	Handling ropes in order to secure ships to the wharf, connect the ships together, using towing ropes.
4	Dealing with the ship's equipment as directed by the captain, the second mate and the ship's guide.
5	Preserve and maintaining the deck and its equipment, carry out cleaning, abrasion, painting and other maintenance tasks required for both ship's deck and structure.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Personal skills and development
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Machine Operating
2	Goals/ results Oriented	2	Ship surveillance
3	Self Development	3	Cruise-ship
4	Perseverance	4	
5		5	