

The seventh Major group: Craft and related trades workers



Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7111	House builders
Occupation	711101	Builder

Occupation summary

Active participation in the construction processes based on the developed diagrams and technical drawings.

Main accountabilities

1	Participate in the preparation of the site for the construction of buildings, removal of obstacles and leveling of land.
2	Assistance with craftsmen tasks including bricklaying, floor covering, painting and coating.
3	Implement and interpret construction instructions, blueprints, drawings and diagrams.
4	Organize and supervise the activities performed by workers, subcontractors and other workers.
5	Compliance with 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	Handicrafts
2	Organization	2	Heavy work/construction
3	Perseverance	3	Construction materials
4	Self Development	4	Scaffolding
5		5	Reading of technical drawings

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7111	House builders
Occupation	711102	Clay mason

Occupation summary

Active participation in the construction processes based on the developed diagrams and technical drawings.

Main accountabilities

1	Lay strings to set the foundations, for the ground to be drilled to the specified depth.
2	Remove excess mortar using a trowel, cleaning and polishing all new surfaces.
3	Measure the distance from the reference points and set a guiding mark.
4	Inspection of structures to identify repairs required, then repairing damaged or worn parts and replacing them.
5	Compliance with 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	Handicrafts
2	Organization	2	Heavy work/construction
3	Perseverance	3	Construction materials
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7112	Bricklayers and related workers
Occupation	711201	Brick mason

Occupation summary

Lay and fix brick building materials and repair walls, partitions and arches based on the diagrams and technical drawings.

Main accountabilities

1	Cut and prepare bricks and structural tiles, mix and pouring mortar, and lay bricks.
2	Remove excess mortar using a trowel, clean and polish all new surfaces.
3	Measure the distance from the reference points and set a guiding mark.
4	Determination of vertical and horizontal alignment using plumb bob, measuring tape and spirit level.
5	Inspection of structures to identify repairs required, then repairing damaged or worn out parts and replacing them.

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	Handicrafts
2	Organization	2	Block casting
3	Perseverance	3	Construction materials
4	Self Development	4	Chimney bricklaying
5		5	Cement moulding

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7112	Bricklayers and related workers
Occupation	711202	Chimneys builder

Occupation summary

Lay and install building materials such as bricks and building tiles for chimney construction based on the drawings and work plans.

Main accountabilities

1	Cut and prepare bricks and structural tiles, mix and pouring mortar, and lay bricks.
2	Remove excess mortar using a trowel, clean and polish all new surfaces.
3	Measure the distance from the reference points and set a guiding mark.
4	Determination of vertical and horizontal alignment using plumb bob, measuring tape and spirit level.
5	Inspection of structures to identify repairs required, then repairing damaged or worn out parts and replacing them.

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	Handicrafts
2	Organization	2	Chimney bricklaying
3	Perseverance	3	Construction materials
4	Self Development	4	Cement moulding
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7113	Stonemasons, stone cutters, splitters and carvers
Occupation	711301	Stone mason

Occupation summary

Build, maintain and repair stone structures such as columns and walls in based on drawings and work plans.

Main accountabilities

1	Perform vertical and horizontal alignment using plumb bob, measuring tape and spirit level.
2	Form and cut marble or stone, using power saws, cutting equipment and other tools.
3	Lay building stones or marble in place and fix it using mortar and gypsum.
4	Spread mortar using a trowel to fill the gaps and holes between the stones, clean the mortar and excess plaster of the surface.
5	Inspection of structures to identify repairs required, then repairing damaged or worn out parts and replacing them.

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	Handicrafts
2	Organization	2	Stone setting
3	Perseverance	3	Buildings maintenance
4	Self Development	4	Ceiling fitting
5		5	Facade construction

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7113	Stonemasons, stone cutters, splitters and carvers
Occupation	711302	Stone engraver

Occupation summary

Itch and engrave on stone and select, cut and saw the appropriate stone blocks for work to ensure the quality of production.

Main accountabilities

1	Prepare equipment and engraving materials required for operations, to form rocks according to the required specifications.
2	Prepare the cutting machines according to the required depth and size according to the design specifications, and operate these machines.
3	Engrave templates and designs and printing them on stone surfaces.
4	Sand rock surfaces and trim corners using special tools.
5	Polish and smooth surfaces with various polishing tools, ensure compliance with specifications and product quality.

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	Handicrafts
2	Organization	2	Decorative painting
3	Perseverance	3	Stone engraving
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7113	Stonemasons, stone cutters, splitters and carvers
Occupation	711303	Stone cutter

Occupation summary

Estimate the required quantities of stone, prepare tools and equipment needed to cut and shape the building stone on site, and shape and prepare building stones according to the specified sizes and the required engraving, measure (estimate) completed work and calculate costs.

Main accountabilities

1	Estimate the required amount of stone, distinguish the different types of building stone, inscriptions and common nomenclature of stone used in construction, and coordinate with the building stone supplier when preparing orders.
2	Prepare tools and equipment for cutting, shaping and trimming building stone, cut stone in the required dimensions, shape it according to the geometric shapes specified in the diagrams, and trim the building stone using hammering and grinding techniques.
3	Cut and shape pieces of stone arches according to the cutting and shaping molds (patterns).
4	Make the necessary holes in the building stones to ensure propelling and the fixation holes in the sides of the stone.
5	Measure the quantity of completed concrete work and calculate the cost.

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	Handicrafts
2	Organization	2	Stone blocks Cutting
3	Perseverance	3	Stonemasonry
4	Self Development	4	Stone setting
5		5	Stone engraving

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7114	Concrete placers, concrete finishers and related workers
Occupation	711401	Concrete finisher

Occupation summary

Prepare materials and tools necessary for the preparation and pouring of concrete mix, follow-up the preparation of concrete mixes on site, and pour concrete structural elements and level it.

Main accountabilities

1	Estimate work materials, select the necessary tools and equipment, and follow up the processing of concrete mixes according to the specified percentages of building materials and the appropriate texture.
2	Check the readiness of the wooden or metal structures for pouring the concrete mix and making sure of being problem free.
3	Pour concrete structural elements according to the specified levels, spread concrete and monitor the texture and vibrate concrete mixture, level and finish concrete surfaces according to specifications.
4	Follow-up hydrating (watering) concrete as specified in the specifications.
5	Determine the completed concrete works and calculating the cost.

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	Handicrafts
2	Organization	2	Concrete work
3	Perseverance	3	Concrete blasting
4	Self Development	4	Concrete casting
5		5	Concrete mixers

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7114	Concrete placers, concrete finishers and related workers
Occupation	711402	Ready-mixed concrete finisher

Occupation summary

Construct reinforced concrete structures and structural parts, such as columns, supports, floors and walls.

Main accountabilities

1	Study designs and specifications, collect or assemble casting molds and fix them in their places.
2	Signal for help in transporting ready-mixed concrete.
3	Pour concrete into casting mold.
4	Level and smooth concrete surface.
5	Remove casting mold when the concrete is dry, and follow the occupational health and safety 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	Handicrafts
2	Organization	2	Concrete structures
3	Perseverance	3	Concrete casting
4	Self Development	4	Concrete blasting
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7114	Concrete placers, concrete finishers and related workers
Occupation	711403	Plasterer

Occupation summary

Conduct Plastering works of buildings and fences using different materials such as cement, gypsum or granite, and the related preparation of necessary materials.

Main accountabilities

1	Knowledge of plastering tools and equipment and methods of use.
2	Knowledge of the principles and types of plastering.
3	The ability to determine ratios and to level roof and wall surfaces.
4	Compliance with HSE policies and procedures.
5	

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	Handicrafts
2	Organization	2	Surface blasting
3	Perseverance	3	Concrete/asphalt surfaces
4	Self Development	4	Concrete blasting
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7114	Concrete placers, concrete finishers and related workers
Occupation	711404	Mosaic Forming and pouring worker

Occupation summary

Create special surfaces, finish interior and exterior surfaces of buildings and gardens and combine inlaid or decorative dyed concrete with small pieces of marble, glass, granite or quartz.

Main accountabilities

1	Develop designs and estimate the quantity of materials and equipment needed based on the blueprints.
2	Mix materials for the production of gypsum, concrete and clay, spray colored marble pieces and iron powder on the mixture.
3	Pour the mosaic mixture into molds and wooden frames and spread, level and finish it.
4	Treat the final surface, cover it with a layer of waterproofing and insulation material.
5	Compliance with 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	Handicrafts
2	Organization	2	Construction materials
3	Perseverance	3	Flooring
4	Self Development	4	Terrazzo-laying
5		5	Painting and surface coating

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7115	Carpenters and joiners
Occupation	711501	Carpenter

Occupation summary

Take the measurements from the site or from the diagrams and executive drawings, determine the work materials and specifications and estimate the quantities and cost, form wood pieces using tools and woodworking machines, assemble the carpentry of buildings and install it on site, and assemble and maintaining wooden furniture and woodworks.

Main accountabilities

1	Take the measurements from the site or from the diagrams and executive drawings, determine the work materials and specifications and estimate the quantities and cost.
2	Form woodwork pieces using hand tools and woodworking machinery such as: Sawing, thickening, leveling, finishing, hammering and sorting machines, according to diagrams and executive drawings.
3	Assemble building woodworks, such as doors, windows, drawers and interior decoration pieces and install them on site.
4	Assemble wooden furniture parts according to the executive drawings.
5	

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	Handicrafts
2	Organization	2	Carpentry
3	Perseverance	3	Furniture
4	Self Development	4	Ornaments (woodwork)
5		5	Woodwork

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7115	Carpenters and joiners
Occupation	711502	Construction formwork Carpenter.

Occupation summary

Assemble and support construction formwork based on forms to be made, through the implementation of drawing and form plans.

Main accountabilities

1	Determine the sizes and shapes of formworks necessary for pouring the bases, columns and concrete walls based on diagrams and executive drawings.
2	Assemble formwork according to the prepared diagrams and drawings.
3	Build wooden trusses for the installation of roof tile.
4	Determine completed work and calculate cost.
5	

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	Handicrafts
2	Organization	2	Construction carpentry
3	Perseverance	3	Building with timber
4	Self Development	4	Timber structures
5		5	Wood sorting

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7115	Carpenters and joiners
Occupation	711503	Wooden formwork carpenter

Occupation summary

Assemble and support wooden formwork for pouring bases, columns and concrete walls, and build trusses for roof tiles installation.

Main accountabilities

1	Determine the sizes and shapes of formworks necessary for pouring bases, columns and concrete walls based on diagrams and executive drawings.
2	Assemble and support wooden formwork for pouring concrete bases, columns and walls.
3	Assemble and support wooden formwork for pouring concrete ceilings.
4	Build wooden trusses for the installation of roof tile.
5	

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	Handicrafts
2	Organization	2	Construction carpentry
3	Perseverance	3	Building with timber
4	Self Development	4	Timber structures
5		5	Wood sorting

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7115	Carpenters and joiners
Occupation	711504	Ship Carpenter

Occupation summary

Design and repair of structural woodwork related to ships and wooden equipment according to diagrams and drawings.

Main accountabilities

1	Build floors, doors and walls using woodworking machines, saws, hammers, arches and other woodworking tools.
2	Operate winches controls to raise or lower the anchor.
3	Assemble and fix parts using adhesives, hand tools and power tools.
4	Maintenance of woodwork.
5	Compliance with 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	Handicrafts
2	Organization	2	Construction carpentry
3	Perseverance	3	Timber structures
4	Self Development	4	Treatment of wood surfaces
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	711	Building frame and related trades workers
Unit group	7119	Building frame and related trades workers not elsewhere classified
Occupation	711901	Scaffold Laborer

Occupation summary

Install scaffolds and work platforms for construction projects and other activities, such as cleaning and restoration works.

Main accountabilities

1	Prepare scaffolds, beams, columns and other equipment.
2	Install scaffolds and work platforms.
3	Dismantle scaffolds after completion of work, prepare materials for loading and transportation.
4	Construct slab units with a fixed base on the surface of the floor.
5	Compliance with 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	Handicrafts
2	Organization	2	Building site cleaning
3	Perseverance	3	Construction work
4	Self Development	4	Heavy lifting
5		5	Iron structure erection

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7121	Roofers
Occupation	712101	Asphalt and artificial components roofing worker

Occupation summary

Cover rooftops with several layers of insulation material, roofing sheets, hot bitumen and a layer of gravel for the finished surface.

Main accountabilities

1	Spread hot bitumen directly over the of the surface, then laying additional successive layers of hot bitumen, insulation and roofing sheets to form a roof cover.
2	Cut heavy metal and paper sheets and glue them in corners between walls.
3	Cover roofs and walls with wood panels, roof tiles, gypsum or wallpaper.
4	Lay a heavy layer of hot bitumen.
5	Compliance with 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	Handicrafts
2	Organization	2	Roof-laying
3	Perseverance	3	Ceiling fitting
4	Self Development	4	Concrete/asphalt surfaces
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7121	Roofers
Occupation	712102	Roofing Sheet metal worker

Occupation summary

Install metal sheets and other materials on buildings' roofs.

Main accountabilities

1	Develop diagrams and estimate the quantity of materials and equipment needed based on the blueprints.
2	Install metal sheets on rooftops, cut and adjust roofing materials to fit around walls and openings.
3	apply paint and coating on roofs to prevent leakage and resist moisture.
4	Inspect roofs to determine repairs required, then repair damaged or worn out parts and replace them.
5	Compliance with 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	Handicrafts
2	Organization	2	Roof-laying
3	Perseverance	3	Ceiling fitting
4	Self Development	4	Roof and front insulation
5		5	Roofing sheet (fitting)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7121	Roofers
Occupation	712103	Wood and clay roofing worker

Occupation summary

Install wood panels, clay roofing tiles and other materials on buildings' roofs.

Main accountabilities

1	Develop diagrams and estimate the quantity of materials and equipment needed based on the blueprints.
2	Install wood panels, clay roofing tiles and cut and adjust roofing materials to fit around walls and openings.
3	apply paint and coating on roofs to prevent leakage and resist moisture.
4	Inspect roofs to determine repairs required, then repair damaged or worn out parts and replace them.
5	Compliance with 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	Handicrafts
2	Organization	2	Roof-laying
3	Perseverance	3	Ceiling fitting
4	Self Development	4	Roof and front insulation
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7121	Roofers
Occupation	712104	Roof slate and tiles worker

Occupation summary

Install roof tiles and other materials on buildings' roofs.

Main accountabilities

1	Develop diagrams and estimate the quantity of materials and equipment needed based on the blueprints.
2	Install roof tiles on rooftops and cut and adjust roofing materials to fit around walls and openings.
3	apply paint and coating on roofs to prevent leakage and resist moisture.
4	Inspect roofs to determine repairs required, then repair damaged or worn out parts and replace them.
5	Compliance with 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	Handicrafts
2	Organization	2	Roof-laying
3	Perseverance	3	Ceiling fitting
4	Self Development	4	Roof and front insulation
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7122	Floor layers and tile setters
Occupation	712201	Rugs, carpets, and plastic flooring installer

Occupation summary

Lay and install rugs and carpet rolls on the floor, install interior lining and cut excess materials.

Main accountabilities

1	Develop diagrams and estimate the quantity of materials and equipment needed based on the blueprints.
2	Unroll carpets, rugs, take measurements, mark, cut, trim, and prepare interior linings based on floor diagrams.
3	Install and fit carpets and rugs using adhesives and metal fixing accessories.
4	Compliance with HSE policies and procedures.
5	

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	Handicrafts
2	Organization	2	Carpet-laying
3	Perseverance	3	Carpets
4	Self Development	4	Electrical installation
5		5	Furniture renovation

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7122	Floor layers and tile setters
Occupation	712202	Tile setter

Occupation summary

Estimate quantities of tiles and work materials, prepare surfaces, floors, stairs and walls for tile installation, tile installation on floors, yards, stairs and walls using cement tiles and ceramic tiles, install and fix ceramic tiles using adhesives, measure (estimate) finished work and calculate cost.

Main accountabilities

1	Determine the types of tiles required, specifications and sizes, estimate their quantities, determine work materials and estimate their quantities according to the estimated work plans.
2	Prepare floors and / or surfaces for tile installation according to specifications.
3	Grout tiles as specified.
4	Clean and shine tiles after grouting.
5	Maintain tile works, measure (estimate) completed works and calculate costs.

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	Handicrafts
2	Organization	2	Tiles and clinkers setting
3	Perseverance	3	Tiling
4	Self Development	4	Floor-laying
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7122	Floor layers and tile setters
Occupation	712203	Hardwood floor installer

Occupation summary

Install hardwood planks on the floors.

Main accountabilities

1	Cut wooden planks according to the width and length of the floor using a saw.
2	Fix the wood panels evenly and accurately using a hammer.
3	Cut excess wood using a saw.
4	Paint wood panels with oil, bitumen or other materials.
5	Compliance with 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	Handicrafts
2	Organization	2	Parquet floor-laying
3	Perseverance	3	Parquet floor grinding
4	Self Development	4	Floor varnishing
5		5	Floor cleaning/polishing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7122	Floor layers and tile setters
Occupation	712204	Mosaic installer

Occupation summary

Choose mosaic chips or cuts and prepare pieces of stone, ceramic, stained glass or other materials.

Main accountabilities

1	Fit and fix ceramic or other material sherds according to the model.
2	Put together similar ceramic and other material sherds on a sheet of paper and glue them.
3	Prepare the surfaces for laying a mosaic tile.
4	Apply cement and organize mosaic design.
5	Refine the surface of the design by filling the gaps and shining the surface.

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	Handicrafts
2	Organization	2	Tiling
3	Perseverance	3	Tiles and clinkers setting
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7123	Plasterers
Occupation	712301	Gypsum worker

Occupation summary

Determine work materials and specifications, estimate quantities and cost, pour gypsum works, cast and install them according to diagrams, cast and install ready-made gypsum boards, install and maintain gypsum works.

Main accountabilities

1	Determine the work materials and specifications, estimate quantities and prepare them on site according to the quantities and specifications.
2	Prepare models and form casting molds and process gypsum mixtures and pour gypsum into the molds and then remove and preserve it.
3	Install and fix gypsum works according to the approved designs.
4	Cast, install and fix gypsum works using prefabricated gypsum board and metal corners.
5	Diagnose defects in gypsum works and carry out the necessary maintenance and measure (estimate) work done and calculate the cost.

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	Handicrafts
2	Organization	2	Plaster casting
3	Perseverance	3	Stucco work
4	Self Development	4	Plaster technology
5		5	Spray plastering

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7124	Insulation workers
Occupation	712401	Pipe and boiler insulation worker

Occupation summary

Install insulation materials for pipes and boilers in the specified places according to work plans.

Main accountabilities

1	Examine the parts and determine the appropriate insulation method.
2	Conduct the necessary installations to ensure the insulation of pipes and boilers based on diagrams.
3	Finish insulated pipes and boilers, including sealants, tapes and other materials.
4	Compliance with HSE policies and procedures.
5	

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	Plumbing insulation
2	Organization	2	Insulation standards
3	Perseverance	3	Insulation technology
4	Self Development	4	Industrial pipe fitting
5		5	Safety regulations

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7124	Insulation workers
Occupation	712402	Acoustic Insulation Technician

Occupation summary

Install sound insulation materials in buildings and offices according to work plans.

Main accountabilities

1	Install acoustic insulation materials.
2	Examine parts and determine the appropriate method for performing acoustic insulation.
3	Conduct the necessary installations to ensure good acoustic insulation based on diagrams.
4	Compliance with HSE policies and procedures.
5	

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	Handicrafts
2	Organization	2	Insulation standards
3	Perseverance	3	Insulation technology
4	Self Development	4	Roof and front insulation
5		5	Injected insulation

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7124	Insulation workers
Occupation	712403	Thermal Insulation Technician

Occupation summary

Install thermal insulation materials in buildings and offices according to work plans.

Main accountabilities

1	Examine the parts and determine the appropriate insulation method.
2	Conduct the necessary installations to ensure good thermal insulation based on diagrams.
3	Finish insulated surfaces or orifices with materials including sealants, adhesive tapes and glue.
4	Compliance with HSE policies and procedures.
5	

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	Handicrafts
2	Organization	2	Environmental impact analysis
3	Perseverance	3	Heat insulation installation
4	Self Development	4	Industrial insulation (fitting)
5		5	Insulation (heating/ ventilation/sanitation systems)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7124	Insulation workers
Occupation	712404	Waterproofing Technician

Occupation summary

Install Waterproofing materials in buildings and offices according to work plans.

Main accountabilities

1	Examine the parts and determine the appropriate insulation method.
2	Conduct the necessary installations to ensure good water insulation and to resist water leaking based on diagrams.
3	Finish insulated surfaces or orifices with waterproofing materials, including sealants, adhesive tapes and glue.
4	Compliance with HSE policies and procedures.
5	

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	Handicrafts
2	Organization	2	Insulation standards
3	Perseverance	3	Insulation technology
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7125	Glaziers
Occupation	712501	A glazier

Occupation summary

Cut and shape glass and mirrors, round their edges and install them in windows, doors and frames, and install films on glass and mirrors.

Main accountabilities

1	Determine measurements and specifications of glass and mirrors required and tailor and cut glass plates and mirrors according to sizes.
2	Drill holes in glass panels and cut out shapes in glass and mirrors using glass cutters or prints.
3	Install and fix glass in doors and windows and install glass in the frames.
4	Determine forms of decoration to be applied on glass and mirrors, prepare glass prints and materials needed for installing glass coating and install coating on mirrors and glass.
5	Manufacture glassware, glass blowing and glass etching by chemical and mechanical methods.

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	Handicrafts
2	Organization	2	Flat glass fitting
3	Perseverance	3	Glass gathering
4	Self Development	4	Edge trimming (glass and ceramic)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7126	Plumbers and pipe fitters
Occupation	712601	Plumber

Occupation summary

Determine the necessary materials and specifications and estimate quantities and cost and planning the routes of domestic water networks and sewage system according to the diagrams. Cut, form, install and delivery of pipes for water and sewage networks and, install sanitary parts, water heaters, tanks and pumps and maintenance of water and sewage networks.

Main accountabilities

1	Determine the required materials and specifications, estimate quantities based on the executive plans, estimate costs and prepare work equipment and tools
2	Design the routes of water and sewage networks and follow up carving the routes in walls.
3	Cut, form, install and connect metal and plastic water network pipes and household sewage networks according to drawings.
4	Install sanitary parts, such as: Sinks, bathroom sets, washing machines and related taps, fit them to the water source and install and fit water heaters, tanks and pumps.
5	Check network pressure, leakage, and maintenance of water, sanitary and domestic sewage networks.

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	Plumbing
2	Organization	2	Plumbing services
3	Perseverance	3	Plumbing articles
4	Self Development	4	Pipe laying
5		5	Plumbing insulation

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7126	Plumbers and pipe fitters
Occupation	712602	Pipe installer

Occupation summary

Track public water and sewerage networks, cut, shape and connect public water network pipes, install and connect public sewerage pipes and maintain public water and sewerage lines.

Main accountabilities

1	Track public water and sewage networks routes according to the executive plans, estimate the quantities of pipes and connectors and its specifications and follow up the work of routes carving and preparing.
2	Form metal and plastic pipes for public water networks and couple them using different connection methods and according to diagrams.
3	Connect and install public sewage pipes.
4	Inspect and diagnose public water networks problems and carry out maintenance.
5	Inspect and diagnose malfunctions of public sewage networks and carry out maintenance.

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	Pipeline construction
2	Organization	2	Main pipe laying
3	Perseverance	3	Piping repairs
4	Self Development	4	Piping systems (repairing)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7127	Air conditioning and refrigeration mechanics
Occupation	712701	Compressor mechanic

Occupation summary

Install, maintain and repair compressors in accordance with established work plans.

Main accountabilities

1	Install compressors under the supervision of specialists in the field.
2	Inspect equipment, calibrate after installation, and ensure compliance with diagrams and specifications.
3	Inspect the equipment for defects and dangerous damages, and repair and upgrade systems.
4	Investigate failures, inspect worn out parts and equipment, as well as diagnosis, repair or replace defective components, and follow-up the completed works.
5	Compliance with 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	Handicrafts
2	Organization	2	Compression technology
3	Perseverance	3	Mechanical testing
4	Self Development	4	Equipment technology
5		5	Calibration

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7127	Air conditioning and refrigeration mechanics
Occupation	712702	HVAC Mechanic

Occupation summary

Inspect, maintain and repair heating, ventilation and air conditioning systems.

Main accountabilities

1	Install components of heating, ventilation and air-conditioning systems.
2	Install, adjust and connect pipes to be installed.
3	Perform routine inspections as part of preventative maintenance process, and identify damages to equipment.
4	Repair and replace damaged or worn out parts, and test equipment after repairing.
5	Preserve records regarding equipment's servicing and repairs.

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	Handicrafts
2	Organization	2	Eco-friendly construction
3	Perseverance	3	Equipment technology
4	Self Development	4	Heating technology
5		5	Heating, ventilation and air conditioning (fitting)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	712	Building finishers and related trades workers
Unit group	7127	Air conditioning and refrigeration mechanics
Occupation	712703	Refrigeration mechanic

Occupation summary

Install, maintain and repair cooling and air conditioning systems.

Main accountabilities

1	Install industrial, commercial and domestic refrigeration and air conditioning equipment under the supervision of specialists in this field.
2	Inspect equipment, calibrate after installation, and ensure compliance with diagrams and specifications.
3	Inspect the equipment for defects and dangerous damages, and repair and upgrade systems.
4	Investigate failures, inspect worn out parts and equipment, as well as diagnosis, repair or replace defective components, and follow-up the completed works.
5	Preserve records regarding equipment's servicing and repairs.

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	Handicrafts
2	Organization	2	Air conditioning system (maintenance)
3	Perseverance	3	Heating, ventilation and air conditioning (fitting)
4	Self Development	4	Mechanical testing
5		5	Equipment technology

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7131	Painters and related workers
Occupation	713101	Painter

Occupation summary

Prepare the necessary quantities and types of paint, prepare the necessary equipment and tools, paint concrete, wooden and metal surfaces in the buildings. In addition, pain roofs with special decorative paintings, measure paint works and calculate costs.

Main accountabilities

1	Inspect the surfaces to be painted in the buildings, determine the necessary treatments, stock take quantities and types of paint required, prepare and process equipment, tools and machinery used in the painting process.
2	Prepare various surfaces for painting, fill gaps and cracks using fillers, apply and sand wall putty.
3	Prepare paints with the required viscosity and apply appropriate foundation paints to different surfaces.
4	Paint concrete surfaces using water emulsions, oil paints, special decorative paints, paint wood surfaces using their own suitable paints, and metal surfaces with suitable paints.
5	Measure (estimate) completed work and calculate costs.

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	Handicrafts
2	Organization	2	House painting
3	Perseverance	3	Wallpaper, paint and chemical products
4	Self Development	4	Spray finishing
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7131	Painters and related workers
Occupation	713102	Wallpaper Hanger

Occupation summary

Lay a layer of plaster, cement or other similar materials on the interior walls, ceilings and partitions for protection and decorative purposes.

Main accountabilities

1	Mark, shave down, smooth and clean surfaces in order to apply plaster, gypsum and other materials.
2	Choose materials and chemicals such as plaster, gypsum, mortar and mix them, and apply a layer of plaster lining to interior part.
3	Use a variety of hand tools to create and install ornamental designs.
4	Examine and repair existing plaster works and replace worn or torn out plaster decorative pieces before fixing.
5	Compliance with 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	Handicrafts
2	Organization	2	Technical documentation
3	Perseverance	3	Plaster casting
4	Self Development	4	Spray plastering
5		5	Plaster technology

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7132	Spray painters and varnishers
Occupation	713201	Spray Painter

Occupation summary

Spray surfaces with protective or decorative material, ensure the quality of production.

Main accountabilities

1	Determine the types and quantities of materials and equipment required based on surface area and type.
2	Clean, scrape and polish surfaces with sand paper, apply base coatings and insulate paint before spraying with paint.
3	Prepare equipment and mix the chemicals to obtain the required materials.
4	Spray paint on surfaces with spraying equipment.
5	Remove insulation and protective materials.

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	Handicrafts
2	Organization	2	Spray painting (artistic)
3	Perseverance	3	Bus spray painting
4	Self Development	4	Spray finishing
5		5	Product specifications

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7132	Spray painters and varnishers
Occupation	713202	Varnish painter

Occupation summary

Apply a Varnish coating to surfaces for protective or decorative purposes, ensure the quality of production.

Main accountabilities

1	Determine the types and quantities of materials and equipment required based on surface area and type.
2	Clean, scrape and polish surfaces with sand paper, apply base coatings and insulate paint before applying varnish.
3	Prepare equipment and mix the chemicals to obtain the required materials.
4	Apply varnish to surfaces using hand and power tools.
5	Remove insulation and protective materials.

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	Handicrafts
2	Organization	2	Painting and surface coating
3	Perseverance	3	Paint removal
4	Self Development	4	Service work (painting)
5		5	Sand treatment

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7132	Spray painters and varnishers
Occupation	713203	Vehicle Spray Painter

Occupation summary

Operate and service the equipment used to paint vehicles, prepare paint mixtures and prepare the surface of the vehicle, conduct smoothing and initial priming of the surfaces to be painted, then apply putty and base coat, abide by the procedures and instructions for occupational safety and health.

Main accountabilities

1	Operate air compressors, disassemble and inspect air filter and pressure regulator and adjust it.
2	Order paint according to the color guide, prepare the paint and foundation materials for coating vehicles
3	Prepare vehicle body using base coat and special putties then spray base coat.
4	Smooth the body surface of the vehicle.
5	Isolate parts to be painted and operate convection oven.

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	Handicrafts
2	Organization	2	Car painting
3	Perseverance	3	Spray painting
4	Self Development	4	Painting and surface coating
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7132	Spray painters and varnishers
Occupation	713204	Products Spray Painter

Occupation summary

Operate and service the equipment used to paint products, prepare paint mixtures and prepare the product surface, conduct smoothing and initial priming of the surfaces to be painted, then apply putty and base coat, abide by the procedures and instructions for occupational safety and health.

Main accountabilities

1	Operate air compressors, disassemble and inspect air filter and pressure regulator and adjust it.
2	Order paint according to the color guide, prepare the paint and foundation materials for coating the equipment.
3	Prepare product's body using base coat and special putties then spray base coat.
4	Smooth the body surface of the equipment.
5	Isolate parts to be painted and operate convection oven.

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	Handicrafts
2	Organization	2	Industrial painting (iron structures)
3	Perseverance	3	Rust-prevention painting
4	Self Development	4	Machine painting
5		5	Painting and surface coating

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7133	Building structure cleaners
Occupation	713301	Building Facade Cleaner

Occupation summary

Maintain the cleanliness of the buildings' and other structures' exterior

Main accountabilities

1	Clean surfaces made of stone, brick, metal or glass using variety of methods.
2	Use a variety of cleaning tools and equipment.
3	Lubricate, clean and repair of cleaning equipment.
4	Inspect and clean internal ducts, chimneys and other similar pipes.
5	Remove asbestos and fire damaged surfaces from buildings.

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	Handicrafts
2	Organization	2	Facade cleaning
3	Perseverance	3	Chimney-sweeping
4	Self Development	4	High-pressure cleaning
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7133	Building structure cleaners
Occupation	713302	Tile cleaning worker

Occupation summary

Clean tile using various machines or hand tools, while ensuring quality.

Main accountabilities

1	Clear and polish floor tiles using machine or hand tools to remove ripples.
2	Polish small spaces and stairs
3	Lubricate, clean and repair cleaning equipment.
4	ensure the tiles shines after cleaning.
5	Compliance with 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	Handicrafts
2	Organization	2	Floor grinding
3	Perseverance	3	Grinding (conventional machine)
4	Self Development	4	Tiles and clinkers
5		5	Floor cleaning/polishing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7133	Building structure cleaners
Occupation	713303	Roofs Cleaner

Occupation summary

Maintain the cleanliness of the roofs of buildings using a variety of special tools and equipment and follow the HSE policies and procedures.

Main accountabilities

1	Wash and rinse the roofs of buildings using water and various solutions.
2	Use a variety of cleaning tools and equipment.
3	Maintain, clean, repair and return cleaning equipment.
4	Monitor the quantities of detergents and ensure they are always available.
5	Follow 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	Building exterior blast cleaning
2	Initiative	2	Cleaning (Streets/outdoors)
3	Goals/ results Oriented	3	Cleaning materials
4	Self Development	4	Using cleaning tools
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	71	Building and related trades workers, excluding electricians
Minor group	713	Painters, building structure cleaners and related trades workers
Unit group	7133	Building structure cleaners
Occupation	713304	Chimney cleaner

Occupation summary

Determine the requirements for cleaning chimneys and carry out cleaning of chimneys using the necessary methods and methods in addition to observing public health and safety rules when choosing cleaning materials.

Main accountabilities

1	Determine the tools, materials and supplies required to carry out and maintaining chimney cleaning work and ensure their availability when needed.
2	Clean chimneys using the suitable methods and means in accordance with the regulating policies and procedures.
3	Observe general health and safety rules when choosing cleaning materials.
4	Disinfect the house or area from the effects of cleaning by using the tools and devices prepared for this purpose.
5	Comply with procedural manuals, specification guides and approved standards while performing chimney cleaning.

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	Chimney-sweeping
2	Initiative	2	Ventilation cleaning
3	Goals/ results Oriented	3	Cleaning materials
4	Self Development	4	Using cleaning tools
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7211	Metal moulders and coremakers
Occupation	721101	Metal casting worker

Occupation summary

Cast metal alloys using various molds while ensuring the quality of production.

Main accountabilities

1	Transfer the molten metal by manual crucibles or by roof cranes to the casting site.
2	Pour molten metal into sand molds according to quantities.
3	Ensure the solidity of the casting and reach appropriate temperature.
4	Inspect the mold casting for defects and treat them.
5	Compliance with 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	Handicrafts
2	Organization	2	Foundry metals
3	Perseverance	3	Hand moulding
4	Self Development	4	Tempering
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7211	Metal moulders and coremakers
Occupation	721102	Metal Mold Maker

Occupation summary

Make molds for metal casting, while ensuring production quality

Main accountabilities

1	Prepare materials and equipment required for operations.
2	Make molds by hand or with auxiliary equipment.
3	Clean molds, check surface defects and repair them.
4	Prepare molds for metal casting.
5	Compliance with 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	Handicrafts
2	Organization	2	Hand moulding
3	Perseverance	3	Mould manufacture
4	Self Development	4	Mould grinding
5		5	Machine moulding

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7212	Welders and flame cutters
Occupation	721201	Welder

Occupation summary

Estimate working materials, prepare and operate welding machines and equipment, process welding joints and conduct welding operations according to specifications

Main accountabilities

1	Study the diagrams and executive drawings, determine the type of welding required and the types of electrodes and welding wires and their specifications, and estimate the necessary work materials and costs.
2	Process and operate welding machines and equipment.
3	Prepare welding joints according to specifications.
4	Weld metals using welding machines and equipment.
5	Inspect welding lines and joints, treat welding defects and clean welding lines.

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	Handicrafts
2	Organization	2	Welding
3	Perseverance	3	General welding
4	Self Development	4	Metal arc welding
5		5	Manual welding

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7212	Welders and flame cutters
Occupation	721202	Underwater welder

Occupation summary

Equip and operate underwater welding equipment, dive and scuba dive, determine the type of work, and perform underwater metal cutting and welding operations.

Main accountabilities

1	Determine the type of welding and specify the required welding line according to work requirements.
2	Provide iron materials and welding electrodes required according to quantities and specifications.
3	Prepare underwater scuba diving and diving equipment and inspect its readiness and equip it.
4	Track and apply diving schedules, and deal with ambulance and support teams.
5	Implement preventative maintenance programs for equipment.

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	Handicrafts
2	Organization	2	Welding technology
3	Perseverance	3	Submerged arc welding
4	Self Development	4	Diving
5		5	Manual welding

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7212	Welders and flame cutters
Occupation	721203	Flame cutting machine operator

Occupation summary

Extend, adjust and join parts using different methods such as heating, smelting and metal fusion.

Main accountabilities

1	Determine the weld position and type of metal and equipment used.
2	Extend, place and secure the parts.
3	Heat, form and join metal parts using welding equipment, grind coarse spots after welding using a grinder or similar hand tools.
4	Inspect and repair equipment, such as pipes, valves and tanks.
5	Compliance with 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	Handicrafts
2	Organization	2	Assembly of parts
3	Perseverance	3	Plate cutting
4	Self Development	4	Materials technology
5		5	Manual welding

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7213	Sheet metal workers
Occupation	721301	Boilers Blacksmith

Occupation summary

Manufacture and repair steam boilers and household boiler equipment, while ensuring production quality.

Main accountabilities

1	Prepare materials and equipment required for operations.
2	Cut, form and bend sheets, pipes and metal pipe fittings to build a boiler, coat pipes to prevent corrosion, assemble and install components.
3	Inspect and repair boilers and pressure pipes to identify defects such as leaks and weaknesses, and ensure compliance with diagrams and specifications.
4	Investigate breakdowns and inspect worn parts and equipment, as well as diagnosis, repair or replacement of defected components, and following-up completed works..
5	Compliance with 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	Handicrafts
2	Organization	2	Cabinet-making
3	Perseverance	3	Cabinet painting
4	Self Development	4	Furniture
5		5	Woodwork

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7213	Sheet metal workers
Occupation	721302	Copper Blacksmith

Occupation summary

Draw, cut, bend and assemble copper and brass components diagrams, inspect and repair copper equipment such as household utensils while ensuring production quality.

Main accountabilities

1	Prepare materials and equipment required for operations.
2	Cut, form and bend copper sheets to make components, coat copper surfaces to prevent corrosion, assemble and fit components.
3	Inspect equipment to identify defects and ensure compliance with diagrams and specifications.
4	Investigate breakdowns and inspect worn parts and equipment, as well as diagnosis, repair or replacement of defected components, and following-up completed works..
5	Compliance with 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	Handicrafts
2	Organization	2	Copper-work design
3	Perseverance	3	Copper forging
4	Self Development	4	Copperplate engraving
5		5	Brass casting

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7213	Sheet metal workers
Occupation	721303	Tinsmith

Occupation summary

Install and assemble welding machines and tin forming equipment, supply work materials according to quantities and specifications, form and assemble tin sheet works.

Main accountabilities

1	Install equipment according to the distribution plan and installation manuals, and operate it.
2	Choose tin sheets, and specify the sizes and shape of the desired production.
3	Process and operate tin forming equipment, such as: Automatic tin scissors, manual tin scissors and electric and manual tin sheet bender.
4	Form tin ware, such as stove chimneys and regular and irregular geometric shapes.
5	Implement preventative maintenance programs for the devices and equipment, according to preventive maintenance programs or 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	Handicrafts
2	Organization	2	Ironware work
3	Perseverance	3	Steel sheet shaping technology
4	Self Development	4	Press forging
5		5	Tempering

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7213	Sheet metal workers
Occupation	721304	Auto plumber

Occupation summary

Diagnose vehicle body and chassis damage, identify repair methods and costs, remove damaged parts, repair, modify or replace, inspect straightness and modification of the vehicle's frame and chassis, and repair the vehicle's front body malfunctions.

Main accountabilities

1	Receive the vehicle and perform a preliminary diagnosis of the damages and determine the methods of treatment and estimate the cost of works.
2	Examine damaged parts such as doors, wings, trunk lid and roof opening, remove them from vehicle body, perform restoration, straightening and repair using manual plumbing tools and oxy-acetylene welding equipment or replace damaged parts.
3	Inspect the frame and chassis of the vehicle, perform restoration, straightening and repair on the damaged part and perform the final inspection of the frame and chassis of the vehicle.
4	Inspect and repair the front suspension, front and rear bumpers and front and rear of the vehicle.
5	Examine and repair vehicle pillars and beams, repair and straighten damaged parts.

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	Handicrafts
2	Organization	2	Underbody coating
3	Perseverance	3	Car body repair
4	Self Development	4	Sheet cutter
5		5	Sheet-metal working

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7214	Structural metal preparers and erectors
Occupation	721401	Riveting worker

Occupation summary

Assemble the elements and rivet structural metal components while ensuring the quality of production.

Main accountabilities

1	Prepare metal materials and equipment required for operations.
2	Align parts to be riveted and assembled using processing equipment, fasteners, staples, clamps and other binders.
3	Shape holes around the rivet holes using handheld punching pistols or stationary punching machines.
4	Rivet structural metal components by hand, machinery or pneumatic riveting.
5	Compliance with 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	Handicrafts
2	Organization	2	Nailing (conventional machine)
3	Perseverance	3	Assembly of parts
4	Self Development	4	Metal structure erection
5		5	Construction sheet metal work

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7214	Structural metal preparers and erectors
Occupation	721402	Metal Construction Assembler

Occupation summary

Manufacture metal sheet and similar materials and repair them, ensure production quality.

Main accountabilities

1	Prepare materials and equipment required for operations.
2	Fabricate metal structures for use in various constructions.
3	Assemble the parts and join them to create a metal structure, and reform metal structures by cutting and drilling, and install such structures.
4	Inspect equipment to identify defects and ensure compliance with diagrams and specifications.
5	Compliance with 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	Handicrafts
2	Organization	2	Sheet metal
3	Perseverance	3	Metal sculpture
4	Self Development	4	Metal structure erection
5		5	Sheet cutter

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7215	Riggers and cable splicers
Occupation	721501	Wire Rope Technician

Occupation summary

Install, maintain and repair cables, wires, pulleys, ropes and other tools.

Main accountabilities

1	Install, connect and repair high voltage cables using other tools and equipment.
2	Cover the conductors with insulation or fire-resistant materials.
3	Perform routine inspections as part of preventative maintenance process, and identify damages to equipment.
4	Repair and replace damaged or worn out wires or cables, and test equipment after repair.
5	Compliance with 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	Handicrafts
2	Organization	2	Straw work
3	Perseverance	3	Splicing
4	Self Development	4	Cabling assembly
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	721	Sheet and structural metal workers, moulders and welders, and related workers
Unit group	7215	Riggers and cable splicers
Occupation	721502	Cranes Worker

Occupation summary

Install, maintain and repair crane for transportation of heavy equipment to construction sites, manufacturing plants and other purposes.

Main accountabilities

1	Install floor crane, and select tools such as cables, pulleys and levers.
2	Monitor the machine and place it in a suitable location, as well as securing both road and load prior transportation.
3	Align, level and fix machine, as well as handling installation lines, levers, and towing equipment and other equipment for load transportation.
4	Perform routine inspections as part of preventive maintenance process, and identify damages to equipment.
5	Repair and replace damaged or worn equipment, and test equipment after repairing.

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	Handicrafts
2	Organization	2	Building hoist (installation)
3	Perseverance	3	Pedestrian-controlled pallet truck
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7221	Blacksmiths, hammersmiths and forging press workers
Occupation	722101	Blacksmith

Occupation summary

Determine work materials and specifications thereof, estimate quantities and costs thereof, and manufacture and assemble steel doors, windows, awnings, and fences, as well as aluminum doors and windows. In addition to, maintenance of metal doors and windows.

Main accountabilities

1	Measure actual site, as well as determine work materials and specifications thereof, and estimate quantities and costs thereof.
2	Manufacture, form and assemble steel doors, windows, awnings, and fences by using shears and arc welding.
3	Install and fix steel doors, windows, awnings, and fences in buildings.
4	Manufacture, form and install aluminum doors and windows in buildings.
5	Maintain metal doors and windows.

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	Handicrafts
2	Organization	2	Ironware work
3	Perseverance	3	Iron painting
4	Self Development	4	Iron structure erection
5		5	Metal polishing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7221	Blacksmiths, hammersmiths and forging press workers
Occupation	722102	Press-Tool Setter

Occupation summary

Prepare, operate and take care of forming presses for honing, forming and manufacturing metal parts. In addition to, ensuring production quality.

Main accountabilities

1	Prepare materials and equipment required for operations.
2	Operate furnaces to heat metals prior to formation thereof, as well as placing and removing metal pieces therein and therefrom.
3	Operate forming presses for formation of metal materials.
4	Repair, maintain and replace mold parts, as well as honing cutting tools and drill bits by using tabletop grinders.
5	Compliance with 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	Handicrafts
2	Organization	2	Press forging
3	Perseverance	3	Tool forging
4	Self Development	4	
5		5	Press tools (manufacturing)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7221	Blacksmiths, hammersmiths and forging press workers
Occupation	722103	Power Hammer Operator

Occupation summary

Operate and serve power hammer and heating furnace, as well as formation of forgings by power hammer, and application of OHS procedures and instructions.

Main accountabilities

1	Install molds required for hammer, as well as adjustment of hummer strokes, and operation thereof.
2	Adjust heating furnace' temperature, and place forgings therein.
3	Monitor heating and move hot forgings from furnace and place thereof on hammer anvil by using appropriate forceps.
4	Hammer and form forgings by molds, and free formation thereof.
5	Clean and lubricate hammer.

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	Handicrafts
2	Organization	2	Ironware work
3	Perseverance	3	Press forging
4	Self Development	4	Tempering
5		5	Machine Operating

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7221	Blacksmiths, hammersmiths and forging press workers
Occupation	722104	Bladesmith

Occupation summary

Determine work materials and specifications thereof, estimate quantities and costs thereof, and manufacture and assemble steel doors, windows, awnings, and fences, as well as aluminum doors and windows. In addition to, maintain metal doors and windows.

Main accountabilities

1	Measure actual site, as well as determine work materials and specifications thereof, and estimate quantities and costs thereof.
2	Manufacture, form and assemble steel doors, windows, awnings, and fences by using shears and arc welding.
3	Install and fix steel doors, windows, awnings, and fences in buildings.
4	Manufacture, form and install aluminum doors and windows in buildings.
5	Maintain metal doors and windows.

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	Handicrafts
2	Organization	2	Ironware work
3	Perseverance	3	Iron painting
4	Self Development	4	Iron structure erection
5		5	Metal polishing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7222	Toolmakers and related workers
Occupation	722201	Weapons Manufacturer

Occupation summary

Study drawings and work orders regarding manufacturing weapons, and prepare raw materials and tools required for manufacturing weapons, as well as performance of preventive maintenance of used tools and devices. In addition to, use and adjustment of used devices.

Main accountabilities

1	Study drawings and work orders regarding manufacturing weapons.
2	Prepare raw materials and tools required for manufacturing weapons.
3	Implement basic maintenance of tools and devices used in manufacturing weapons, and ensure readiness thereof for work.
4	Manufacture weapons, as well as inspect outputs of each procedure, and conformity thereof to required specifications.
5	Use and adjustment of devices and tools used in manufacturing weapons, as well as cleaning and arrangement thereof in places allocated thereto.

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	Handicrafts
2	Organization	2	Firearms
3	Perseverance	3	Gun engraving
4	Self Development	4	Assembly of parts
5		5	Material testing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7222	Toolmakers and related workers
Occupation	722202	Locksmith

Occupation summary

Manufacture, install and repair of mechanical or electronic locks, as well as copying keys, and unlocking locks.

Main accountabilities

1	Install mechanical or electronic locks in accordance with prescribed work's plans and requirements.
2	Dismantle mechanical and electronic locks, as well as repair or replace wheels, springs and other worn parts.
3	Cut and form metal parts to make keys' copies, and use of key cutting and hand tools.
4	Open door and cabinets locks without keys, and use of required manual and electrical equipment.
5	Retain records of keys and locks that have been installed, repaired or copied, as well as ensuring customer's data confidentiality.

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	Handicrafts
2	Organization	2	Locksmith work
3	Perseverance	3	Door lock fitting
4	Self Development	4	Lock and security system servicing
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7222	Toolmakers and related workers
Occupation	722203	Kit & Tools Maker

Occupation summary

Manufacture custom and specialized tools such as molds, templates and machine components, as well as ensuring production quality.

Main accountabilities

1	Prepare projects by analyzing schemes and specifications, as well as planning manufacturing procedures sequence, and assembling tools.
2	Prepare drawings manually or by CAD program, as well as materials and equipment required for operations
3	Manufacture tools by using machines and lathes, and form and assemble parts according to described dimensions. In addition to, assembling components, and finishing tools.
4	Test performance of tools, and calibration thereof, as well as checking design and dimensions, and ensuring compliance with diagrams and specifications
5	Investigate breakdowns, and inspect worn parts and equipment, as well as diagnosis, repair or replace defected components, and follow-up completed works.

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	Handicrafts
2	Organization	2	Tool design
3	Perseverance	3	Tool manufacture
4	Self Development	4	Tool engineering
5		5	Machine tool setting

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7223	Metal working machine tool setters and operators
Occupation	722301	Lathe Operator

Occupation summary

Operate, monitor and maintain lathe's mechanical tools, as well as ensuring production quality, and application of OHS standards

Main accountabilities

1	Operate metal equipment such as lathing, grinding, planning, drilling, digging and honing machines.
2	Control operation of devices to detect defects in parts thereof or malfunctions therein, as well as adjustment of devices when required.
3	Inspect products upon production completion, as well as ensuring compliance with diagrams and specifications by using calibration tools, molds and measuring instruments, and returning defected products.
4	Clean equipment and perform basic maintenance, report breakdowns to maintenance technicians or mechanics, and retain a record of completed works.
5	

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	Handicrafts
2	Organization	2	Machine tools
3	Perseverance	3	Machine tool setting
4	Self Development	4	Metal working (workshop)
5		5	Punching (conventional machine)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7224	Metal polishers, wheel grinders and tool sharpeners
Occupation	722401	Metal Finisher

Occupation summary

Grind, cool, sand, and coat metal surfaces, and ensure production quality.

Main accountabilities

1	Prepare metal materials and equipment required for operations.
2	Operate manual and electrical tools for grinding, cooling, sanding, and coating of metal surfaces.
3	Inspect products to ensure that metals are free from defects, and compliance with drawn diagrams and specifications.
4	Compliance with HSE policies and procedures.
5	Clean equipment, as well as reporting breakdowns to maintenance technicians or mechanics, and retain a record of completed works.

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	Handicrafts
2	Organization	2	Machine tools
3	Perseverance	3	Machine tool setting
4	Self Development	4	Grinding (conventional machine)
5		5	Surface grinding

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	722	Blacksmiths, toolmakers and related trades workers
Unit group	7224	Metal polishers, wheel grinders and tool sharpeners
Occupation	722402	Metal Tools Stropper & Grinder

Occupation summary

Hon metal tools and equipment in accordance with regulatory policies and procedures.

Main accountabilities

1	Prepare metal materials, as well as honing wheels and tools for operations.
2	Operate manual grinding wheels and mechanical grinding machines for honing tool.
3	Inspect products to ensure that metals are free from defects, such as dents, scratches or fractures, as well as ensuring compliance with diagrams and specifications, and returning defected products.
4	Compliance with HSE policies and procedures.
5	Clean equipment and perform minor amendments according to regulatory 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	Handicrafts
2	Organization	2	Machine tools
3	Perseverance	3	Machine tool setting
4	Self Development	4	Grinding (conventional machine)
5		5	Tool grinding

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7231	Motor vehicle mechanics and repairers
Occupation	723101	Auto Mechanic

Occupation summary

Diagnose and repair of automobiles breakdowns, and implement preventive maintenance programs for equipment and devices according to maintenance manuals and instructions, as well as application of OHS procedures and instructions.

Main accountabilities

1	Inspect performance of electrical and mechanical equipment of automobiles, calibrate them upon installation, and ensuring compliance with diagrams and specifications.
2	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, and install and repair automobile systems
3	Investigate breakdowns, and inspect worn parts and equipment, as well as diagnosis, and repair or replacement of defective components, and follow-up completed works.
4	Install, maintain and repair motors as well as mechanical and electrical equipment of automobiles.
5	

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	Handicrafts
2	Organization	2	Automotive engineering
3	Perseverance	3	Cars (general repairing)
4	Self Development	4	Computer-aided trouble-shooting (automotive)
5		5	Petrol engine reconditioning

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7231	Motor vehicle mechanics and repairers
Occupation	723102	Bus Mechanic

Occupation summary

Diagnose and repair of buses breakdowns, and implement preventive maintenance programs for equipment and devices according to maintenance manuals and instructions, as well as application of OHS procedures and instructions.

Main accountabilities

1	Inspect performance of electrical and mechanical equipment of buses, calibrate them upon installation, and ensuring compliance with diagrams and specifications.
2	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, and install and repair automobile systems
3	Investigate breakdowns, and inspect worn parts and equipment, as well as diagnosis, and repair or replacement of defective components, and follow-up completed works.
4	Install, maintain and repair motors as well as mechanical and electrical equipment of buses.
5	

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	Handicrafts
2	Organization	2	Buses
3	Perseverance	3	Basic vehicle servicing
4	Self Development	4	Buses
5		5	Diesel engine reconditioning

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7231	Motor vehicle mechanics and repairers
Occupation	723103	Motorcycle Mechanic

Occupation summary

Diagnose and repair motorcycle breakdowns, and implement preventive maintenance programs for equipment and devices according to maintenance manuals and instructions, as well as application of OHS procedures and instructions.

Main accountabilities

1	Inspect performance of electrical and mechanical equipment of motorcycles, calibrate them upon installation, and ensuring compliance with diagrams and specifications.
2	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, and install and repair automobile systems
3	Investigate breakdowns, and inspect worn parts and equipment, as well as diagnosis, and repair or replacement of defective components, and follow-up completed works.
4	Install, maintain and repair motors as well as mechanical and electrical equipment of buses.
5	

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	Handicrafts
2	Organization	2	Motorcycles (repairing)
3	Perseverance	3	Basic vehicle servicing
4	Self Development	4	Moped engine (repairing)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7231	Motor vehicle mechanics and repairers
Occupation	723104	Tire Installer

Occupation summary

Install automobiles' tires according to regulatory procedures and in accordance with work diagrams prepared for such purpose.

Main accountabilities

1	Install automobiles' and various vehicles' tires according to regulatory procedures.
2	Determine tires' types, sizes and specifications based on type of automobile/vehicle.
3	Diagnose tires defects, as well as dismantlement, inspection, and re-assembly thereof, as well as dismantlement, repair and re-installation of inner tire.
4	Repair tires' holes, as well as inspection, and replacement of tire's valve stem. In addition to, inspection and adjustment of tire's pressure.
5	Replace vehicle's tires, as well as adjustment tire's balance by using balancing machine and cost determination.

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	Handicrafts
2	Organization	2	Tyrefitting
3	Perseverance	3	Balancing (tyres)
4	Self Development	4	Wheel aligning
5		5	Machine tools

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7231	Motor vehicle mechanics and repairers
Occupation	723105	Auto Glazier

Occupation summary

Test, replace and repair of windshields and windows of vehicles of various types in accordance with regulatory procedures.

Main accountabilities

1	Inspect vehicle's glass, as well as ensuring that such glass is free from damage and defects, and condition thereof allows safe driving. In addition to, identification of required repairs or replacements.
2	Remove damaged glass and ensure that case thereof is free of debris and broken glass.
3	Place a mechanical seal around vehicle's rubber belt perimeter, and align both level and thickness with rest of vehicle's windshield.
4	Reassemble new or repaired windshield of vehicle, and inspect ball joints. In addition to, testing vehicle windshield's resistance, and cleaning thereof.
5	

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	Handicrafts
2	Organization	2	Window fitting
3	Perseverance	3	Window cleaning
4	Self Development	4	Safety glass (fitting)
5		5	Cleaning in place

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7231	Motor vehicle mechanics and repairers
Occupation	723106	Vehicle's Oiler & Greaser

Occupation summary

Use tools and equipment of greasing and oiling for the purpose of oiling vehicles, as well as cleaning, filling and replacement of filters and parts of various oiling systems.

Main accountabilities

1	Check levels of accumulator solution (battery) and cooling water.
2	Determine greasing points in vehicle and perform greasing procedures in accordance with regulatory procedures.
3	Determine type and degree of engine oil, gearbox, brake fluid and hydraulic clutch fluid.
4	Report any malfunctions in oiling and greasing systems.
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	Handicrafts
2	Organization	2	Engine oils
3	Perseverance	3	Oil burner fitting
4	Self Development	4	Filtration technology
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7232	Aircraft engine mechanics and repairers
Occupation	723201	Aircraft Technician

Occupation summary

Repair aircraft breakdowns such as hydraulic systems, compressed air, landing gears, steering, suspension, wheels and brakes.

Main accountabilities

1	Inspect, diagnose and repair hydraulic system breakdowns, such as: Pumps, cylinders, pistons, valves and pipes.
2	Diagnose and repair compressed air systems breakdowns.
3	Inspect, diagnose and repair landing gear, steering, suspension and brakes failures.
4	Diagnose and repair wheels failures.
5	Inspect corrosion in gear teeth, and set clearance.

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	Handicrafts
2	Organization	2	Structural repairs (aircraft)
3	Perseverance	3	Mechanical mounting
4	Self Development	4	Aircraft cleaning
5		5	De-icing of aircrafts

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7232	Aircraft engine mechanics and repairers
Occupation	723202	Airframe Technician

Occupation summary

Inspect and repair of airframe's damaged components, and implement preventive maintenance programs for airframes according to maintenance manuals and instructions thereof, as well as application of OHS procedures and instructions.

Main accountabilities

1	Inspect airframe, wings and movable parts of tail and wings to determine the required maintenance, and replace damaged components.
2	Perform routine inspections of airframe to ensure the lack of serious damage and defects, and repair thereof.
3	Install airframe's new sheets by using required tools.
4	Inspect aircraft's doors, and safety of joints and locks, as well as Installation and removal of windows' glass.
5	Operate GTAW equipment, and perform welding operations

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	Handicrafts
2	Organization	2	Assembly (mechanics)
3	Perseverance	3	Structural repairs (aircraft)
4	Self Development	4	Sheet straightening
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7232	Aircraft engine mechanics and repairers
Occupation	723203	Aircraft Engine Technician

Occupation summary

Diagnose and repair of aircraft engine breakdowns, and implement preventive maintenance programs for aircraft engine according to maintenance manuals and instructions, as well as application of OHS procedures and instructions.

Main accountabilities

1	Diagnose and full repair of fuel injection systems breakdowns.
2	Isolate and remove engine off aircraft according to manufacturer's manuals.
3	Investigate breakdowns, as well as detect damaged parts, and repair or replace them. In addition to, retention of a record of implemented works.
4	Inspect aircraft engine's performance, as well as measurement, repair and adjustment of engine's brake power.
5	Remove compressor, combustion chambers and turbine, as well as cleaning internal parts, and inspection of bearings' condition. In addition to performance of required repairs and assembly of engine upon refurbishment thereof.

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	Handicrafts
2	Organization	2	Assembly (mechanics)
3	Perseverance	3	Electrical systems (aircraft)
4	Self Development	4	Mechanical repair work
5		5	Performance and security testing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7233	Agricultural and industrial machinery mechanics and repairers
Occupation	723301	Agricultural Equipment Technician

Occupation summary

Inspect, maintain and repair agricultural equipment, such as tractors, straw compactors and harvesters.

Main accountabilities

1	Inspect agricultural equipment prior and after use thereof, test systems, and identify problems.
2	Perform preventive maintenance of agricultural equipment and ensure proper operation thereof.
3	Investigate breakdowns, and inspect worn parts and equipment, as well as diagnosis, repair or replacement of defected components.
4	Transport equipment to workshop in the event of impracticability of maintenance on site.
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	Handicrafts
2	Organization	2	Farm machinery operating
3	Perseverance	3	Farming machines (repairing)
4	Self Development	4	Farming machines
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7233	Agricultural and industrial machinery mechanics and repairers
Occupation	723302	Heavy Equipment Technician

Occupation summary

Inspect, maintain and repair heavy hydraulic equipment such as heavy trucks, relevant construction equipment, and gasoline and diesel powered tractors.

Main accountabilities

1	Perform routine inspections as part of preventive maintenance process, and identify damages to equipment.
2	Repair and replace damaged parts, and test equipment upon repair thereof.
3	Dismantle equipment for performance of basic improvements, reassembly thereof, and provision of required parts.
4	Preserve records regarding equipment's services and repairs.
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	Handicrafts
2	Organization	2	Maintenance planning system
3	Perseverance	3	Mechanical components
4	Self Development	4	Heavy construction machinery (repairing)
5		5	Performance and security testing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7233	Agricultural and industrial machinery mechanics and repairers
Occupation	723303	Light Equipment Technician

Occupation summary

Inspect and maintain small tools, and light equipment and vehicles.

Main accountabilities

1	Perform routine inspections as part of preventive maintenance process, and identify damages to equipment.
2	Repair and replace damaged parts, and test equipment upon repair thereof.
3	Dismantle equipment for performance of basic improvements, reassembly thereof, and provision of required parts.
4	Preserve records regarding equipment's services and repairs.
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	Handicrafts
2	Organization	2	Assembly (mechanics)
3	Perseverance	3	Mechanical components
4	Self Development	4	Mechanical repair work
5		5	Performance and security testing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7233	Agricultural and industrial machinery mechanics and repairers
Occupation	723304	Train Mechanic

Occupation summary

Diagnose and repair trains breakdowns, and implement preventive maintenance programs for trains according to maintenance manuals and instructions, as well as application of OHS procedures and instructions.

Main accountabilities

1	Diagnose and repair train engine, clamps, brakes, wheels, pneumatic control systems and railroad switches breakdowns.
2	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, and repair thereof
3	Inspect engine's internal parts, as well as repair and replacement of damaged thereof.
4	Investigate breakdowns, and inspect worn parts and equipment, as well as diagnosis, repair or replacement of defected components, and following-up completed works.
5	Inspect and repair of suspension, steering and pneumatic, hydraulic and manual brakes failure.

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	Handicrafts
2	Organization	2	Stoking boilers of a steam engine
3	Perseverance	3	Steam locomotive (repairing)
4	Self Development	4	Diesel locomotive (repairing)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7233	Agricultural and industrial machinery mechanics and repairers
Occupation	723305	Mining Equipment Technician

Occupation summary

Install mining and mineral extraction equipment, and test them upon installation to ensure performance level. In addition to, investigation of breakdowns, and inspection of parts, as well as checking damaged equipment, diagnosis of damaged parts and repair or replacement. thereof.

Main accountabilities

1	Install mining and mineral extraction equipment, as well as testing, analysis and measurement of equipment regarding mining works under the supervision of mining specialists.
2	Test equipment upon installation thereof to ensure performance level, and ensuring compliance with diagram and specifications.
3	Perform routine inspections included in preventive maintenance of parts such as wheel ends, and differential gears, as well as steering, clutches and brakes machineries, in addition to machines oiling and greasing.
4	Investigate breakdowns, inspect parts, and check damaged equipment, as well as diagnosis of worn parts, and repair or replacement thereof. In addition to, retention of a record of implemented works.
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	Handicrafts
2	Organization	2	Heavy construction machinery (repairing)
3	Perseverance	3	Lorry-mounted concrete pump
4	Self Development	4	Maintenance planning system
5		5	Mechanical repair work

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7233	Agricultural and industrial machinery mechanics and repairers
Occupation	723306	Drilling Rig Mechanic

Occupation summary

Install, maintain and repair drilling rigs and equipment such as engines, motors, pumps, cranes and mobile machinery.

Main accountabilities

1	Prepare and install drilling rig machines and equipment, as well as dismantlement, collection and storage thereof after using.
2	Perform preventive maintenance of drilling rig machines and equipment.
3	Investigate breakdowns, inspect parts, and check defects in devices and equipment, as well as diagnosis of defected components, and repair or replacement thereof.
4	Inspect equipment prior and after use thereof, as well as after transportation and installation of drilling rigs.
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	Handicrafts
2	Organization	2	Equipment technology
3	Perseverance	3	Excavator
4	Self Development	4	Sheet straightening
5		5	Maintenance planning system

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7233	Agricultural and industrial machinery mechanics and repairers
Occupation	723307	Ship Mechanic

Occupation summary

Diagnose and repair ship diesel engines breakdowns, and implement preventive maintenance programs for ships according to maintenance manuals and instructions thereof, as well as application of OHS procedures and instructions.

Main accountabilities

1	Diagnose and repair speed change gearbox, thrust and steering.
2	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, and repair thereof
3	Investigate breakdowns and inspect worn parts and equipment, as well as diagnosis, repair or replacement of defected components, and following-up completed works.
4	Diagnose and repair motion systems breakdowns.
5	Inspect, repair and maintain mechanical, electrical and electronic equipment on board.

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	Handicrafts
2	Organization	2	Ship's engines
3	Perseverance	3	Mechanical repair work
4	Self Development	4	Engine (vessels)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7234	Bicycle and related repairers
Occupation	723401	NMVs Repairer

Occupation summary

Assemble vehicles, diagnose and repair vehicles breakdowns, and implement preventive maintenance programs for vehicles according to maintenance manuals and instructions thereof, as well as application of OHS procedures and instructions.

Main accountabilities

1	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, and repair thereof
2	Maintain and repair vehicle's inner tires, and replace damaged tires.
3	Perform a routine maintenance of vehicle's brakes.
4	Investigate breakdowns, and inspect parts, as well as diagnosis of defected components, repair or replacement thereof, and following-up completed works.
5	Deal with customer inquiries, offer products, and provide general advice.

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	Handicrafts
2	Organization	2	Car body repair
3	Perseverance	3	Tyrefitting
4	Self Development	4	Wheel aligning
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7234	Bicycle and related repairers
Occupation	723402	Wheelchair Repairer

Occupation summary

Assemble and inspect wheelchairs , diagnose and repair wheelchairs breakdowns, and implement preventive maintenance programs for vehicles according to maintenance manuals and instructions thereof, as well as application of OHS procedures and instructions.

Main accountabilities

1	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, and repair thereof
2	Install and replace equipment and accessories such as seats and tires.
3	Perform routine maintenance of wheelchair brakes.
4	Investigate breakdowns, and inspect parts, as well as diagnosis of defected components, repair or replacement thereof, and following-up completed works.
5	Deal with customer inquiries, offer products, and provide general advice.

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	Handicrafts
2	Organization	2	Wheelchairs (repairing)
3	Perseverance	3	Leather upholstery
4	Self Development	4	Wheel aligning
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	72	Metal, machinery and related trades workers
Minor group	723	Machinery mechanics and repairers
Unit group	7234	Bicycle and related repairers
Occupation	723403	Bicycle Repairer

Occupation summary

Assemble, inspect and repair bicycles, as well as replacement of equipment or accessories such as handlebars, bases, lights and seats, and provision of recommendations to customers.

Main accountabilities

1	Assemble, inspect and repair bicycles, as well as installment or replacement of equipment or accessories such as handlebars, bases, lights and seats.
2	Clean bicycles and components thereof, and remove paint, as well as lubrication thereof, and performance of safety inspection.
3	Dismantle bicycle parts for repairing, as well as adjustment or replacement of damaged parts.
4	Deal with customer inquiries, offer products, and provide general advice on bicycles riding.
5	

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	Handicrafts
2	Organization	2	Bicycles
3	Perseverance	3	Bicycles (repairing)
4	Self Development	4	Vehicle assembly
5		5	Assembly of parts

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7311	Precision-instrument makers and repairers
Occupation	731101	Measuring Instruments Repairer

Occupation summary

Inspect measuring Instruments, as well as identification and repair of defects thereof. In addition to dealing with customer inquiries, offering products, and provision of general advice on use of tools.

Main accountabilities

1	Inspect measuring Instruments for assessment of performance thereof, and identification of defects thereof.
2	Repair and replace instruments, as well as inspection of tools, and ensuring compliance with quality standards.
3	Deal with customer inquiries, offer products, and provide general advice on use of tools.
4	Application of OHS procedures and instructions.
5	

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	Handicrafts
2	Organization	2	Instrument maintenance
3	Perseverance	3	Reading of technical drawings
4	Self Development	4	Tool design
5		5	Shop experience (specialised trade)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7311	Precision-instrument makers and repairers
Occupation	731102	Precision Instruments Repairer

Occupation summary

Maintain and repair precision mechanical instrument, as well as application of OHS procedures and instructions.

Main accountabilities

1	Maintain and repair precision mechanical instrument such as instruments measuring pressure, temperature, level, speed, flow, and weight, as well as control devices.
2	Repair and replace tools and parts thereof, as well as calibration thereof, and ensuring conformity with standards.
3	Deal with customer inquiries, offer products, and provide general advice on use of tools
4	Dismantle, install, connect and adjust instruments by using manufacturer's manual.
5	Identify and replace damaged parts, as well as performance of routine maintenance.

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	Handicrafts
2	Organization	2	Instrument maintenance
3	Perseverance	3	Assembly of parts
4	Self Development	4	Precision mechanics fitting
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7311	Precision-instrument makers and repairers
Occupation	731103	Watch Repairer

Occupation summary

Diagnose and repair mechanical watches defects, and inspect batteries, as well as adjustment and calibration of watches. In addition to, application of OHS procedures and instructions.

Main accountabilities

1	Clean internal parts by a brush and cleaning agents, as well as inspection of battery, and determination of extent of viability thereof.
2	Calibrate and adjust watches, as well as ensuring accurate time readings, and conformity to standards.
3	Deal with customer inquiries, offer products, and provide general advice.
4	Determine necessary spare parts and maintenance requirements, as well as provision thereof according to quantities and specifications.
5	Dismantle watch parts, inspect internal parts thereof, and replace damaged 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	Handicrafts
2	Organization	2	Watches and clocks
3	Perseverance	3	Watchmaking
4	Self Development	4	Calibration
5		5	Precision mechanics fitting

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7311	Precision-instrument makers and repairers
Occupation	731104	Optical Instruments Repairer

Occupation summary

Maintain and repair optical instruments such as lenses, mirrors and indicators.

Main accountabilities

1	Prepare equipment, tools and materials required for work.
2	Repair and replace tools and parts thereof, as well as calibration thereof, and ensuring conformity with standards.
3	Deal with customer inquiries, offer products, and provide general advice on use of tools
4	Dismantle, install, connect and adjust instruments by using manufacturer's manual.
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	Handicrafts
2	Organization	2	Telescopic sight fitting
3	Perseverance	3	Optical articles
4	Self Development	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7312	Musical instrument makers and tuners
Occupation	731201	Piano Tuner

Occupation summary

Diagnose and repair piano melody tuning failures, as well as application of OHS procedures and instructions.

Main accountabilities

1	Listen sound of piano, as well as diagnosis of melody failures therein, and causes thereof.
2	Test and prepare tools required for modification of melody formats.
3	Test piano, and perform modifications required for improvement of melody.
4	Prepare equipment, tools and materials required for work.
5	Deal with customer inquiries, offer products, and provide general advice.

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	Handicrafts
2	Organization	2	Piano tuning
3	Perseverance	3	Grand pianos (repairing)
4	Self Development	4	Quality control
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7312	Musical instrument makers and tuners
Occupation	731202	Inflatable Musical Instruments Maker & Repairer

Occupation summary

Prepare tools and materials required for making woodwind musical instruments, and repair failures, as well as replacement of damaged parts, and application of OHS procedures and instructions.

Main accountabilities

1	Select materials required for making inflatable musical instruments.
2	Adjust melody layers of musical instruments, paint them by Transparent paints and install additional accessories.
3	Cut appropriate lengths of wind instrument making material, cavern them, and make tone holes, as well as smoothing and proper formation of edges thereof.
4	Diagnose failures, as well as repair, and replacement of failed parts.
5	Design and tailor leather as per appropriate size, as well as assembly of double flute 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	Handicrafts
2	Organization	2	Musical instruments
3	Perseverance	3	Wind instruments (repairing)
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7312	Musical instrument makers and tuners
Occupation	731203	String Musical Instruments Maker & Repairer

Occupation summary

Prepare tools and materials required for making musical instruments, and diagnose failures, as well as repair and replacement of failed parts, and application of OHS procedures and instructions.

Main accountabilities

1	Craft wooden body of instruments, and install string, as well as tuning, finishing, painting and preparation of Instrument for use.
2	Prepare equipment, tools and materials required for work.
3	Cut and remove damaged wooden parts, as well as formation, installation, and fixation of alternative parts.
4	Replace damaged strings and plectrums, as well as installation of tuning pins.
5	Smooth and paint instrument's body by transparent paints, as well as tuning the melody, and adjustment of tuning pins installation location according to required melody.

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	Handicrafts
2	Organization	2	Musical instruments
3	Perseverance	3	String instruments (manufacture)
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7312	Musical instrument makers and tuners
Occupation	731204	Percussion Musical Instruments Maker & Repairer

Occupation summary

Craft, shape and install instrument's parts, as well as repair of percussion musical instruments, and application of OHS procedures and instructions.

Main accountabilities

1	Select materials required for making percussion musical instruments.
2	Prepare equipment, tools and materials required for work.
3	Deal with customer inquiries, offer products, and provide general advice on use of tools
4	Replace damaged parts and repair wooden and metal parts.
5	Craft percussion instrument by drilling for removal of all bulges and holes therein until it becomes smooth and soft.

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	Handicrafts
2	Organization	2	Musical instruments
3	Perseverance	3	Drums (repairing)
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7313	Jewellery and precious metal workers
Occupation	731301	Goldsmith

Occupation summary

Collect, adjust, repair and assess materials made of precious and semi-precious metals and precious stones such as jewelry, gold and silver.

Main accountabilities

1	Manufacture jewelry of precious metals and stones based on customer forecast, and specification of types and quantities of suitable materials and equipment.
2	Inspect metal and precious stones structures to detect defects and deficiencies, and determine the suitability of product for use in the manufacture of industrial and ornamental materials.
3	Cut gemstones in jewelry or industrial materials, cool and coat them, and engrave designs on jewelry and precious metals.
4	Repair, redesign or remodel old jewelry according to designs and instructions.
5	Deal with customer inquiries, offer products, and provide general advice..

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	Handicrafts
2	Organization	2	Goldsmith work
3	Perseverance	3	Jewellery making
4	Self Development	4	Jewellery valuation
5		5	Artistic metal-work

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7313	Jewellery and precious metal workers
Occupation	731302	Gemstone Installer

Occupation summary

Select suitable gemstones according to type and size, as well as installation of gemstones on gold and silver ornaments and various precious metals, and application of OHS procedures and instructions.

Main accountabilities

1	Determine place of installation of stones, as well as selection of suitable stones as per type, color and size, and determination of means of installation thereof.
2	Repair ornament made with jewelry and precious stones.
3	Inspect jewelry for identification of damaged parts, and replacement thereof by proper ones besides cleaning and polishing them.
4	Repair, redesign or remodel old jewelry according to designs and instructions
5	Deal with customer inquiries, offer products, and provide general advice.

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	Handicrafts
2	Organization	2	Precious stone cutting
3	Perseverance	3	Jewellery making
4	Self Development	4	Gem setting
5		5	Artistic metal-work

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7313	Jewellery and precious metal workers
Occupation	731303	Precious Metals Decoration & Enamelling Jeweler

Occupation summary

Inspect precious metals to be enamelled, and prepare tools required for coating and enamelling as required.

Main accountabilities

1	Determine places to be coated and means of coating, as well as preparation of tools and materials required for work.
2	Prepare, operate, and adjust furnace, as well as heating thereof to suitable temperature.
3	Process enamel according to suitable color and enamelling metal.
4	Insert metal into furnace for suitable period of time then removal and cleaning thereof
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	Handicrafts
2	Organization	2	Enamelling
3	Perseverance	3	Metal gold-plating
4	Self Development	4	Precious metal engraving
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7314	Potters and related workers
Occupation	731401	Pottery & Ceramics Maker

Occupation summary

Process clay for making molds of ceramic and pottery, and ensure production quality.

Main accountabilities

1	Review technical drawings and specifications, and determine materials required for making pottery and ceramics.
2	Mix and move clay, and add material to mixture by using a sieve to filter unwanted materials such as pebbles and stones.
3	Pour clay into molds of plaster of Paris and clay or casting plates.
4	Inspect dried molds for insuring lack of lumps or defects, and identification and repair thereof.
5	

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	Handicrafts
2	Organization	2	Model casting (pottery)
3	Perseverance	3	Wheel pottery
4	Self Development	4	Ceramic design
5		5	Mould casting (ceramics/porcelain)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7314	Potters and related workers
Occupation	731402	Pottery & Ceramics Molds Maker

Occupation summary

Process and form clay to make products of ceramics and stoneware products, and ensure production quality

Main accountabilities

1	Prepare molds, clay and tools required for operations.
2	Operate clay and sieve milling machines for mixing clay, as well as formation of ceramic bowls, and clay by using various hand tools to get required shape.
3	Operate drying or incineration furnaces for drying or finishing molded ceramic bowls.
4	Polish the surfaces of materials produced by using scrapers of rubber and wet sponges, conduct pottery burn test and specify processes for certain colors and sizes.
5	Inspect processed materials for quality assessment, identification of defects, and verification of conformity to technical drawings of rules, thickness measurements, pistons and molds.

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	Handicrafts
2	Organization	2	Model casting (pottery)
3	Perseverance	3	Wheel pottery
4	Self Development	4	Ceramic design
5		5	Mould casting (ceramics/porcelain)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7315	Glass makers, cutters, grinders and finishers
Occupation	731501	Glass Finisher

Occupation summary

Operate finishing machines for glass grinding, engraving, sand polishing, decoration, cleaning and glazing , as well as finishing of edges thereof, and ensuring production quality.

Main accountabilities

1	Prepare glass materials and equipment required for operations.
2	Place samples on glass, and marks on cutting lines, as well as cutting glass along such lines or around samples by using glass cutting tools.
3	Spray silver solution onto glass by a spray gun to give it reflective surfaces.
4	Place designs on glass as well as marking and cleaning of glass with scouring sand by sand scouring tool.
5	Grind and polish glass materials to correct defects, smooth and polish rough edges by using sanding belt or polishing wheels.

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	Handicrafts
2	Organization	2	Glass grinding
3	Perseverance	3	Glass engraving
4	Self Development	4	Glass etching
5		5	Glass polishing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7315	Glass makers, cutters, grinders and finishers
Occupation	731502	Glassmaker

Occupation summary

Cut and shape glass and mirrors, round their edges and install them in windows, doors and frames, and install films on glass and mirrors.

Main accountabilities

1	Determine measurements and specifications of glass and mirrors required and tailor and cut glass plates and mirrors according to sizes.
2	Drill holes in glass panels and cut out shapes in glass and mirrors using glass cutters and templates.
3	Install and fix glass in doors and windows and install glass in the frames.
4	Determine forms of decoration to be applied on glass and mirrors, prepare glass prints and materials needed for installing glass coating and install coating on mirrors and glass.
5	Manufacture glassware, as well as glassblowing and glass drilling by chemical and mechanical methods

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	Handicrafts
2	Organization	2	Melting (melting waste glass)
3	Perseverance	3	Glass engraving
4	Self Development	4	Glass grinding
5		5	Glass staining

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7316	Sign writers, decorative painters, engravers and etchers
Occupation	731601	Decorative Painter

Occupation summary

Pant materials, and coat surfaces thereof as well as decoration thereof such as furniture, glass, pottery, toys, and leathers and ensuring production quality.

Main accountabilities

1	Prepare panting materials and equipment required for operations.
2	Clean surfaces with cleaning agents, solvents and scrapers for preparation thereof for panting process.
3	Mix paint and coating materials on pieces by using a brush or spray gun, and removal of excess paint.
4	Place drawings and colors on surfaces by using spray guns, brushes and pens to create required design.
5	Put the final paint on surfaces and calcination thereof.

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	Handicrafts
2	Organization	2	Decorative painting
3	Perseverance	3	Motif painting
4	Self Development	4	Surface coating
5		5	Painting and surface coating

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7316	Sign writers, decorative painters, engravers and etchers
Occupation	731602	Chiseler

Occupation summary

Draw designs, forms, and letters on crafts and decorations thereof as well as implementation of engraving on craft and decorations thereof, and maintenance of crafts and decorations.

Main accountabilities

1	Select drawing or design to be engraved and convey its general framework on crafts, and wood, glass and copper products.
2	Color and decorate engraved painting by using tools and materials of painting such as brushes and oil painting.
3	Implement drilling works on glass antiques by using glass drilling tools and materials.
4	Implement drilling works on wood or cooper antiques by using tools and materials of drilling on wood or cooper.
5	Maintain drawings and decorations on crafts and antiques.

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	Handicrafts
2	Organization	2	Service work (painting)
3	Perseverance	3	House painting
4	Self Development	4	Wallpaper, paint and chemical products
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7316	Sign writers, decorative painters, engravers and etchers
Occupation	731603	Calligrapher

Occupation summary

Master types of Arabic calligraphy, writing and hand-lettering on paintings of various types as well as calligraphing paintings by using computers and copying.

Main accountabilities

1	Master types of Arabic calligraphy such as Ruq'ah, Naskh , Thuluth, Kufic etc., as per adopted rules and principles
2	Prepare and mix colors and prepare tools to be used for purposes of writing in Arabic calligraphy.
3	Writ and hand-letter all types of Arabic calligraphy on paper, and textile, as well as plastic and metal paintings.
4	Prepare, operate and use computers and copying in calligraphing and production of various types of paintings.
5	Prepare advertising and marketing boards for purposes of hanging and installation.

Educational requirements

Minimum education level	Lower secondary education	Education field (1)	Literacy and numeracy
		Education field (2)	
		Education field (3)	

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Handicrafts
2	Organization	2	Calligraphy
3	Perseverance	3	Coloration (artistic)
4	Self Development	4	Colour Balance
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7316	Sign writers, decorative painters, engravers and etchers
Occupation	731604	Glass Painter

Occupation summary

Prepare the glass to be painted and determine painting places according to instructions and demand as well as application of OHS procedures and instructions.

Main accountabilities

1	Prepare required paint and work tools and clean glass prior painting.
2	Draw templates on coated materials according to design specifications.
3	Dry, clean and store the glass as per instruction.
4	inspect painted glass and ensure the lack of damage and defects as well as quality of the product
5	

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	Handicrafts
2	Organization	2	Glass polishing
3	Perseverance	3	Glass staining
4	Self Development	4	Product specifications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7317	Handicraft workers in wood, basketry and related materials
Occupation	731701	Weaving Canes, Bamboo, Fronds & Wicker Artificer

Occupation summary

Apply traditional techniques of making materials from rods, canes, twigs, straw and similar materials, as well as ensuring production quality.

Main accountabilities

1	Prepare rods, canes, twigs, straw and other materials and equipment required for operations based on technical drawings, and covering or processing thereof by chemicals.
2	Weave canes, straw and various materials, as well as rolling, shaping and assembly thereof for making required materials.
3	Decorate materials and finish them by coating with varnishes, block and other chemicals.
4	Inspect products for identification of defects, and ensuring product's quality.
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	Handicrafts
2	Organization	2	Straw work
3	Perseverance	3	Weaving
4	Self Development	4	Pattern laying
5		5	Interior decorating products

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7317	Handicraft workers in wood, basketry and related materials
Occupation	731702	Wooden Products Crafter

Occupation summary

Apply traditional techniques of making materials from wood, veneer and similar materials, as well as ensuring production quality.

Main accountabilities

1	Prepare wood, veneer and other materials and equipment required for operations based on technical drawings, and covering or processing thereof by chemicals.
2	Craft, roll and assemble wooden and various materials, for making required materials.
3	Decorate materials and finish them by coating with varnishes, block and other chemicals.
4	Inspect products for identification of defects, and ensuring product's quality.
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	Handicrafts
2	Organization	2	Wood knowledge
3	Perseverance	3	Wood carving
4	Self Development	4	Woodwork
5		5	Wood drying

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7318	Handicraft workers in textile, leather and related materials
Occupation	731801	knitter

Occupation summary

Apply recognized knitting and patterns techniques for production of knitted fabrics, tricot and ready-made clothing.

Main accountabilities

1	Sort and classify fiber to ensure the use of suitable materials.
2	Determine the type of yarn, twine or weaving threads and suitable quantity based on demands' specifications.
3	Prepare and operate knitting equipment, use of needles and other hand tools for production of required clothing and fabrics.
4	Monitor operations to ensure compliance with specifications, as well as identification and repair of any defects in fabric by cutting and removal of gaskets.
5	Inspect knitting tools to ensure product quality and identify defects.

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	Handicrafts
2	Organization	2	Textiles
3	Perseverance	3	Textile design
4	Self Development	4	Pattern laying
5		5	Carding/open-end spinning

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7318	Handicraft workers in textile, leather and related materials
Occupation	731802	Spinner

Occupation summary

Prepare spinning materials, as well as spinning wool, hair and fiber by using spinning manual tools and equipment, and storage of product

Main accountabilities

1	Prepare and adjust spinning manual machines
2	Prepare, combine and place spinning materials in bags for spinning and determine spinning suitable method.
3	Spin sheep wool, and goat and camel hair on manual spindle, and long string spindle as well as rolling produced yarn.
4	Classify produced yarns as per types and thickness thereof.
5	Classify produced yarn rolls according to weight thereof and quality of type of raw materials thereof, prepare them for dyer and storage.

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	Handicrafts
2	Organization	2	Yarns and sewing materials
3	Perseverance	3	Spinning (open-end spinning)
4	Self Development	4	Slubbing/prespinning
5		5	Product specifications

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7318	Handicraft workers in textile, leather and related materials
Occupation	731803	Carpet Manual Weaver

Occupation summary

Apply recognized techniques and patterns of textile for production of carpets.

Main accountabilities

1	Sort and classify fiber to ensure the use of suitable materials.
2	Determine type of thread and required quantity based on demands specifications.
3	Operate hand loom and other hand tools, and insert yarns in a coordinated sequence to weave carpets with required design.
4	Inspect textile for places of worn or missing fillings or disproportionate cutting of textile lint, and identify and repair any defects.
5	

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	Weaving
2	Organization	2	Textiles
3	Perseverance	3	Textile design
4	Self Development	4	Carpets
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7318	Handicraft workers in textile, leather and related materials
Occupation	731804	Leather Craft Worker

Occupation summary

Apply recognized patterns and techniques for production of clothing, leather belts and accessories.

Main accountabilities

1	Sort, classify , wash and dye leather of all types to ensure the use of suitable materials.
2	Determine type of leather and required quantity based on demands specifications.
3	Prepare hand tools and equipment, clean, dye and shape leather of all types for production of required crafts.
4	Monitor operations to ensure compliance with specifications, as well as identification and repair of any defects in leather.
5	

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	Leather sewing
2	Organization	2	Cutting-out (leather)
3	Perseverance	3	Leather stitching
4	Self Development	4	Leather goods
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7318	Handicraft workers in textile, leather and related materials
Occupation	731805	Fishing Net Weaver

Occupation summary

Apply recognized patterns and techniques for waving for production of fishing net and ensure conformity of fishing net with technical specifications.

Main accountabilities

1	Determine the type of yarn, twine or weaving threads and quantity suitable for waving based on demands' specifications..
2	Prepare and operate knitting equipment, use of needles and other tools for production of fishing net.
3	Perform knitting and apply recognized patterns and techniques for production of fishing nets.
4	Monitor operations to ensure compliance with specifications, as well as identification and repair of any defects in fishing nets.
5	

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	Knitting
2	Organization	2	Wire cloth weaving
3	Perseverance	3	Stitching (knitted ware)
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7319	Handicraft workers not elsewhere classified
Occupation	731901	Document Restorer

Occupation summary

Evaluate documents and determine ways of preservation thereof from wear factors and harmful insects as well as methods of preservation, protection, presentation and restoration.

Main accountabilities

1	Implement modern practices in document restoration in accordance with regulatory procedures.
2	Preserve restored documents from wear factors and harmful insects by using chemicals or methods of conservation, natural and artificial protection and clean documents by cleaning and drying tools.
3	Photocopy and register documents by using microfilm or computer and identify methods of preservation of documents away from damage and loss.
4	Identify methods and ways of document restoration by using the latest scientific and technological developments in field of document restoration.
5	

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	Restoration
2	Organization	2	Conservation (scripts)
3	Perseverance	3	Hand written document interpretation
4	Self Development	4	Calligraphy
5		5	Image processing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	731	Handicraft workers
Unit group	7319	Handicraft workers not elsewhere classified
Occupation	731902	Wax Maker

Occupation summary

Create and develop wax designs manually or by using custom programs, and perform process of making wax according to required specifications in addition to ensuring quality of products.

Main accountabilities

1	Create and develop wax designs manually or by using custom programs to be used in making wax.
2	Identify materials required for making wax such as molds, ornamental materials and other equipment, and provide such materials for the process of making wax.
3	Make wax manually or by using machines according to required designs and specifications .
4	Package and case well produced wax according to required specifications.
5	Ensure conformity of wax quality with required technical specifications.

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	Mould manufacture
2	Organization	2	Casting
3	Perseverance	3	Mould manufacture
4	Self Development	4	Arts and crafts/hobby materials
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	732	Printing trades workers
Unit group	7321	Pre-press technicians
Occupation	732101	Print Processing Technician

Occupation summary

insert customer-generated content into specialized programs and perform processing work thereon, as well as preparation of proof print, and operation of plate making equipment to reproduce images from films, in addition to use and adjustment of devices and tools for pre-printing work.

Main accountabilities

1	insert customer-generated content into specialized programs and perform processing work including formatting , amendments, etc., thereon to get printable product.
2	Prepare proof print and verify them prior printing.
3	Operate plate making equipment to reproduce images from films on printing plates, digital output devices, or printing machines.
4	Use and adjust devices and tools for pre-printing work, and preserve them clean and tidy in places assigned thereto.
5	

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	Letterpress printing
2	Organization	2	Printing
3	Perseverance	3	Master-setting (printing)
4	Self Development	4	Lettering
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	732	Printing trades workers
Unit group	7321	Pre-press technicians
Occupation	732102	Silkscreen Printing Maker

Occupation summary

Receive printing films and paper assets and ensure conformity thereof to operating orders, and study them for determination of requirements of production thereof by silk-screen printing, and photocopying designs and assets in addition to selection of grid suitable for designs and printing assets according to operating orders.

Main accountabilities

1	Receive printable films and paper assets and ensure conformity thereof to operating orders, and study them for determination of requirements of production thereof by silk-screen printing
2	photocopy designs and assets, convert them into printing films according to zoom in or out ratio, perform developing of produced film and the required corrections.
3	Select grid suitable for designs and printing assets according to operating orders and tighten and fasten them to suitable frame.
4	Inspect silkscreen printing machines, operate and adjust lighting time of machine photocopying printing silk surfaces, and coat and dry the grid with sensitive film material.
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	Press tools (manufacturing)
2	Organization	2	Printing
3	Perseverance	3	Screen printing
4	Self Development	4	Master-setting (printing)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	732	Printing trades workers
Unit group	7321	Pre-press technicians
Occupation	732103	Offset Printing Plates Maker

Occupation summary

Determine materials required for preparation of plates as per operating orders and inspect and operate photocopying machine of printing plates in addition to performance of manual and automatic acidification operations and washing of plates with water and drying and gluing thereof.

Main accountabilities

1	Determine materials required for preparation of plates as per operating orders, and receive the work ready for photocopying and ensure cleanliness and completion thereof.
2	Inspect and operate printing plate photocopying machine and, clean glass covering plate photocopying machine, and select of type and size of printing plate .
3	Place films produced according to type thereof on plates and install them by fixing ruler and determine exposure time and adjust such time.
4	Perform manual and automatic acidification processes, and wash plates with water , as well as drying and gluing thereof .
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	Press tools (manufacturing)
2	Organization	2	Printing
3	Perseverance	3	Offset printing
4	Self Development	4	Master-setting (printing)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	732	Printing trades workers
Unit group	7322	Printers
Occupation	732201	Printing Machine Operator

Occupation summary

Prepare and operate digital, raised, lithographic, flexographic, rotogravure, or other printing machines.

Main accountabilities

1	Specify quantities to be printed, stock specifications, colors, or instructions regarding printing.
2	Obtain inks and mix solutions according to printing instructions, fill ink cartridges, and adjust flow rates.
3	Operate printing machines and proof print to ensure ink coverage and density, alignment and color registration, as well as installation of or changing printing plates, rubber sheets or cylinders, as required.
4	Feed paper into printing cylinders, adjust feed and tension control keys according to paper's size, and monitor papers' feeding source during printing cycles.
5	Clean and lubricate printing ink cartridges, plates, or cylinders after printing cycles, and perform minor maintenance.

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	Printing
2	Organization	2	Master-setting (printing)
3	Perseverance	3	Machine Operating
4	Self Development	4	Process monitoring
5		5	Quality auditing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	732	Printing trades workers
Unit group	7323	Print finishing and binding workers
Occupation	732301	Print Binding & Finishing Worker

Occupation summary

Bind books as well as any other publications, and finish publications either manually or by using machines.

Main accountabilities

1	Determine requirements and specifications required for preparation of machines and binding plans.
2	Bind covers by binding machines and corresponding tools such as knives, steering tools, pressure cylinders or clamps.
3	Trim edges of books to required size by using shearing machines, book trimming machines, or manual scissors.
4	Imprint and decorate book covers with letters, designs, or numbers, and press text block that has been sewn or glued.
5	Inspect, clean and lubricate equipment after completion of work, and perform minor maintenance.

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	Relief printing
2	Organization	2	Rotation printing
3	Perseverance	3	Paper cutting (bookbinding)
4	Self Development	4	Typography
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	73	Handicraft and printing workers
Minor group	732	Printing trades workers
Unit group	7323	Print finishing and binding workers
Occupation	732302	Book Sewer

Occupation summary

Perform books sewing process manually, use of some tools for sewing books, and ensure quality of work according to required specifications.

Main accountabilities

1	Determine requirements and specifications required for sewing books and plans.
2	Sew books manually and by using sewing tools, such as a needles or fixation tools.
3	Select materials and equipment required for sewing books and ensure availability thereof when required.
4	Inspect, clean and lubricate equipment after completion of work, and perform minor maintenance.
5	Compliance with 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	Stitching (bookbinding)
2	Organization	2	Private book-binding
3	Perseverance	3	Bookbinding
4	Self Development	4	Paper cutting (bookbinding)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7411	Building and related electricians
Occupation	741101	Building Electrician

Occupation summary

Install, maintain and repair electrical wires, appliances and fixtures in buildings and other structures.

Main accountabilities

1	Install electrical equipment in buildings such as electrical cables, wires and other devices.
2	Perform routine inspections as part of preventive maintenance process, and identify damages to equipment.
3	Repair and replace electrical equipment in buildings such as electrical cables, wires and other devices.
4	Use of variety of hand tools and basic equipment to conduct works.
5	Compliance with 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	Electrical installation work
2	Organization	2	Electrical installations (operation and maintenance)
3	Perseverance	3	Electrical safety regulations
4	Self Development	4	Switches (installation and maintenance)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7412	Electrical mechanics and fitters
Occupation	741201	Auto Electrician

Occupation summary

Install, maintain and repair electrical systems and equipment in automobiles.

Main accountabilities

1	Interpret preliminary diagrams, as well as installation of electrical systems and equipment of automobiles.
2	Inspect single, as well as partially and fully assembled parts to ensure compliance with quality and specifications.
3	Perform preventive maintenance of systems and equipment, and identify potential problems and breakdowns.
4	Perform services required for electrical systems and equipment in automobiles and repair thereof, such as gauges, lighting equipment, and generators.
5	Compliance with 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)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Computer-aided trouble-shooting (automotive)
2	Organization	2	Electronic ignition systems
3	Perseverance	3	Computerised control systems
4	Self Development	4	Vehicle inspection
5		5	Reading of electrical diagrams

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7412	Electrical mechanics and fitters
Occupation	741202	Electrical Mechanic

Occupation summary

Install, maintain and repair electrical equipment such as machinery, motors, generators, electrical switches, appliances and parts of electrical machinery.

Main accountabilities

1	Install electrical machinery, equipment and systems.
2	Inspect performance of equipment upon installation thereof, and ensure compliance with diagrams and specifications.
3	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, as well as repair and renewal of systems.
4	Investigate breakdowns, and inspect parts and equipment, as well as diagnosis, and repair or replacement of defected components, and following-up completed works.
5	Compliance with 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	Reading of electrical diagrams
2	Organization	2	Electrical installation work
3	Perseverance	3	Electrical installation
4	Self Development	4	Car electrics
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7412	Electrical mechanics and fitters
Occupation	741203	Elevator Mechanic

Occupation summary

Inspect, maintain and repair elevators, escalators, air seats and moving walkway.

Main accountabilities

1	Perform routine inspections as part of preventive maintenance process, and identify damages to equipment.
2	Repair and replace damaged or defected parts, and test equipment upon repair thereof.
3	Dismantle equipment for performance of basic improvements, reassembly thereof, and provision of required parts.
4	Preserve records regarding equipment's services and repairs.
5	Compliance with 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	Elevator fitting
2	Organization	2	Elevator repairing
3	Perseverance	3	Maintenance planning system
4	Self Development	4	Mechanical components
5		5	Performance and security testing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7412	Electrical mechanics and fitters
Occupation	741204	Train Electrician

Occupation summary

Install, maintain and repair electrical networks and equipment of trains.

Main accountabilities

1	Interpret preliminary diagrams, as well as installation of electrical systems and equipment of trains.
2	Inspect single, as well as partially and fully assembled parts to ensure compliance with quality and specifications.
3	Perform preventive maintenance of systems and equipment, and identify potential problems and breakdowns.
4	Perform and repair services required for electrical systems and equipment of trains.
5	Compliance with 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	Reading of electrical diagrams
2	Organization	2	Electric motor technology
3	Perseverance	3	Cable and wire mounting
4	Self Development	4	Electrical safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7412	Electrical mechanics and fitters
Occupation	741205	Ship Electrician

Occupation summary

Install, maintain and repair electrical networks and equipment of ships.

Main accountabilities

1	Interpret preliminary diagrams, as well as installation of electrical systems and equipment of ships.
2	Inspect single, as well as partially and fully assembled parts to ensure compliance with quality and specifications.
3	Perform preventive maintenance of systems and equipment, and identify potential problems and breakdowns.
4	Perform and repair services required for electrical systems and equipment of ships.
5	Compliance with 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	Reading of electrical diagrams
2	Organization	2	Electrical installations (operation and maintenance)
3	Perseverance	3	Electric power technology
4	Self Development	4	Electrical safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7412	Electrical mechanics and fitters
Occupation	741206	Drilling Rig Electrician

Occupation summary

Install, maintain and repair electrical systems and equipment of drilling rigs.

Main accountabilities

1	Install electrical equipment and machinery such as rolling, and lighting machines and motors, as well as connecting power supplies, and regulators and operation switches.
2	Perform preventive maintenance of electrical equipment and machinery of drilling rigs.
3	Investigate breakdowns, inspect parts, and check defects in devices and equipment, as well as diagnosis of defected electrical components, and repair or replacement thereof.
4	Inspect equipment prior and after use thereof, as well as after transportation and installation of drilling rigs.
5	Compliance with 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	Cable and wire mounting
2	Organization	2	Cable installations
3	Perseverance	3	Electronics fitting
4	Self Development	4	Excavator
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7412	Electrical mechanics and fitters
Occupation	741207	Electrical Devices Maintenance Technician

Occupation summary

Inspect electrical devices, diagnose failures thereof, and maintain and repair them. in addition to, performance of inspection upon maintenance to ensure accuracy and effectiveness of repair.

Main accountabilities

1	Inspect electrical devices, and diagnose failures thereof.
2	Maintain and repair failures and defects of electrical devices.
3	Perform inspection upon maintenance of electrical devices to ensure accuracy and effectiveness of repair.
4	Compliance with HSE policies and procedures.
5	

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	White goods (servicing)
2	Organization	2	White goods and household equipment
3	Perseverance	3	Instrument maintenance
4	Self Development	4	Winding (electrical and telephony)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7412	Electrical mechanics and fitters
Occupation	741208	Aircraft Electrician

Occupation summary

Install, maintain and repair electrical systems and equipment of aircrafts.

Main accountabilities

1	Interpret preliminary diagrams, as well as installation of electrical systems and equipment of aircrafts.
2	Inspect single, as well as partially and fully assembled parts to ensure compliance with quality and specifications.
3	Perform preventive maintenance of systems and equipment, and identify potential problems and breakdowns.
4	Operate and repair electrical systems and equipment in aircrafts, such as radio systems, equipment and transformers.
5	Compliance with 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	Electric motor technology
2	Organization	2	Electrical machine technology
3	Perseverance	3	Instrument maintenance
4	Self Development	4	Electrical safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7413	Electrical line installers and repairers
Occupation	741301	Power Cable Connector

Occupation summary

Install, maintain and repair power ground cables, place terminals of cables and connect them to electrical equipment and overhead lines.

Main accountabilities

1	Prepare terminal for cables and connectors to be linked to electrical equipment and overhead lines.
2	Install power ground cables, prepare terminals of cables and connection thereof to electrical equipment and overhead lines.
3	Perform routine inspections included within preventive maintenance, test cables insulation safety and take corrective actions.
4	Check breakdowns, and inspect worn parts and equipment, as well as diagnosis and repair or replacement of defected components.
5	Compliance with HSE policies and procedures such as setting up barriers around work areas.

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	Underground cable works
2	Organization	2	Cable installations
3	Perseverance	3	Material testing
4	Self Development	4	Cable and wire mounting
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	741	Electrical equipment installers and repairers
Unit group	7413	Electrical line installers and repairers
Occupation	741302	Power Lines Operator

Occupation summary

Install, maintain and repair power transmission and supply cables.

Main accountabilities

1	Fix beams, insulators and additional equipment on columns prior installation thereof.
2	Install power transmission and supply cables.
3	Perform routine inspections of preventive maintenance, as well as testing power lines and additional equipment by reading and testing devices, and taking corrective actions.
4	Check breakdowns, and inspect worn parts and equipment, as well as diagnosis and repair or replacement of defected components.
5	Compliance with HSE policies and procedures such as setting up barriers around work areas.

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	Underground cable works
2	Organization	2	Cable installations
3	Perseverance	3	Service Drops (Electrical Power)
4	Self Development	4	Electrical safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	742	Electronics and telecommunications installers and repairers
Unit group	7421	Electronics mechanics and servicers
Occupation	742101	Aircraft Electronics Technician

Occupation summary

Install, maintain and repair electronic systems and equipment of aircrafts.

Main accountabilities

1	Interpret preliminary diagrams, as well as installation of electronic systems and equipment of aircrafts.
2	Install and maintain electronic systems and equipment of aircrafts.
3	Perform preventive maintenance of systems and equipment, and identify potential problems and breakdowns.
4	Operate and repair equipment and systems of aircrafts such as radio systems, equipment, magnetic units and transformers.
5	Compliance with 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	Aircraft electronics
2	Organization	2	Servicing (electronics)
3	Perseverance	3	Machinery electronics (trouble-shooting/repairing)
4	Self Development	4	Safety regulations
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	742	Electronics and telecommunications installers and repairers
Unit group	7421	Electronics mechanics and servicers
Occupation	742102	Electronic Equipment Technician

Occupation summary

Install, maintain and repair electronic equipment such as commercial machines, offices, electronic tools and control systems.

Main accountabilities

1	Install electronic devices, equipment and systems.
2	Inspect equipment, calibrate them upon installation, and ensure compliance with diagrams and specifications.
3	Perform routine inspections of spare parts to ensure the lack of serious damage and defects, as well as repair and renewal of systems.
4	Investigate breakdowns and inspect worn parts and equipment, as well as diagnosis, repair or replacement of defected components, and following-up completed works..
5	Compliance with 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	Electronics
2	Organization	2	Electronics fitting
3	Perseverance	3	Servicing (electronics)
4	Self Development	4	Electronic component recycling
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	742	Electronics and telecommunications installers and repairers
Unit group	7422	Information and communications technology installers and servicers
Occupation	742201	ICT Services Technician

Occupation summary

Install, maintain and repair computers, data transmission and communication devices and accessories thereof such as cables, channels and antennas.

Main accountabilities

1	Interpret manufacturer's diagrams, as well as assembly and installation of ICT devices, such as communication lines, telephones, transformers and wireless devices.
2	Perform tests and analyze performance evaluation of circles, ICT devices, and ensure compliance with specified standards.
3	Analyze test readings, identify and diagnose problems in ICT devices, as well as identification of repair requirements and methods.
4	Repair, modify or replace damaged connections of cables and devices, and record implemented works.
5	Compliance with 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)	

Saudi Standard Classification of Occupations

Technical and behavioral skills

#	Behavioral skills	#	Technical skills
1	Team Work	1	Cable installations
2	Organization	2	Information technolog
3	Perseverance	3	Hardware testing
4	Self Development	4	Telecommunications
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	74	Electrical and electronic trades workers
Minor group	742	Electronics and telecommunications installers and repairers
Unit group	7422	Information and communications technology installers and servicers
Occupation	742202	ICT Lines Installer

Occupation summary

Install, maintain and repair data communication lines, computers and modems.

Main accountabilities

1	Interpret manufacturer's diagrams, as well as assembly and installation of ICT devices, such as communication lines, servers, transmitter and receivers.
2	Perform tests and analyze performance evaluation of circles, ICT devices, and ensure compliance with specified standards.
3	Analyze test readings, identify and diagnose problems in ICT devices, as well as identification of repair requirements and methods.
4	Repair, modify or replace damaged connections and devices, and record implemented works.
5	Compliance with 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	Cable and wire mounting
2	Organization	2	Wire-rod milling
3	Perseverance	3	Electrical installation
4	Self Development	4	Cable and wire mounting
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7511	Butchers, fishmongers and related food preparers
Occupation	751101	Butcher

Occupation summary

Slaughter and skin cattle in designated places as per Islamic Sharia, and in consideration of rules of public health, preparation of cutting, boning, and mincing machines and tools, and cut and chop meat according to demand.

Main accountabilities

1	Slaughter and skin cattle in designated places as per Islamic Sharia as well as conditions and requirements of public health. In addition to, removal of internal organs and cleaning thereof.
2	Prepare cutting, boning, and mincing machines and tools.
3	Cut and package meat into parts suitable for display and use.
4	Remove bones from meat (boning) by using hand tools.
5	Mince meat by coarse and fine mincing machines.

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	Slaughtering (Islamic rules)
2	Organization	2	Lamb slaughter
3	Perseverance	3	Calf slaughtering
4	Self Development	4	Meat (filleting)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7511	Butchers, fishmongers and related food preparers
Occupation	751102	Fishmonger

Occupation summary

Prepare fish cleaning tools as well as cleaning and cutting fish and cleaning such tools.

Main accountabilities

1	Prepare cleaning tools as well as checking cleanliness and readiness thereof.
2	Clean fish and peel skin thereof and remove scales and cut fins, tail, etc.
3	Open belly/back of fish and remove viscera and clean fish from inside.
4	Cut and package fish into suitable parts as per demand.
5	Clean fish cleaning tools after using and preservation thereof.

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	Fish filleting
2	Organization	2	Fish processing
3	Perseverance	3	Food hygiene
4	Self Development	4	Selling experience (direct sales to consumer)
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7511	Butchers, fishmongers and related food preparers
Occupation	751103	Slaughterer

Occupation summary

Deliver and slaughter animals, remove bones from meat as well as cutting and processing meat for other industry.

Main accountabilities

1	Slaughter animals, and cut meat thereof as per demand.
2	Package meat and provide advice to customers on means of storage thereof.
3	Compliance with HSE policies and procedures, and ensuring healthy handling of meat.
4	Compliance with Islamic Sharia instructions in slaughtering processes.
5	

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	Animal transport
2	Organization	2	Beef cutting-up
3	Perseverance	3	Mutton cutting-up
4	Self Development	4	Poultry cutting
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7512	Bakers, pastry-cooks and confectionery makers
Occupation	751201	Baker

Occupation summary

Provide raw materials, conform specifications and preparation thereof, as well as preparation and operation of bread making machines, and making bread of various types and shapes.

Main accountabilities

1	Provide raw materials such as: Flour, milk, sugar, salt and yeast, inspect validity thereof and conformity of specifications thereof and preparation thereof as per specified weights and ratios.
2	Prepare and operate kneader and make dough according to required type of bread.
3	Cut dough into regular pieces of equal weight and shape manually or automatically.
4	Bake pastry of various types and ensure validity and conformity thereof to specifications.
5	Clean kneader as well as dough cutting and shaping machines, fermentation equipment and ovens. In addition to, inspection of fuel level.

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	Baking
2	Organization	2	Plain bread baking
3	Perseverance	3	Bakery and confectionery products
4	Self Development	4	Food hygiene
5		5	Pastry-making

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7512	Bakers, pastry-cooks and confectionery makers
Occupation	751202	Confectioner

Occupation summary

Provide raw materials, conform specifications and preparation thereof, as well as preparation and operation of confection machines, and production of confections of various types and shapes.

Main accountabilities

1	Provide raw materials for production of confectionery, inspect validity thereof and conformity of specifications thereof and preparation thereof as per specified weights and ratios.
2	Prepare and operate kneader and make dough according to required type of confectionery.
3	Cut dough into regular pieces of equal weight and shape manually or automatically.
4	Make confectionery of various types and ensure validity and conformity thereof to specifications.
5	Clean kneader as well as confectionery cutting and shaping machines.

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	Baking
2	Organization	2	Confectionery baking
3	Perseverance	3	Bakery and confectionery products
4	Self Development	4	Food hygiene
5		5	Pastry-making

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7512	Bakers, pastry-cooks and confectionery makers
Occupation	751203	Sweets Maker

Occupation summary

Prepare oriental and western sweets making equipment and machine, and process ingredients thereof, as well as preparation of, shaping, making, packaging and presentation of such sweets.

Main accountabilities

1	Prepare machines and trays required for making sweets and ensure readiness and cleanliness thereof.
2	Prepare sweets ingredients such as: Semolina, flour, sugar, butter, cheese, nuts, chocolate and flavors as per specified ratios and mix them manually or by using electric mixers, as well as formation and preparation thereof.
3	Perform kneading, fermentation, preparation of fillings and decorations of sugar and creams.
4	Shape sweets by pouring in pots or sculpting and decorate them according to suitable colors and patterns.
5	Present and preserve sweets in glass facades.

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	Desserts preparation
2	Organization	2	Confectionary preparation
3	Perseverance	3	Candy and confectionery
4	Self Development	4	Food hygiene
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7513	Dairy products makers
Occupation	751301	Dairy Products Makers

Occupation summary

Provide raw materials and conform specifications thereof, preparation of dairy products making machines and equipment, make dairy products, inspect quality thereof, and clean tools, apparatus and equipment.

Main accountabilities

1	Receive milk and additives, inspect validity and weight thereof, conform specifications thereof, and preserve milk in cold condition.
2	Prepare dairy products making machines and equipment such as: Pasteurizer, as well as fat, cream and butter separators, agitators, cheese presses, adjust them, inspect cleanliness, and readiness and operation thereof.
3	Put milk in dairy processing machines, addition of additives as per specified ratios, and making dairy products such as: Buttermilk, Greek yogurt, cream, white cheese, etc.
4	Sample and test each product to ensure conformity thereof to specifications such as pH and salinity and compliance with public health requirements.
5	Clean dairy products making machines and equipment.

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	Dairy products
2	Organization	2	Milk production
3	Perseverance	3	Milk processing
4	Self Development	4	Manual cheese-making
5		5	Cheese pressing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7513	Dairy products makers
Occupation	751302	Ghee Manufacturer

Occupation summary

Prepare ghee making equipment and machine, and process components thereof, as well as preparation of, making, packaging and presentation of ghee.

Main accountabilities

1	Prepare machines and trays required for making ghee and ensure readiness and cleanliness thereof.
2	Prepare ghee components such as butter and salt as per specified ratios, as well as manual mixing and processing thereof.
3	Perform butter heating and adjustment of temperature, in addition to cooking process for production of ghee.
4	Clean ghee making machines and equipment.
5	Keep cleanliness during processing and manufacture of ghee, and ensure quality of manufactured ghee according to required specifications.

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	Dairy products
2	Organization	2	Milk processing
3	Perseverance	3	Food hygiene
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7513	Dairy products makers
Occupation	751303	Cottage Cheese Manufacture

Occupation summary

Prepare cottage cheese making equipment and machine, and process components thereof, as well as preparation of, making, packaging and presentation of such cheese.

Main accountabilities

1	Prepare machines and trays required for making cottage cheese and ensure readiness and cleanliness thereof.
2	Prepare cottage cheese components such as milk as per specified ratios and put such components in pot in preparation for heating process.
3	Perform milk heating and adjustment of temperature, in addition to filtration of fluids for getting cottage cheese.
4	Clean cottage cheese making machines and equipment.
5	Keep cleanliness during processing and manufacture of cottage cheese, and ensure quality of manufactured cottage cheese according to required specifications.

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	Dairy products
2	Organization	2	Milk processing
3	Perseverance	3	Cheese pressing
4	Self Development	4	Food hygiene
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7514	Fruit, vegetable and related preservers
Occupation	751401	Fruits & Vegetables Preserver

Occupation summary

Process and preserve fruits and vegetables as well as foods relevant thereto, as well as packaging and storing processed foods.

Main accountabilities

1	Process and preserve fruits and vegetables as well as foods relevant thereto, as well as cooking, drying, salting and extraction of oils or juices.
2	Select, measure, and add ingredients such as sugar or spices for helping in preservation or improvement of structure, taste, or look.
3	Package preserved and processed foods in sterilized containers.
4	Compliance with HSE policies and procedures.
5	

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	Plant material preservation
2	Organization	2	Frozen foods
3	Perseverance	3	Food hygiene
4	Self Development	4	Fruit
5		5	Vegetables

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7515	Food and beverage tasters and graders
Occupation	751501	Food & Beverages Taster

Occupation summary

Perform of taste or odor tests, and assess integrity of color, structure or flavor. In addition to, compliance with health, safety and public health policies and procedures.

Main accountabilities

1	Perform taste, odor, or other tests, and assess integrity of color, structure, flavor or other requirements.
2	Assist in laboratory analysis of food and ingredients samples.
3	Classify tested food and beverages and report results thereof.
4	Compliance with HSE policies and procedures.
5	

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	Food inspection
2	Organization	2	Food quality rating
3	Perseverance	3	Food hygiene
4	Self Development	4	Material testing
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7515	Food and beverage tasters and graders
Occupation	751502	Food & Beverages Classifier

Occupation summary

Classify food and beverages, inspect ingredients and ready-made goods, and assist in laboratory analysis.

Main accountabilities

1	Inspect ingredients and ready-made goods, and assess integrity of color, structure, flavor or other requirements.
2	Assist in laboratory analysis of food and ingredients samples.
3	Classify tested food and beverages and report results thereof.
4	Compliance with HSE policies and procedures.
5	

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	Food inspection
2	Organization	2	Food quality rating
3	Perseverance	3	Product validation
4	Self Development	4	Food hygiene
5		5	Material testing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7516	Tobacco Prepareres and Tobacco Products Makers
Occupation	751601	Tobacco Products Manufacturer

Occupation summary

Manufacture tobacco products by drying, cutting, sorting and chopping tobacco leaves, as well as application of OHS procedures and instructions.

Main accountabilities

1	Receive tobacco leaves, conform specifications thereof, prepare fans, needles and yarns of suitable size, adjust fans speed, and ensure the leaves are dried to a certain extent.
2	Prepare tobacco leaf cutting tools such as containers and knives, and perform cutting tobacco leaves process.
3	Sort tobacco packages by type of tobacco, and classify tobacco according to quality, type and paper's color.
4	Chop tobacco by using chopping knife as per required specifications.
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	Tobacco products
2	Organization	2	Machine operation (tobacco industry)
3	Perseverance	3	Food hygiene
4	Self Development	4	Product validation
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	751	Food processing and related trades workers
Unit group	7516	Tobacco Prepareres and Tobacco Products Makers
Occupation	751602	Tobacco Products Preparer

Occupation summary

Receive chopped tobacco and package tobacco according to required specifications. In addition to, storage and transportation thereof in proper ways.

Main accountabilities

1	Receive chopped tobacco ready for preparation.
2	Package tobacco according to required specifications.
3	Store and transport tobacco in proper ways
4	Application of OHS procedures and instructions.
5	

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	Tobacco products
2	Organization	2	Product validation
3	Perseverance	3	Food hygiene
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	752	Wood treaters, cabinet-makers and related trades workers
Unit group	7521	Wood treaters
Occupation	752101	Wood Processor

Occupation summary

Add mixtures to wood, as well as preservation and processing thereof manually or by using wood processing equipment such as furnaces and tanks.

Main accountabilities

1	Add mixtures to wood and laths manually, as well as preservation and processing thereof.
2	Operate furnaces, processing tanks and other equipment for drying, and preparation of wood, as well as addition of mixtures thereto, in addition to absorption of preservatives by wood products.
3	Monitor operation of machinery, pressure gauges and panel lamps for detection of defects in parts thereof or malfunctions therein, as well as adjustment of machinery when required.
4	Clean equipment and perform basic maintenance, report breakdowns to maintenance technicians or mechanics, and retain a record of completed works..
5	

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	Treatment of wood surfaces
2	Organization	2	Wood knowledge
3	Perseverance	3	Wood sorting
4	Self Development	4	Wood drying
5		5	Quality control (timber)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	752	Wood treaters, cabinet-makers and related trades workers
Unit group	7522	Cabinet-makers and related workers
Occupation	752201	Carvings & Mother of Pearl Carpenter

Occupation summary

Make, decorate and repair carvings and mother of pearl, and operate woodworking machines in addition to ensuring quality of production.

Main accountabilities

1	Review technical drawings and specifications, and determine materials required for carvings and mother of pearl.
2	Operate woodworking machines such as electric saws, connectors as well as wood parts and components cutting and formation tools.
3	Assemble wood products for making carvings and mother of pearl, inspect and preserve carvings and mother of pearl, and repair or replace parts.
4	Test carvings and mother of pearl, and ensure compliance with diagrams and specifications.
5	Compliance with 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	Decorative painting
2	Organization	2	Marquetry
3	Perseverance	3	Wood carving
4	Self Development	4	Wood engraving
5		5	Ornaments (woodwork)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	752	Wood treaters, cabinet-makers and related trades workers
Unit group	7522	Cabinet-makers and related workers
Occupation	752202	Furniture Carpenter

Occupation summary

Make, decorate and repair wooden furniture, and operate woodworking machines. In addition to, ensuring quality of production.

Main accountabilities

1	Review technical drawings and specifications, as well as determination of required materials and quality of furniture.
2	Operate woodworking machines such as electric saws, connectors as well as wood parts and components cutting and formation tools.
3	Assemble wood products for making furniture, inspect and preserve wooden furniture and repair or replace parts.
4	Test furniture upon installation thereof, and ensure compliance with diagrams and specifications.
5	Finish and decorate furniture surfaces by inlaying or covering wood by veneer and carving designs.

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	Woodwork
2	Organization	2	Cabinet-making
3	Perseverance	3	Furniture design
4	Self Development	4	Furniture renovation
5		5	Gilding wood surfaces

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	752	Wood treaters, cabinet-makers and related trades workers
Unit group	7523	Woodworking machine tool setters and operators
Occupation	752301	Woodworking Machines and Tools Operator & Preparer

Occupation summary

Adjust, operate, mentor and maintain woodworking machines for making and repairing wooden materials and ensuring product quality and safety.

Main accountabilities

1	Adjust and prepare automatic or semi-automatic woodworking machines.
2	Operate woodworking machines and tools such as precision saws as well as forming, carving, designing, pressing, transformation, sanding and engraving machines.
3	Monitor operation of machines for detection of defects in parts thereof or malfunctions therein, as well as adjustment of equipment when required.
4	Inspect products upon production thereof, ensure compliance with diagrams and specifications, and return defected products.
5	Clean equipment and perform basic maintenance, report breakdowns to maintenance technicians or mechanics, and retain a record of completed works..

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 operation (wood and paper industry)
2	Organization	2	Wood knowledge
3	Perseverance	3	Wood measurement
4	Self Development	4	Treatment of wood surfaces
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7531	Tailors, dressmakers, furriers and hatters
Occupation	753101	Women's Clothing Tailor

Occupation summary

Take personal sizes; prepare women's clothing schemes; prepare and tailor fabric; prepare and operate sewing machines; tailor and finish clothing.

Main accountabilities

1	Take and record customer's personal sizes; draw basic diagrams of women's clothing; convert them into final schemes according to design and customer's desire; set sewing instructions and marks.
2	Select fabric in coordination with customer; prepare and stretch fabric; convert sewing marks from schemes into fabric; cut fabric.
3	Prepare, clean, lubricate and operate texture and stitch machines; adjust regulators thereof.
4	Implement preliminary sewing of women's clothing for trying thereon; make required adjustments; sew clothing pieces; install and sew required accessories such as liners, buttons and buttonholes.
5	Iron, and hang or package clothing.

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	Ladies' clothes
2	Organization	2	Tailoring (women's clothes)
3	Perseverance	3	Basic sewing
4	Self Development	4	Textiles
5		5	Modification work (tailoring)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7531	Tailors, dressmakers, furriers and hatters
Occupation	753102	Men's Clothing Tailor

Occupation summary

Take personal sizes; prepare men's clothing schemes; prepare and tailor fabric; prepare and operate sewing machines; tailor and finish clothing.

Main accountabilities

1	Take and record customer's personal sizes; draw basic schemes of men's clothing; convert them into final schemes according to design and customer's desire; set sewing instructions and marks.
2	Select fabric in coordination with customer; prepare and stretch fabric; convert sewing marks from schemes into fabric; cut fabric.
3	Prepare, clean, lubricate and operate texture and stitch machines; adjust regulators thereof.
4	Implement preliminary sewing of men's clothing for trying thereon; make required adjustments; sew clothing pieces; install and sew required accessories such as liners, buttons and buttonholes.
5	Iron, and hang or package clothing.

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	Men's clothes
2	Organization	2	Tailoring (men's clothes)
3	Perseverance	3	Basic sewing
4	Self Development	4	Textiles
5		5	Modification work (tailoring)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7531	Tailors, dressmakers, furriers and hatters
Occupation	753103	Fur Clothing & Bisht Tailor

Occupation summary

Take personal sizes; prepare fur clothing and bisht schemes; prepare and tailor fabric; prepare and operate sewing machines; tailor and finish clothing.

Main accountabilities

1	Take and record customer's personal sizes; draw basic schemes of fur clothing and bisht; convert them into final schemes according to design and customer's desire; set sewing instructions and marks.
2	Select fabric in coordination with customer; prepare and stretch fabric; convert sewing marks from schemes into fabric; cut fabric.
3	Prepare, clean, lubricate and operate texture and stitch machines; adjust regulators thereof.
4	Implement preliminary sewing of fur clothing and bisht for trying thereon; make required adjustments; sew clothing pieces; install and sew required accessories.
5	Iron, and hang or package clothing.

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	Fur sewing
2	Organization	2	Fur repair work
3	Perseverance	3	Basic sewing
4	Self Development	4	Textiles
5		5	Modification work (furs)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7531	Tailors, dressmakers, furriers and hatters
Occupation	753104	Agal Tailor

Occupation summary

Use, control and maintain agal tailoring machines and tools; tailor and make agal; ensure production quality of and safety.

Main accountabilities

1	Take and record personal sizes; tailor agal according thereto.
2	Select fabric in coordination with customer; prepare such fabric for usage in tailoring agal.
3	Operate agal tailoring machines; verify product conformity with technical specifications.
4	Clean equipment; perform basic maintenance; keep a record of completed works.
5	Compliance with 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	Textiles
2	Organization	2	Twinning ropes (manual)
3	Perseverance	3	Wire cloth weaving
4	Self Development	4	Detail sewing
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7531	Tailors, dressmakers, furriers and hatters
Occupation	753105	Military Tailor

Occupation summary

Take personal sizes; prepare military uniforms schemes; prepare and tailor fabric; prepare and operate sewing machines; tailor and finish uniforms .

Main accountabilities

1	Take and record personal sizes; draw basic schemes of military uniforms; convert them into final schemes according to design; set sewing instructions and marks.
2	Select fabric in coordination with customer; prepare and stretch fabric; convert sewing marks from schemes into fabric; cut fabric.
3	Prepare, clean, lubricate and operate texture and stitch machines; adjust regulators thereof.
4	Implement preliminary sewing of military uniforms for trying thereon; make required adjustments; sew military uniforms; install and sew required accessories such as liners, buttons and buttonholes.
5	Iron, and hang or package clothing.

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	Tailoring
2	Organization	2	Cutting-out (textiles)
3	Perseverance	3	Appliqué (textiles)
4	Self Development	4	Sewing machines
5		5	Hat-making

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7532	Garment and related patternmakers and cutters
Occupation	753201	Garment Patternmaker

Occupation summary

Draw and design variety of well-made patterns and shapes of garment; determine quantities, shapes and sizes as well as best scheme of parts thereof.

Main accountabilities

1	Review and interpret drawings and specifications of designs and material samples; determine quantities, shapes and size, as well as best scheme of patterns parts.
2	Draw outlines of patterns parts by adopting or copying existing patterns, or designing new patterns; draw details on parts indicating points of sewing , folds, pockets, and buttonholes.
3	Calculate dimensions of pattern; scale pattern for making required clothing sizes; identify and cut main patterns; mark ready-made patterns with relevant information such as size, identification and sewing instructions.
4	Follow lines specified on paper; copy such lines onto cardboard patterns; cut patterns into parts to create miniature patterns; place parts thereof over raw materials (fabrics).
5	Verify accuracy and suitability of sample's pattern by comparison thereof with original design; make adjustments where required to fulfil manufacturing specifications.

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	Textiles
2	Organization	2	Pattern design (clothes)
3	Perseverance	3	Pattern laying
4	Self Development	4	Clothes sketching
5		5	Model dressmaking

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7533	Sewing, embroidery and related workers
Occupation	753301	Tailor

Occupation summary

Take personal sizes; prepare clothing schemes; prepare and tailor fabric; prepare and operate sewing machines; tailor and finish clothing.

Main accountabilities

1	Take and record customer's personal sizes; draw basic schemes of clothing; convert them into final schemes according to design and customer's desire; set sewing instructions and marks.
2	Select fabric in coordination with customer; prepare and stretch fabric; convert sewing marks from schemes into fabric; cut fabric.
3	Prepare, clean, lubricate and operate texture and stitch machines; adjust regulators thereof.
4	Implement preliminary sewing of clothing for trying thereon; make required adjustments; sew clothing pieces; install and sew required accessories such as liners, buttons and buttonholes.
5	Iron, and hang or package clothing.

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	Tailoring
2	Organization	2	Cutting-out (textiles)
3	Perseverance	3	Appliqué (textiles)
4	Self Development	4	Basic sewing
5		5	Modification work (tailoring)

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7533	Sewing, embroidery and related workers
Occupation	753302	Embroidery Worker

Occupation summary

Apply recognized methods for designs of printed embroideries and automatic sewing patterns for embroidery on fabrics and clothing.

Main accountabilities

1	Sort and classify fiber to ensure the use of suitable materials.
2	Determine type of thread and required quantity based on demands specifications.
3	Prepare and operate sewing machine or use printed designs to embroider names, letters and decorative designs on clothing; stitch decorative ribbons; cut braided fabrics - for decoration - and drawings on clothing.
4	Monitor operations to ensure compliance with specifications; identify and repair any defects in sewing and embroidery.
5	Perform basic maintenance of equipment such as replacement of needle or cleaning and lubrication of sewing machines.

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	Embroidery
2	Organization	2	Appliqué (textiles)
3	Perseverance	3	Embroidery machine
4	Self Development	4	Decorative painting
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7534	Upholsterers and related workers
Occupation	753401	Upholsterer

Occupation summary

Determine work's materials and specifications; estimate quantities and cost thereof; prepare fixed and portable upholstery tools and machines; prepare and install upholstery stuffing; prepare, sew and install top layer.

Main accountabilities

1	Take actual measurements, determine required work materials and specifications thereof in coordination with customer; estimate quantities and cost thereof; follow-up availability thereof.
2	Prepare and operate fixed and portable upholstery machines; make upholstered items, prepare prints; place such prints on upholstered items.
3	Install and bind upholstery webbing and spring; install hessian and stuffing layers.
4	Tailor and cut upholstery fabrics, sew such fabrics by using sewing machines; install and fix top layer; select and install accessories.
5	Inspect upholstered items, identify damage; perform required maintenance.

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	Furniture upholstery
2	Organization	2	Basic sewing
3	Perseverance	3	Curtain sewing
4	Self Development	4	Textiles
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7534	Upholsterers and related workers
Occupation	753402	Mattress Maker

Occupation summary

Determine type of materials and required quantity based on specifications of demands; apply making mattresses methods; use of machines designated for making and production of mattresses; apply OHS procedures and instructions.

Main accountabilities

1	Discuss type of fabric used in making mattresses, color and model thereof with customers; provide cost and time estimations.
2	Determine type of required materials, equipment and quantity based on demands specifications.
3	Apply making mattresses methods; use of machines designated for making and production of mattresses as per required specifications.
4	Monitor operations to ensure compliance with specifications; identify and repair any defects in mattresses.
5	Apply 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	Furniture upholstery
2	Organization	2	Basic sewing
3	Perseverance	3	Textiles
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7535	Pelt dressers, tanners and fellmongers
Occupation	753501	Tanner

Occupation summary

Prepare and clean leather; process materials required for tanning; prepare and operate leather tanning machines and monitor performance thereof; tannin and inspect leather.

Main accountabilities

1	Prepare and clean leather in cleaning basins/tanks with water and chemicals.
2	Process tanning materials according to quantities specified for chrome and vegetable tanning.
3	Feed tanning machine with leather and tanning materials; adjust regulators of temperature and tanning solution pH; operate machine; tannin leather; inspect absorption of tanning materials by leather and pH level thereof during tanning.
4	Remove tanned leather from machine, and place it in the designated place.
5	Drain tanning machine of tuning solution, and clean 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	Leather cleaning
2	Organization	2	Suede leather grinding
3	Perseverance	3	Dressing of skins and hides
4	Self Development	4	Chrome tanning
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7535	Pelt dressers, tanners and fellmongers
Occupation	753502	Genuine Leather Processor

Occupation summary

Shear, cut, clean, polish, tannin and dye fur; apply chemical solutions on genuine leather for water insulation to produce a stock of ready-made genuine leather.

Main accountabilities

1	Inspect, sort and classify genuine leather according to thickness, color and size.
2	Clean genuine leather from any flesh, grease and long coarse hair.
3	Improve look of leather by stretching , polishing and dying; apply chemical solutions or mixtures prepared for processing leather and water insulation thereof on leather.
4	Inspect leather to ensure lack of defects such as holes or scratches; repair such defects.
5	

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	Leather cleaning
2	Organization	2	Dressing of skins and hides
3	Perseverance	3	Assembly (leather)
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7536	Shoemakers and related workers
Occupation	753601	Shoemaker

Occupation summary

Make and repair ordinary, orthopedic and other shoes.

Main accountabilities

1	Sort and classify materials to ensure proper use thereof; determine required type and quantity of material based on demand specifications.
2	Produce shoes and other footwear by assembling leather parts together and dyeing shoes in required color.
3	Produce orthopedic and other shoes according to Rx; modify existing shoes to fulfil special needs.
4	Inspect and repair shoes; remove and replace worn or damaged parts by using shoe repair machines or hand tools.
5	Monitor operations to ensure compliance with specifications; identify and repair any defects.

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	Shoemaking
2	Organization	2	Shoe design
3	Perseverance	3	Shoeshine work
4	Self Development	4	Soling/heeling
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	753	Garment and related trades workers
Unit group	7536	Shoemakers and related workers
Occupation	753602	Leather Goods Manufacturer

Occupation summary

Study leather goods design; prepare leather designing and cutting tools and molds; stitch and sew Leather; glue leather parts; apply OHS procedures and instructions.

Main accountabilities

1	Study leather goods design; determine measurements, parts and types of accessories thereof; select type and measurements and colors of leather.
2	Prepare leather designing and cutting tools and molds; draw goods parts on leather; design and cut goods.
3	Sew leather manually by awl and needle; prepare machine sewing stitching on leather; stitch and sew leather; glue parts thereof.
4	Install accessories required for goods; finish, complete and store goods.
5	Apply 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	Leather sewing
2	Organization	2	Cutting-out (leather)
3	Perseverance	3	Leather goods
4	Self Development	4	Leather stitching
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7541	Underwater divers
Occupation	754101	Oyster Diver

Occupation summary

Master diving skills; implement underwater extraction of oyster; study and observe marine conditions; communicate by using signals; perform maintenance of diving devices and equipment; use and adjust diving devices and tools.

Main accountabilities

1	Master diving skills; implement extraction of oyster at different depths.
2	Study and observe marine conditions; communicate with concerned parties by using signals or multi-communication devices.
3	Perform preventive maintenance of diving equipment and devices; ensure proper operation thereof.
4	Use and adjust devices and tools used in diving; keep such devices and tools clean and arranged in places designated for them.
5	Comply with 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	Diving
2	Organization	2	Diving (navy specialisation)
3	Perseverance	3	Shellfish farming
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7541	Underwater divers
Occupation	754102	Diver

Occupation summary

Master diving skills; implement rescue operations; extract or install material underwater; study and observe marine conditions; communicate by using signals; perform maintenance of diving devices and equipment; use and adjust diving devices and tools.

Main accountabilities

1	Master diving skills; implement rescue operations, and extract or install material at different depths;
2	Study and observe marine conditions; communicate with concerned parties by using signals or multi-communication devices.
3	Perform preventive maintenance of diving equipment and devices; maintain underwater structures such as ships, bridge supports and rigs.
4	Cooperate and communicate with seafarers, and assist them in implementation of duties requiring diving, exchange information and experiences; coordinate and implement operations to achieve common interest.
5	Use and adjust devices and tools used in diving; keep such devices and tools clean and arranged in places designated for them.

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	Diving
2	Organization	2	Diving (navy specialisation)
3	Perseverance	3	Diving supervision
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7541	Underwater divers
Occupation	754103	Marine Construction Diver

Occupation summary

Master diving skills; implement construction operations; install material underwater; study and observe marine conditions; communicate by using signals; perform maintenance of diving devices and equipment; use and adjust diving devices and tools.

Main accountabilities

1	Master diving skills; implement construction operations, and install various material and devices at different depths;
2	Study and observe marine conditions; communicate with concerned parties by using signals or multi-communication devices.
3	Perform preventive maintenance of diving equipment and devices; ensure proper operation thereof.
4	Use and adjust devices and tools used in diving; keep such devices and tools clean and arranged in places designated for them.
5	Comply with 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	Diving
2	Organization	2	Diving (navy specialisation)
3	Perseverance	3	Construction diving
4	Self Development	4	
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7542	Shotfirers and blasters
Occupation	754201	Explosive Worker

Occupation summary

Study places of explosion and surrounding conditions; determine quantity, type and specifications of explosives and devices to be used; Place explosives in blast holes; inspect such holes, remove unexploded explosives; ensure safe storage and transportation of explosives.

Main accountabilities

1	Study drawings of places to be detonated and find all details related thereto and surrounding conditions.
2	Determine quantity, type and specifications of explosives and devices to be used in explosion to complete required duties; determine locations of planting explosives.
3	Perform field survey; find and solve problems; place explosives in blast holes; ensure proper installation thereof.
4	Inspect blast holes upon explosion; remove unexploded explosives; ensure safe completion of operation.
5	Ensure safe storage and transportation of explosives in accordance with public safety rules, as well as regulatory 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	Blasting
2	Organization	2	Underground blasting
3	Perseverance	3	Underwater blasting
4	Self Development	4	Hazardous material handling & storage
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7543	Product graders and testers (excluding foods and beverages)
Occupation	754301	Quality Controller

Occupation summary

Collect, inspect and analyze product samples; review and control quality policies and procedures.

Main accountabilities

1	Collect samples of different stages of manufacturing processes such as products being manufactured and final products.
2	inspect samples of manufacturing process products; verify compliance with required quality standards. Document results.
3	Identify sources of defects; set recommendations to mitigate effects thereof; update quality of policies and procedures accordingly.
4	Maintain technical expertise; update knowledge on trends of sector and governmental regulations.
5	

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	Quality assurance
2	Organization	2	Quality auditing
3	Perseverance	3	Quality control
4	Self Development	4	Quality reporting
5		5	Data analysis

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7543	Product graders and testers (excluding foods and beverages)
Occupation	754302	Product Examiner & Evaluator

Occupation summary

Examine, test, and sort materials and components; take and weight samples; classify products; ensure compliance with quality standards.

Main accountabilities

1	Interpret technical drawings and manuals for specification as well as inspection and testing procedures.
2	Examine and test products, spare parts and materials to ensure compliance thereof with specifications and standards.
3	Classify and categorize materials as per quality.
4	Record examination and test data such as weights, grades and quantities; document results; submit reports to concerned authorities.
5	

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	Reading of technical drawings
2	Organization	2	Type inspection
3	Perseverance	3	Product validation
4	Self Development	4	Materials control
5		5	Material testing

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7544	Fumigators and other pest and weed controllers
Occupation	754401	Pest Control Worker

Occupation summary

use spray equipment; prepare pesticides, and spray plants therewith.

Main accountabilities

1	Inspect and clean both manual and automatic equipment and tools used in spraying, dusting and fumigation.
2	Select pesticides; inspect validity and required quantity thereof; mixing such pesticides with water according to specified ratio; process and put the said pesticides in spraying machines.
3	Spray plants with pesticides and fungicides by using spraying machines and tools; dispose spray residues.
4	Dust plants with pesticides as per instructions.
5	Scatter insecticide and rodenticide.

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	Pesticide spraying
2	Organization	2	Pest and insect control methods
3	Perseverance	3	Pesticide spraying
4	Self Development	4	Hazardous material handling & storage
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7549	Craft and related workers not elsewhere classified
Occupation	754901	Fake Flower Manufacturer

Occupation summary

Apply methods and patterns recognized in manufacturing artificial flowers; produce artificial flowers according to required specifications.

Main accountabilities

1	Identify materials manufacturing artificial flowers; ensure availability thereof when required.
2	Prepare and operate artificial flower manufacturing equipment; use hand tools for production thereof.
3	Monitor operations to ensure compliance with specifications; identify and repair any defects in artificial flower.
4	Comply with OHS procedures and instructions.
5	

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	Flowers and plants
2	Organization	2	Manufacturing of plastic moulds
3	Perseverance	3	Plastic welding
4	Self Development	4	Flower decoration
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7549	Craft and related workers not elsewhere classified
Occupation	754902	Flowers Coordinator

Occupation summary

Select, collect and cut suitable flowers; coordinate such flowers inside the bouquet; present flowers bouquets in a good way for attraction of customers.

Main accountabilities

1	Select, collect and cut suitable flowers to be coordinated.
2	Coordinate flowers inside the bouquet as per required quantities and specifications.
3	Present flowers bouquets in a good way for attraction of customers.
4	Comply with OHS procedures and instructions.
5	

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	Flowers and plants
2	Organization	2	Flower garland making
3	Perseverance	3	Flower decoration
4	Self Development	4	Shop display work
5		5	

Saudi Standard Classification of Occupations

Occupation data

	Code	Title
Major	7	Craft and related trades workers
Sub-major group	75	Food processing, wood working, garment and other craft and related trades workers
Minor group	754	Other craft and related workers
Unit group	7549	Craft and related workers not elsewhere classified
Occupation	754903	Incense & Perfume Maker

Occupation summary

Apply methods recognized in making incense and perfume; produce incense and perfume according to required specifications.

Main accountabilities

1	Identify materials making incense and perfume; ensure availability thereof when required.
2	Prepare and operate incense and perfume making equipment; use hand tools for production thereof.
3	Monitor operations to ensure compliance with specifications, as well as identification and repair of any defects in incense and perfume.
4	Comply with OHS procedures and instructions.
5	

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	Perfumes and cosmetics
2	Organization	2	Flowers and plants
3	Perseverance	3	Oil Making
4	Self Development	4	Material testing
5		5	