



Model Curriculum

QP Name: Automotive Washer

QP Code: ASC/ Q 1101

QP Version: 1.0

NSQF Level: 2

Model Curriculum Version: 1.0

Automotive Skill Development Council
153, Gr Floor, Okhla Industrial Area, Phase – III, Leela Building, New Delhi – 110020

Washer

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Washer”, in the “Automotive” Sector/Industry and aims at building the following key competencies amongst the learner.

Program Name	Washer		
Qualification Pack Name & Reference ID.	ASC/Q1101, v1.0		
Version No.	1.0		
Pre-requisites to Training	Class V		
Training Outcomes	<p>After completing this program, participants will be able to:</p> <ul style="list-style-type: none"> • Perform cleaning and washing of a vehicle both on the outside as well as inside. • Plan and organise work in order to complete it to the required standards, on time and within budget in terms of cost and material. • Work effectively with colleagues, either in own work group or in other work groups within an organisation. • Maintain a healthy, safe and secure working environment. 		

This course encompasses 4 out of 4 National Occupational Standards (NOS) of “Washer” Qualification Pack issued by “Automotive Skill Development Council (ASDC)”.

Sr. No.	Module	Key learning outcomes	Equipment Required
1	<p>Introduction to the job role</p> <p>Theory Duration (hh:mm) 02:00</p> <p>Practical Duration (hh:mm) 00:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> Describe the role and responsibilities of a Customer Relationship Manager. Explain the organisation structure of the sales department in a dealership. Describe the safety, health and environmental policies and regulations for the workplace as well as for automotive trade in general. Describe safety requirements for equipment, auto components and aggregates. Describe organisational and professional code of ethics and standards of practice. Interpret standard operating procedure (SOP) to implement quality culture at the organisation. 	<p>Training Kit (Presentations, Trainer Guide).</p>
2	<p>Preparation for vehicle cleaning and washing</p> <p>Theory Duration (hh:mm) 06:00</p> <p>Practical Duration (hh:mm) 12:00</p> <p>Corresponding NOS Code ASC/N1101</p>	<ul style="list-style-type: none"> Identify the standard operating procedures of the dealership for vehicle cleaning. Interpret the instructions given by supervisor regarding the washing, routine and any other specific cleaning requirements. Demonstrate how to drive various 2 and 4-wheeler vehicles in order to facilitate vehicle cleaning at the desired location within the organizational setup. Inspect parts, equipment, or vehicles for cleanliness. Identify the different types of grime such as, graffiti (e.g., paint, ink), encrusted human waste, scuff marks, soil and dust, oil and other grease, dried food and other stains. Describe the various methods used for cleaning various types of grime such as scraping, use of squeegee and chamois, use of chemicals, machine-assisted or manual cleaning, washing or scrubbing/cleaning, brushing, sweeping, blowing off with air. Perform mixing of cleaning solutions, abrasive compositions, or other compounds as advised by the supervisor. 	<p>Training Kit (Presentations, Trainer Guide), cleaning solutions, abrasive compositions, or other compounds, paintbrushes, implements, tools and , personal protective safety equipment (PPE) used for cleaning such as absorbent cloths, lint free cleaning cloths, buckets, brushes, hand brooms, hoses, dust pans, spotting spray bottles, applicators, squeegees (various sizes), chamois, scrapers, air blowing equipment, air compressors, extension poles, ladders and scaffold, chemicals and cleaning solutions,</p>

Sr. No.	Module	Key learning outcomes	Equipment Required
		<ul style="list-style-type: none"> Identify the standard operating procedures recommended by the dealership for using water hose pipe or any other machine which may be required to carry out the exterior or interior cleaning. Describe how to operate the machines and equipment to perform cleaning tasks. Explain how to operate various types of implements used for cleaning such as air blowing equipment, air compressors, extension poles, ladders and scaffold, chemicals and cleaning solutions, specialised graffiti removal agents etc. Describe the various types of tools used for cleaning such as buckets, brushes, hand brooms, hoses, dust pans, spotting spray bottles, applicators, squeegees (various sizes), chamois, scrapers etc. Identify the various types of safety equipment used for cleaning such as absorbent cloths, lint free cleaning cloths, rubber gloves, face masks, protective clothing including overalls and safety boots, breathing filters, safety glasses etc. Perform shifting of materials, equipment, or supplies to or from work areas, using carts or hoists. Demonstrate lubrication of machinery and the required masking materials to preserve, protect and condition the vehicle. 	specialised graffiti removal agents, rubber gloves, face masks, protective clothing including overalls and safety boots, breathing filters, safety glasses, cloth, squeegees, or air compressors, Sweep, shovel, or vacuum.
3	<p>Perform vehicle cleaning and washing</p> <p>Theory Duration (hh:mm) 06:00</p> <p>Practical Duration (hh:mm) 12:00</p> <p>Corresponding NOS Code ASC/N1101</p>	<ul style="list-style-type: none"> Perform Pre-soaking or rinsing of machine parts, equipment, or vehicles parts by immersing objects in cleaning solutions or water, manually or using hoists. Identify how to regulate pressure or flow of water, air, steam, or abrasives from sprayer nozzles. Turn valves or handles on equipment to regulate pressure or flow of water, air, steam, or abrasives from sprayer nozzles. Perform scrubbing, scraping or spraying of machine parts, equipment, or vehicles, using scrapers, brushes, clothes, cleaners, disinfectants, insecticides, acid, abrasives, vacuums, or hoses. 	Training Kit (Presentations, Trainer Guide), cleaning solutions, abrasive compositions, or other compounds, paintbrushes, implements, tools and , personal protective safety equipment (PPE) used for cleaning such as absorbent cloths, lint free cleaning cloths, buckets, brushes, hand brooms, hoses, dust pans,

Sr. No.	Module	Key learning outcomes	Equipment Required
		<ul style="list-style-type: none"> • Demonstrate how to perform vacuuming, cleaning and maintenance of vehicle interiors, including dashboards, consoles, carpet and car seats, clean door trims and hinges, wash and polish vehicle exteriors and blacken tyres, fit boot spoilers, side skirts, or mud flaps, drive vehicles through automatic car washes, blacken tyres. • Operate and/or activate cleaning equipment or machines and notify the supervisors in case of any malfunctions. • Perform cleaning of the interior and exterior surfaces of vehicles, plastic work inside cars, using paintbrushes, vehicle windows, seat frames, backs and bottoms and blacken tyres, driver seat, seating area, windshield, drivers side glass and vehicle dash, passenger grab rails and stanchions, floor to remove gum, dirt and grease, Electrical and Electronic component, couplers, connection etc. • Maintain specified distance and pressure while washing engine compartment. • Perform rinsing of objects and place them on drying racks. • Use cloth, squeegees, or air compressors to dry surfaces. • Perform sweeping, shovelling or vacuum loose debris. • Store salvageable scrap into containers. • Remove debris and other dirt containers from work areas. • Describe how to adjust machines, devices, moving parts, and equipment post cleaning. • Maintain cleanliness of the work and shop areas to ensure a safe work environment. 	<p>spotting spray bottles, applicators, squeegees (various sizes), chamois, scrapers, air blowing equipment, air compressors, extension poles, ladders and scaffold, chemicals and cleaning solutions, specialised graffiti removal agents, rubber gloves, face masks, protective clothing including overalls and safety boots, breathing filters, safety glasses, cloth, squeegees, or air compressors, Sweep, shovel, or vacuum.</p>
4	<p>Plan and organise work to meet expected outcomes</p> <p>Theory Duration (hh:mm) 04:00</p> <p>Practical Duration (hh:mm)</p>	<ul style="list-style-type: none"> • Interpret Standard Operating Procedures (SOP) and plan sequence of operations correctly. • Adhere to 5S practices and keep the work area clean and tidy. • Organise required tools and equipment for the task to be carried out. • Maintain information confidentiality and share the information with the concerned authority only. 	<p>Training kit (Trainer guide, Presentations).</p>

Sr. No.	Module	Key learning outcomes	Equipment Required
	06:00 Corresponding NOS Code ASC/N0001	<ul style="list-style-type: none"> Seek guidance from the appropriate authority as per the policy. Interpret the work correctly and agree on the timelines to complete the work accurately. Manage time, resources and cost effectively to achieve better results. 	
5	Working effectively in a team Theory Duration (hh:mm) 04:00 Practical Duration (hh:mm) 06:00 Corresponding NOS Code ASC/N0002	<ul style="list-style-type: none"> State the importance of communication. Describe various communication methods. Explain the importance of listening skills in day-to-day activities. Describe the importance of non-verbal communication. State characteristics of an aligned team. Communicate required information to colleagues as per company policy. Respect colleagues and customers at all times. Adhere to commitments made to complete the work timely and accurately. Demonstrate problem solving and decision making abilities. Collaborate with team members to achieve the task. Carry out required documentation as per the policy. Communicate effectively with colleagues and customers. Read instructions and applicable guidelines accurately. Seek clarification or advice from the concerned authority. Check the quality of work and ensure that the work is complete in all respects. 	Training kit (Trainer guide, Presentations).
6	Maintaining a healthy, safe and secure working environment Theory Duration (hh:mm) 04:00 Practical Duration (hh:mm) 06:00 Corresponding NOS Code	<ul style="list-style-type: none"> Describe organization's policy regarding health, safety and security. Identify potential hazards at the workplace and take necessary actions to avoid such hazards. Report any identified safety breaches to the concerned authority. Identify the components of a first aid kit. Provide first aid to minor injuries at the workplace. Explain the term 'Fire Triangle'. 	Training Kit (Presentations, Trainer Guide) first aid kit, different types of fire extinguishers, personal protective equipment (PPE).

Sr. No.	Module	Key learning outcomes	Equipment Required
	ASC/N0003	<ul style="list-style-type: none"> Identify various types of fire extinguishers and state their application. Operate a fire extinguisher to extinguish the fire. Interpret various safety symbols. 	
	Total Duration 68:00 Theory Duration 26:00 Practical Duration 42:00	Unique equipment required: Training Kit (Presentations, Trainer Guide), cleaning solutions, abrasive compositions, or other compounds, paintbrushes, implements, tools and , personal protective safety equipment (PPE) used for cleaning such as absorbent cloths, lint free cleaning cloths, buckets, brushes, hand brooms, hoses, dust pans, spotting spray bottles, applicators, squeegees (various sizes), chamois, scrapers, air blowing equipment, air compressors, extension poles, ladders and scaffold, chemicals and cleaning solutions, specialised graffiti removal agents, rubber gloves, face masks, protective clothing including overalls and safety boots, breathing filters, safety glasses, cloth, squeegees, or air compressors, Sweep, shovel, or vacuum, First Aid Kit, Different types of fire extinguishers.	

Grand Total Course Duration: **68 Hours, 0 Minutes**

(This syllabus/ curriculum has been approved by [Automotive Skill Development Council](#))