GASFITTER - CLASS B RSOS 2024

NOA 2014		MOVED TO	RSOS 2024	
BLOCK	**A – Common Occupational Skills**		**MWA**	**A – Performs common occupational skills**
Task	**1. Performs safety-related functions.**		**Task**	**1. Performs safety-related functions**
Sub-task	1.01 Uses personal protective equipment (PPE) and safety equipment.	1.02	Sub-task	1.01 Maintains safe work environment
Sub-task	1.02 Maintains safe work environment.	1.01	Sub-task	1.02 Uses personal protective equipment (PPE) and safety equipment
Task	**2. Maintains and uses tools and equipment.**		**Task**	**2. Uses tools and equipment**
Sub-task	2.01 Maintains hand, power and powder-actuated tools.	2.01	Sub-task	2.01 Uses hand and power tools
Sub-task	2.02 Uses technical instruments and testers.	2.02	Sub-task	2.02 Uses technical instruments and testers
Sub-task	2.03 Uses access equipment.	2.03	Sub-task	2.03 Uses access equipment
Sub-task	2.04 Operates lifting, rigging and hoisting equipment.	2.04	Sub-task	2.04 Operates lifting, rigging and hoisting equipment
Task	**3. Plans and prepares for installation, service and maintenance.**		**Task**	**3. Organizes work**
Sub-task	3.01 Interprets drawings and codes.	3.01	Sub-task	3.01 Interprets documents
Sub-task	3.02 Selects systems, equipment and components.		Sub-task	3.02 Selects systems, equipment and components
Sub-task	3.03 Organizes work.	3.03	Sub-task	3.03 Plans for installation, service and maintenance
		NEW	**Task**	**4. Uses communication and mentoring techniques**
			Sub-task	4.01 Uses communication techniques
			Sub-task	4.02 Uses mentoring techniques
BLOCK	**B - Gas Piping Preparation and Assembly**		**MWA**	**B - Installs fuel piping and tubing systems**
Task	**4. Fits tube and tubing for gas piping systems.**		**Task**	**5. Selects and installs piping for fuel systems**
			Sub-task	5.01 Selects piping for fuel systems
Sub-task	4.01 Prepares tube and tubing for fitting.	6.02	Sub-task	5.02 Prepares piping for fuel systems
Sub-task	4.02 Bends tube and tubing for gas piping systems.	6.02	Sub-task	5.03 Installs piping for fuel systems
Sub-task	4.03 Connects tube and tubing for gas piping systems.	6.03		
			Task	**6. Selects and installs tubing for fuel systems**
Task	**5. Fits plastic pipe for gas piping systems.**		**Sub-task**	6.01 Selects tubing for fuel systems
Sub-task	5.01 Prepares plastic pipe for fitting.	5.01 and 5.02	Sub-task	6.02 Prepares tubing for fuel systems
Sub-task	5.02 Connects plastic pipe for gas piping systems.	5.03	Sub-task	6.03 Installs tubing for fuel systems
Task	**6. Fits steel pipe for gas piping systems.**			
Sub-task	6.01 Prepares steel pipe for fitting.	5.01 and 5.02		
Sub-task	6.02 Connects steel pipe for gas piping systems.	5.03		
BLOCK	**C - Venting and Air Supply Systems**		**MWA**	**C - Installs venting and air supply systems**
Task	**7. Installs venting.**		**Task**	**7. Selects and installs venting systems**
Sub-task	7.01 Lays out venting.	7.01	Sub-task	7.01 Selects materials for venting systems
Sub-task	7.02 Prepares venting material for assembly.	7.02	Sub-task	7.02 Prepares materials for venting systems
Sub-task	7.03 Connects material for venting.	7.03	Sub-task	7.03 Installs venting systems
Task	**8. Installs air supply system.**		**Task**	**8. Selects and installs air supply systems**
Sub-task	8.01 Lays out air supply system.	8.01 and 8.02	Sub-task	8.01 Selects materials for air supply systems
Sub-task	8.02 Connects air supply systems.	8.03	Sub-task	8.02 Prepares materials for air supply systems
				8.03 Installs air supply systems
Task	**9. Installs draft control systems.**		**Task**	**9. Selects and installs draft control systems**
Sub-task	9.01 Installs natural draft control systems.	9.02	Sub-task	9.01 Selects components for draft control systems
Sub-task	9.02 Installs mechanical draft control systems.	9.02	Sub-task	9.02 Installs components for draft control systems
BLOCK	**D - Controls and Electrical Systems**		**MWA**	**D - Installs controls and electrical systems**
Task	**10. Selects and installs electronic components.**		**Task**	**10. Selects and installs combustion control systems**
Sub-task	10.01 Performs selection and installation of combustion controls.	10.01 and 10.02	Sub-task	10.01 Selects combustion control components

Sub-task	10.02 Performs selection and installation of flame safeguards.	11.01 and 11.02	Sub-task	10.02 Installs combustion control components
Sub-task	10.03 Performs selection and installation of safety and operating controls.	12.01 and 12.02	Sub-task	
			Task	**11. Selects and installs flame safeguard systems**
			Sub-task	11.01 Selects flame safeguard components
			Sub-task	11.02 Installs flame safeguard components
			Task	**12. Selects and installs operating control systems**
			Sub-task	12.01 Selects operating control components
			Sub-task	12.02 Installs operating control components
Task	**11. Selects and installs electrical components.**		**Task**	**13. Selects and installs electrical systems**
Sub-task	11.01 Selects electrical components.	13.01	Sub-task	13.01 Selects electrical components
Sub-task	11.02 Performs assembly and connection of electrical components.	13.02	Sub-task	13.02 Installs electrical components
Task	**12. Installs automation and instrumentation control systems.**		**Task**	**14. Selects and installs automation and instrumentation control systems**
Sub-task	12.01 Performs selection of automation and instrumentation control systems.	14.01	Sub-task	14.01 Selects automation and instrumentation control components
Sub-task	12.02 Performs assembly and connection of automation and instrumentation control systems.	14.02	Sub-task	14.02 Installs automation and instrumentation control components
BLOCK	**E - Installation of Systems and Equipment**		**MWA**	**E - Installs and converts fuel systems, appliances and ancillary equipment**
Task	**13. Installs gas-fired system piping and equipment.**		**Task**	**15. Selects, installs and converts fuel systems, appliances and ancillary equipment**
Sub-task	13.01 Installs gas-fired equipment.	15.02	Sub-task	15.01 Selects appliances and ancillary equipment
Sub-task	13.02 Installs gas piping systems.	15.02	Sub-task	15.02 Installs appliances and ancillary equipment
Sub-task	13.03 Connects gas supply to equipment.	15.02	Sub-task	15.03 Installs fuel conversion components
Sub-task	13.04 Connects equipment to energy distribution systems.	15.02		
Task	**14. Installs gas-fired system components.**			
Sub-task	14.01 Installs valve trains.	15.02		
Sub-task	14.02 Installs accessories.	15.02		
Task	**15. Installs propane storage and handling systems.**		**Task**	**16. Selects and installs propane and natural gas storage, handling and dispensing systems**
Sub-task	15.01 Installs propane storage systems.	16.01 and 16.02	Sub-task	16.01 Selects propane and natural gas storage, handling and dispensing systems
Sub-task	15.02 Installs propane-handling systems.	16.01 and 16.02	Sub-task	16.02 Installs propane and natural gas storage, handling and dispensing systems
				17. Selects and installs other fuel storage, handling and dispensing systems
				17.01 Selects other fuel storage, handling and dispensing systems
				17.02 Installs other fuel storage, handling and dispensing systems
BLOCK	**F - Testing and Commissioning of Gas-Fired Systems**		**MWA**	**F - Tests and commissions fuel systems, appliances and ancillary equipment**
Task	**16. Tests gas-fired systems.**		**Task**	**18. Tests fuel delivery systems**
			Sub-task	18.01 Selects testing equipment and procedures
Sub-task	16.01 Tests gas piping systems.	18.02	Sub-task	18.02 Tests fuel piping and tubing systems
Sub-task	16.02 Performs start-up procedures.	19.01		
Task	**17. Commissions gas-fired systems.**		**Task**	**19. Commissions fuel systems, appliances and ancillary equipment**
			Sub-task	19.01 Performs start-up procedures
Sub-task	17.01 Performs testing, adjusting and balancing procedures.	19.02	Sub-task	19.02 Performs testing, adjusting and balancing procedures
Sub-task	17.02 Completes commissioning report and handover.	19.03	Sub-task	19.03 Completes commissioning report and handover
BLOCK	**G - Servicing gas-fired Systems**		**MWA**	**G - Services fuel systems, appliances and ancillary equipment**

Task	18. Maintains gas-fired systems.
Sub-task	18.01 Inspects system components and operation.
Sub-task	18.02 Performs maintenance activities.
Task	**19. Repairs gas-fired systems.**
Sub-task	19.01 Diagnoses gas-fired equipment and components.
Sub-task	19.02 Selects replacement components.
Sub-task	19.03 Replaces components.
Sub-task	19.04 Verifies operation.
Task	**20. Decommissions gas-fired systems.**
Sub-task	20.01 Disconnects appliances and accessories.
Sub-task	20.02 Removes gas-fired systems and components.

	Task	20. Maintains fuel systems, appliances and ancillary equipment
20.01	Sub-task	20.01 Inspects system components and operation
20.02	Sub-task	20.02 Performs maintenance activities
	Task	**21. Repairs fuel systems, appliances and ancillary equipment**
20.01	Sub-task	21.01 Diagnoses system components and operation
21.02	Sub-task	21.02 Replaces components
21.02	Sub-task	21.03 Verifies operation
21.03		
	Task	**22. Decommissions fuel systems, appliances and ancillary equipment**
22.01	Sub-task	22.01 Disconnects appliances and ancillary equipment
22.02	Sub-task	22.02 Removes appliances and ancillary equipment