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SELF - ASSESSMENT GUIDE

Qualification:	PLUMBING NC I		
Unit of Competency covered:	<ul style="list-style-type: none"> • Prepare Plumbing Layout • Make Piping Joints and Connections • Perform Minor Construction Works • Install and Assemble Single Plumbing Unit 		
Instruction: <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a check in the appropriate box opposite each question to indicate your answer. 			
Can I?	YES	NO	
PREPARE PLUMBING LAYOUT			
• Identify and select tools and materials as per job requirements			
• Select and use appropriate PPE as per job requirements			
• Observe safety regulations and practices			
• Identify locations of pipe stub outs as per job requirements.			
• Check pipe stub-out plumbness and alignment prior to concrete pouring.			
• Prepare pipe sleeve openings according to job requirements			
• Cut pipes within tolerance / required length and according to specifications			
• Check and verify tools and materials to ensure if free from any damage and defects			
• Maintain tools in accordance with work place procedures.			
• Demonstrate knowledge of faults and problems and common solutions			
• Collect and store-reusable materials as per standard practice			
• Perform good housekeeping following safety standards			
• Dispose-waste and scrap materials as per environmental procedure			

MAKE PIPING JOINTS AND CONNECTIONS		
• Set measurements following piping lay-out / plans and specifications		
• Make joints according to perpendicularity and levelness of alignment		
• Select and use pipe sealant in line with job requirements		
• Clean pipes and fittings following standard operating procedure		
• Perform trial fitting of pipes prior to final connection following standard operating procedure		
• Select and use tools, materials and equipment according to job requirements		
• Apply teflon tape and / or other related materials according to job requirements		
• Perform threading connections following piping table and specifications		
• Pack joints firmly with oakum or hemp and fitted with molten pig lead or epoxy to a depth of not less than 25.4 mm and are aligned with each other when using bell and spigot cast iron pipes and fittings		
• Install couplers to connect pipes and fittings for cast iron hubless pipes and fittings		
• Select and use PPE in line with job requirement		
• Perform good housekeeping		
PERFORM MINOR CONSTRUCTION WORKS		
• Interpret work instructions as to job requirements		
• Select materials, tools and equipment in line with job requirements		
• Select and use PPE in line with job requirements		
• Perform piping lay-out and planting of pipe sleeves on walls and floors		
• Set out dimensions and alignment according to specified roughing-in measurements		
• Cut walls without causing damage to floors/walls and adjacent systems/installations		
• Restore cut concrete walls and floors in original condition		
• Perform good housekeeping		

INSTALL AND ASSEMBLE SINGLE PLUMBING UNIT		
• Read and interpret work instructions/plans in accordance with the job requirements		
• Select and prepare materials, tool and equipment in line with job requirements		
• Install pipes and fittings according to plans and specifications following the Revised National Plumbing Code of the Philippines (RNPCP)		
• Align drainage/sewer/vent piping system with water supply and provides clean-outs as indicated in the approved plan		
• Use approved fittings in installing drainage/sewer pipes		
• Observe correct usage of tools and equipment according to manufacturer's instruction manual		
• Use correct specifications of materials for hot and cold water piping according to job requirements		
• Install hot and cold water supply system according to the approved working plan		
• Assemble leak free water supply line, aligned with drainage/vent/waste piping system		
• Use correct specifications for pipe insulation materials according to job requirements		
• Install water piping at least 0.3 meter above the sewer line		
• Install plumbing fixtures according to specified roughing-in measurements and/or manufacturer's specifications and required standard in the RNPCP		
• Secure plumbing fixtures rigidly with strict adherence to perpendicularity and levelness		
• Follow safety regulations and practices*		
• Use PPE in line with job requirements*		
• Perform good housekeeping*		
I agree to undertake assessment in the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor.		
Candidate's Name & signature:	Date:	