

Self – Assessment Guide

Qualification:	TELECOM OSP and SUBSCRIBER LINE INSTALLATION (Copper Cable/POTS and DSL) NC II	
COC#1 Title:	Telecom Outside Plant Line Installation (Copper Cable)	
Units of Competency Covered:	<ul style="list-style-type: none"> • Install Pole Hardware, Cable Terminal, Line Wire and Accessories • Perform Main Cable Installation • Splice/Joint Cable Terminal to Main Aerial and/or Underground Copper Cable Splice • Perform Basic Trouble Shooting and Correction of Cable Fault and Error 	
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 answers. 		
Can I?	YES	NO
INSTALL POLE HARDWARE, CABLE TERMINAL, LINE WIRE AND ACCESSORIES		
• Identify tools materials, hardware and other accessories*		
• Prepare necessary tools, equipment, materials and PPE in line with job requirements		
• Attach cable terminal to pole*		
• Check installed fixing structures on pole securely in accordance with manufacturer’s specifications and joint pole agreement (JPA) and/or enterprise		
• Install fixing devices where the support is other than a pole in accordance with the JPA and/or enterprise standards		
• Check installed ground and bonds grounding wires to messenger wire of copper cable in accordance with the industry construction standards.		
• Check completeness cable preparation & installation requirements according to standards.		
PERFORM MAIN CABLE INSTALLATION		
• Install main cable *		
• Bind and secure cables*		

SPLICE/JOINT CABLE TERMINAL TO MAIN AERIAL AND/OR UNDERGROUND COPPER CABLE SPLICE		
• Splice cable terminal and main cable pairs for aerial / underground copper cable works*		
• Install cable closure to spliced cable pairs in accordance with product specification*		
• Apply sealant to cable closure according to job requirements and SOP to prevent water and moisture entry.		
• Install cable support*		
PERFORM BASIC TROUBLE SHOOTING AND CORRECTION OF CABLE FAULT AND ERROR		
• Conduct cable testing and interpreted cable faults and errors as per job requirements.*		
• Correct cable fault and errors*		
• Gather and store tools, equipment, and materials.		
• Remove waste materials and dispose off from workplace in accordance with government regulations and environmental requirements.		
• Restore changes made to the work area.		
Candidate's Name:	Date:	

Note: *Critical aspects of competency

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Qualification:	TELECOM OSP and SUBSCRIBER LINE INSTALLATION (Copper Cable/POTS and DSL) NC II	
COC#2 Title:	Subscriber Line/POTS and DSL Installation	
Units of Competency Covered:	<ul style="list-style-type: none"> • Install POTS Subscriber Line • Install Digital Subscriber Line (DSL) 	
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 answers. 		
Can I?	YES	NO
INSTALL POTS SUBSCRIBER LINE		
• Identify information on the proposed installation locations based on Service Order.		
• Identify DP (Distribution Terminal) in line with service order.		
• Install linewire from DP to protector*		
• Terminate linewire on the assigned cable pair at DP		
• Perform line wire installation from distribution point to station protector in line with standard installation procedure.		
• Install house attachments and secures permanently to support drop wire in accordance with standard installation procedure.		
• Install grounding element*		
• Install grounding elements in accordance with established standards.		
• Install jacketed wire from protector to CBK*		
• Install connecting block (CBK) in line with installation manual.		
• Terminate jacketed wire and connects to CBK based on installation manual.		
• Install telephone set and its accessories*		
• Install telephone instrument in line with installation manual.		
• Document installation according to SOP.		

INSTALL DIGITAL SUBSCRIBER LINE (DSL)		
• Install DSL modem*		
• Check subscriber's unit specification in accordance with system requirements.		
• Connect voice-data splitter in line with installation manual.		
• Configure modem*		
• Install and configure modem in line with modem installation manual and makes adjustments when necessary		
• Test internet speed in line business package		
Candidate's Name:	Date:	

Note: *Critical aspects of competency