

Reference No.																		
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SELF-ASSESSMENT GUIDE

Qualification:	TRANSMISSION LINE INSTALLATION AND MAINTENANCE NC III			
Units of Competency covered:	<ul style="list-style-type: none"> • Install/construct new transmission line structures • Perform overhead transmission line works • Install emergency restoration structure (ERS) • Perform earth ground resistance testing 			
Instruction: Read each question and check the appropriate column to indicate your answer.				
Can I?			YES	NO
INSTALL/CONSTRUCT NEW TRANSMISSION LINE STRUCTURES				
• Identify selected transmission line tools, equipment and hardware used in installing transmission line pole *				
• Check operational condition of transmission line tools and equipment based on equipment manual, if applicable *				
• Identify standard distances and process of staking				
• Describe excavation procedure following established company standard and safety requirements *				
• Identify importance of proper loading and unloading method of poles *				
• Identify safety measures when hauling poles from stockyard to dropping point *				
• Prepare poles for dragging from dropping point to job site *				
• Identify pole setting method in line with job requirements *				
• Identify the importance of pole retrieval *				
PERFORM OVERHEAD TRANSMISSION LINE WORKS				
• Interpret work instruction on construction of overhead transmission line *				
• Identify appropriate transmission line tools, equipment and hardware according to job specifications *				
• Check the operational condition of needed tools and equipment based on manual, if applicable *				
• Inquire to confirm if overhead work can be started, according to industry standards				
• Perform pole climbing safely *				
• Perform line voltage detection based on equipment manual				
• Install and remove grounding clusters according to industry procedure *				
• Replace string tension insulator according to industry procedure *				
• Demonstrates conductor riding safely*				
• Use appropriate transmission line tools, equipment, and hardware in line with job requirements *				

INSTALL EMERGENCY RESTORATION STRUCTURES (ERS)		
• Interpret work instruction on installing emergency restoration structures (ERS) *		
• Identify appropriate ERS components tools, hardware, and equipment according to job specifications *		
• Discuss proper handling (loading and unloading) of ERS components *		
• Discuss anchor rod staking procedure in line with the manufacturer's designed data *		
• Discuss proper installation of anchor rod based on manufacturer's designed data *		
• Discuss ERS erection and dismantling activity in line with job requirements *		
• Discuss installation of ERS components based on manufacturer's design data and job requirements *		
• Discuss good housekeeping according to industry procedure		
PERFORM EARTH/GROUND RESISTANCE TESTING		
• Interpret work instruction on earth/ground resistance testing*		
• Conduct earth resistance testing on 1 point of a given structure (tower or pole)		
• Identify appropriate transmission line tools and/or equipment for ground resistance testing *		
• Check operational condition of earth resistance tester based on manufacturer's manual *		
• Drive test rod and lays out lead wires on identified ground location *		
• Attach wire contact connections with test equipment and pole structure grounding or tower leg*		
• Record tester reading based on testing procedures *		
• Use appropriate personal protective equipment (PPE)		
OBSERVES WORK HEALTH AND SAFETY PRACTICES		
• Identify occupational health and safety requirements relevant to tasks		
• Practice work safety procedures in performing tasks following OSH Standards *		
LEAD SMALL TEAMS		
• Assign tasks to team members		
DEVELOP AND PRACTICE NEGOTIATION SKILLS		
• Describe when to make initial coordination with landowners/tenants and local government officials regarding access to lands/properties and vegetation control		

PERFORM COMPUTER OPERATIONS			
<ul style="list-style-type: none"> Identify information that can be accessed from management information system”, intranet or intraweb 			
<ul style="list-style-type: none"> Identify information/data that can be submitted/uploaded through use of computer system 			
<p>I agree to undertake assessment with 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.</p>			
Candidate's Name and Signature		Date	

Note: *Critical Aspects of Competency