

Reference No.																			
---------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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