

SELF ASSESSMENT GUIDE

Qualification:	PV SYSTEM DESIGN NC III		
Project:	PREPARE PV SYSTEM DESIGN		
Units of Competency Covered:	<ul style="list-style-type: none"> • Determine Customer Requirements • Calculate System Component Requirements (System Sizing) • Specify Components in Bill of Materials • Prepare Installation Drawing 		
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	
• Conduct interview to customer/client in accordance with established procedures*			
• Accomplish forms for load and site assessment in accordance with established procedures*			
• Conduct assessment of current and future electrical needs of the customer/client and recommend options*			
• Calculate energy demand based on customer requirement*			
• Calculate system size and select component requirements according to set safety standards, market availability, cost, environmental factors, and geographic location*			
• Prepare bill of quantities on prescribed format based on the system sizing*			
• Prepare standard electrical plan and mechanical drawings in accordance with established procedures*			
• Identify the different PV system components and their respective parameters/operating ranges*			
• Identify the basic principles of electricity*			
Candidate's Name & Signature:	Date:		