

Reference No.																			
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## SELF-ASSESSMENT GUIDE

Qualification (Full Assessment)	<b>BIOGAS PLANT INSTALLATION NC III</b>			
Units of Competency Covered	<ul style="list-style-type: none"> <li>• Lead Biogas Plant Site Preparation</li> <li>• Supervise Biogas Plant Construction</li> <li>• Lead Installation of Biogas Conveyance System</li> </ul>			
<b>Instruction:</b> Read each question and check the appropriate column to indicate your answer.				
<b>Can I?</b>			<b>YES</b>	<b>NO</b>
<b>LEAD BIOGAS PLANT SITE PREPARATION</b>				
• Interpret details of approved project/site development plan *				
• Determine plant laying out schedule in relation to the whole project schedule and prior activities.				
• Discuss the importance of conducting ocular survey of site selected				
• Discuss the conditions that will result to possible change of site location				
• Distinguish problems of site selection that should be consulted to immediate head				
• Demonstrate staking of boundaries and elevation on selected site based on plan provided *				
• Enumerate legal requirements of clearing activities *				
• Identify obstructions and means of removing these, following work requirements				
<b>SUPERVISE BIOGAS PLANT CONSTRUCTION</b>				
• Accomplish checklist to check the quantity and quality of construction materials and supplies based on bill of materials delivered				
• Ensure availability of tools, equipment and manpower requirement based on PERT CPM (work plan or job schedule)				
• Interpret technical drawing based on construction standards				
• Demonstrate field lay-out based on approved project plan				
• Demonstrate steps/sequence of events on construction activities				
• Discuss construction quality control following technical specifications and environmental laws				
• Demonstrate conducts safety toolbox meeting				
• Prepare construction progress report				

• Prepare detailed punch list		
• Discuss how to supervise post-construction activities (e.g. clearing activities, inventory and storage of supplies/materials/ equipment and practice of good housekeeping)		
• Enumerate legal requirements of clearing and cleaning activities *		
<b>LEAD INSTALLATION OF BIOGAS CONVEYANCE SYSTEM</b>		
• Accomplish checklist to check the quantity and quality of construction materials and supplies based on bill of materials delivered		
• Ensure availability of tools, equipment and manpower requirement based on PERT CPM (work plan or job schedule)		
• Interpret technical drawing		
• Check network and specifications of pipes, hose and fittings based on project/work plan		
• Demonstrate installation activities (of PVC, pipes, gas conduits and fittings) based on project/work plan		
• Conduct gas leak tests on installed pipes based on industry protocol		
• Check pipe slope following approved project plan		
• Perform remedial action based on approved methodologies, as needed		
• Identify remedial actions that need to be referred to appropriate person		
• Enumerate legal requirements of clearing and cleaning activities *		
• <b>MONITORS WORK SCHEDULE OF CLEARING ACTIVITIES *</b>		
• <b>PRACTICES GOOD HOUSEKEEPING AFTER PERFORMING TASKS</b>		
• <b>PRACTICES SAFETY PRECAUTIONS IN PERFORMING TASKS IN ACCORDANCE WITH OSH STANDARDS *</b>		
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.		
<b>Candidate's Name and Signature</b>		<b>Date</b>

**NOTE: \*Critical aspects of competence**