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**SELF-ASSESSMENT GUIDE**

Qualification	RUBBER PRODUCTION NC II		
<b>Units of Competency Covered</b>	Produce budstick Establish rubber nursery Perform budding operation Perform rubber farm maintenance Harvest latex		
<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>PRODUCE BUDSTICK</b>			
• Collect soil sample for analysis			
• Select site for the establishment of a budwood garden *			
• Draw field lay-out in a record book *			
• Interpret and conduct lay-outing following industry standards *			
• Identify distance between clones *			
• Perform land preparation for establishment of budwood garden following industry standards			
• Perform holing according to industry standard *			
• Select and plant true to type NSIC registered budded planting materials based on industry standard *			
• Identify where to establish drainage canal based on soil terrain			
• Demonstrate watering of budded planting materials			
• Apply fertilizer based on soil analysis recommendation *			
• Perform pesticide application *			
• Perform weed control following industry practices			
• Perform pruning following industry standards *			
• Prepare tools and materials for harvesting budstick following industry practices			
• Select quality budstick based on industry standards *			
• Apply techniques in harvesting budsticks, following industry standards*			
• Pack harvested budsticks according to established industry practice			
• Demonstrate handling and hauling of budsticks following established industry practices *			

Can I?	YES	NO
<ul style="list-style-type: none"> <li>Record harvested budstick following industry practices *</li> </ul>		
<ul style="list-style-type: none"> <li>Practice safety precaution to prevent mix-up of harvested budsticks</li> </ul>		
<b>ESTABLISH RUBBER NURSERY</b>		
<ul style="list-style-type: none"> <li>Select site for establishment of rubber polybag nursery site *</li> </ul>		
<ul style="list-style-type: none"> <li>Clear land and dispose wastes to prepare land for establishment of nursery site</li> </ul>		
<ul style="list-style-type: none"> <li>Interpret and carry-out lay-out plan of nursery site *</li> </ul>		
<ul style="list-style-type: none"> <li>Prepare tools, materials and supplies for bagging of potting media</li> </ul>		
<ul style="list-style-type: none"> <li>Fill bags with potting media based on industry standards</li> </ul>		
<ul style="list-style-type: none"> <li>Haul and arrange polybag filled with potting media to nursery site *</li> </ul>		
<ul style="list-style-type: none"> <li>Select seeds for germination as source of rootstock according to seed quality standard *</li> </ul>		
<ul style="list-style-type: none"> <li>Prepare seed bed area for germination activities</li> </ul>		
<ul style="list-style-type: none"> <li>Demonstrate soaking and sowing of seeds</li> </ul>		
<ul style="list-style-type: none"> <li>Select and collect pre-germinated seeds according to industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>Place pre-germinated seeds in a container half-filled of water</li> </ul>		
<ul style="list-style-type: none"> <li>Demonstrate planting of the selected three pre-germinated seed to polyethylene bag *</li> </ul>		
<ul style="list-style-type: none"> <li>Cull unhealthy germinated seeds according to industry standard *</li> </ul>		
<ul style="list-style-type: none"> <li>Record seed germination activities</li> </ul>		
<ul style="list-style-type: none"> <li>Apply fertilizer based on plant nutritional requirement *</li> </ul>		
<ul style="list-style-type: none"> <li>Identify pest and disease based on plant appearance</li> </ul>		
<ul style="list-style-type: none"> <li>Apply pesticides based on pest and disease management *</li> </ul>		
<ul style="list-style-type: none"> <li>Perform weed control and watering following industry practices</li> </ul>		
<b>PERFORM BUDDING OPERATION</b>		
<ul style="list-style-type: none"> <li>Identify appropriate tools and materials in accordance with the job requirement*.</li> </ul>		
<ul style="list-style-type: none"> <li>Prepare tools and materials by sharpening of budding knife</li> </ul>		
<ul style="list-style-type: none"> <li>Slice budding tape in accordance to required size *</li> </ul>		
<ul style="list-style-type: none"> <li>Select quality budstick based on industry standards</li> </ul>		
<ul style="list-style-type: none"> <li>Apply techniques in harvesting budstick, following industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>Pack harvested budsticks according to established industry practice *</li> </ul>		
<ul style="list-style-type: none"> <li>Demonstrate handling and hauling of budsticks following established industry practices *</li> </ul>		

Can I?	YES	NO
<ul style="list-style-type: none"> <li>Select seedling rootstocks for budding is conducted in accordance with the industry practices.</li> </ul>		
<ul style="list-style-type: none"> <li>Perform actual budding according to established procedure *</li> </ul>		
<ul style="list-style-type: none"> <li>Open budded rootstock to determine correcting budding procedure</li> </ul>		
<ul style="list-style-type: none"> <li>Perform rebudding based on industry practice, if needed</li> </ul>		
<ul style="list-style-type: none"> <li>Perform cutback of budded seedlings based on industry practice *</li> </ul>		
<ul style="list-style-type: none"> <li>Mark/label and records bud grafted rubber seedlings *</li> </ul>		
<b>PERFORM RUBBER FARM MAINTENANCE</b>		
<ul style="list-style-type: none"> <li>Identify a potential site for rubber farming based on industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>Conduct soil sampling for laboratory analysis according to standard procedure *</li> </ul>		
<ul style="list-style-type: none"> <li>Identify clearing operation activities according to industry standard *</li> </ul>		
<ul style="list-style-type: none"> <li>Identify land preparation activities according to industry standard *</li> </ul>		
<ul style="list-style-type: none"> <li>Identify tools, materials and supplies needed in the conduct of lay-outing and staking</li> </ul>		
<ul style="list-style-type: none"> <li>Conduct lay-outing and staking according to work requirement and plan*</li> </ul>		
<ul style="list-style-type: none"> <li>Identify tools, materials and supplies needed in the conduct of holing *</li> </ul>		
<ul style="list-style-type: none"> <li>Demonstrate conduct of holing following industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>Select quality budded planting materials based on industry criteria *</li> </ul>		
<ul style="list-style-type: none"> <li>Demonstrate handling and transferring budded planting materials according to industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>Demonstrate planting of budded planting material, applying planting techniques (levelling and compacting hole base, application of basal fertilizer) following crop requirements *</li> </ul>		
<ul style="list-style-type: none"> <li>Identify ways to keep planted budded planting materials healthy following industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>Demonstrate weeding, replanting, pruning and branch induction according to industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>Identify pest/diseases and on how to monitor/control these</li> </ul>		
<ul style="list-style-type: none"> <li>Identify post-farm management activities</li> </ul>		
<b>HARVEST LATEX</b>		
<ul style="list-style-type: none"> <li>Perform girth inventory based on standard procedure</li> </ul>		
<ul style="list-style-type: none"> <li>Perform panel marking according to industry standard</li> </ul>		
<ul style="list-style-type: none"> <li>Pre-open tappable trees following safety practices *</li> </ul>		
<ul style="list-style-type: none"> <li>Prepare tapping tools, materials, supplies and equipment</li> </ul>		

Can I?	YES	NO
<ul style="list-style-type: none"> <li>• Demonstrate installation of tapping paraphernalia according to industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>• Perform tapping techniques using appropriate equipments based on industry standards *</li> </ul>		
<ul style="list-style-type: none"> <li>• Prepare formic acid solution</li> </ul>		
<ul style="list-style-type: none"> <li>• Apply formic acid solution to the collected latex on both rubber trees and mixing tub.*</li> </ul>		
<ul style="list-style-type: none"> <li>• Collect the cuplumps from rubber trees *</li> </ul>		
<ul style="list-style-type: none"> <li>• Collect coagulum from mixing tub *</li> </ul>		
<ul style="list-style-type: none"> <li>• Measure the weight of both the coagulum and cuplump following industry standard</li> </ul>		
<ul style="list-style-type: none"> <li>• Classify collected coagulum and cuplump for marketing</li> </ul>		
<p><b>PERFORM POST-ACTIVITIES</b></p>		
<ul style="list-style-type: none"> <li>• Check and clean tools according to standard</li> </ul>		
<ul style="list-style-type: none"> <li>• Store supplies and materials according to industry practices</li> </ul>		
<ul style="list-style-type: none"> <li>• Prepare inventory of tools and materials following industry standard</li> </ul>		
<p><b>PRACTICE SAFETY PRECAUTIONS IN PERFORMING ALL TASKS IN ACCORDANCE WITH OSH STANDARDS *</b></p>		
<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>		
<p><b>Candidate's Name and Signature</b></p>	<p><b>Date</b></p>	