

Reference No.																			
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**SELF-ASSESSMENT GUIDE**

Qualification	<b>AQUACULTURE (HATCHERY OPERATION) NC II</b>																	
Certificate of Competency (COC 1)	<b>Produce Natural Foods</b>																	
Units of Competency Covered	<ul style="list-style-type: none"> <li>• Conduct preparatory activities</li> <li>• Produce natural foods</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>CONDUCT PREPARATORY ACTIVITIES</b>																		
• Clean and disinfect culture tanks *																		
• Install screen on drainage pipe or filter bags in water inlet, and aeration system *																		
• Prepare tools/materials, etc needed for hatchery activities																		
• Inspect and calibrate water quality monitoring instruments																		
• Check functionality of existing hatchery facilities/system (water line, aeration, filter system, etc) and performs minor repairs (if necessary)*																		
• Identify major breakdown of facility that needs to be reported																		
• Perform chlorine testing of water																		
• Practice safety measures in performing tasks																		
<b>PRODUCE NATURAL FOODS</b>																		
• Identify source of starter culture *																		
• Compute appropriate proportion of fertilizer for natural food *																		
• Discuss mass culture production methods and quality of natural food produced*																		
• Demonstrate how to monitor density of natural food produced *																		
• Demonstrate transferring/stocking of cultures to bigger containers *																		
• Demonstrate maintenance of good water quality (aeration, water temperature, water salinity) *																		
• Prepare artemia hatching jar, water medium and aeration *																		
• Compute artemia cysts requirement according to hatching jar *																		
• Demonstrate separation of artemia nauplii for feeding *																		
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**