

Reference No.																		
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SELF-ASSESSMENT GUIDE

Qualification	AQUACULTURE (GROW-OUT OPERATION) NC II																	
Certificate of Competency (COC 1)	<ul style="list-style-type: none"> Conduct site selection and pond preparations Perform nursery operations 																	
Instruction:																		
<ul style="list-style-type: none"> Read each question and check the appropriate column to indicate your answer. 																		
Can I?																YES	NO	
CONDUCT SITE SELECTION AND POND PREPARATIONS																		
<ul style="list-style-type: none"> Gather and check serviceability of tools, materials (ex. nets) and equipment need for grow-out operation 																		
<ul style="list-style-type: none"> Identify defective tools/equipment that needs to be reported 																		
<ul style="list-style-type: none"> Perform proper operation of equipment based on manufacturer's manual 																		
<ul style="list-style-type: none"> Prepare and inspect storage facilities following Good Aquaculture Practices * 																		
<ul style="list-style-type: none"> Install structures as protection against bad weather, fish predators and unwanted species * 																		
<ul style="list-style-type: none"> Perform minor repairs of inspected structures, if necessary 																		
<ul style="list-style-type: none"> Identify and evaluate suitability of pond site based on established criteria 																		
<ul style="list-style-type: none"> Collect soil samples for analysis, based on standard soil sampling procedures 																		
<ul style="list-style-type: none"> Identify type of soil using feel method * 																		
<ul style="list-style-type: none"> Prepare pond according to industry procedure (draining, harrowing, etc.) and following Good Aquaculture Practices 																		
<ul style="list-style-type: none"> Demonstrate repairs and vegetating top of dikes following Good Aquaculture Practices * 																		
<ul style="list-style-type: none"> Demonstrate application of pesticide, lime and fertilizer to the pond according to Good Aquaculture Practices * 																		
PERFORM NURSERY OPERATIONS																		
<ul style="list-style-type: none"> Check/monitor the condition of fry based on established aquaculture standard * 																		
<ul style="list-style-type: none"> Perform sample counting of fry and determine mortality * 																		
<ul style="list-style-type: none"> Measure and determine appropriate water quality (salinity, temperature) of the pond for the fry * 																		
<ul style="list-style-type: none"> Demonstrate transfer of fry from transport water to pond water after acclimation * 																		
<ul style="list-style-type: none"> Demonstrate water level monitoring and adjustment procedures* 																		
<ul style="list-style-type: none"> Estimate quantity and consumption of natural food according to industry practice * 																		

	YES	NO
• Demonstrate size sampling and determine feeding requirement *		
• Perform feeding and make necessary adjustments based on individual sampling of fingerling *		
• Prepare harvesting materials and equipment based on work requirements *		
• Demonstrate suitable method of harvesting fingerlings according to species *		
• Demonstrate application of prophylaxis treatment prior transport		
• Describe ways to safely transport harvested fingerlings		
• Prepare the materials and equipment to be used for conditioning fingerlings *		
• Demonstrate handling and stocking of fingerlings in conditioning cage *		
• Demonstrate feeding and monitoring of fingerlings based on computed feed rate *		
• Demonstrate sorting and counting of fingerlings according to size and weight *		
• Fill-up form on feeding activities and harvested fingerlings *		
• Practice safety measures in performing tasks following Occupational Safety and Health Standards *		
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.		
Candidate's Name and Signature	Date	

NOTE: *Critical aspects of competence