

Reference No.																			
---------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SELF-ASSESSMENT GUIDE

Qualification	AQUACULTURE (TILAPIA CULTURE) NC II																	
Certificate of Competency (COC 1)	PERFORM TILAPIA HATCHERY AND NURSERY OPERATION																	
Units of Competency Covered	<ul style="list-style-type: none"> • Conduct pre-operational aquaculture activities • Operate tilapia hatchery and nursery 																	
Instruction:																		
Read each question and check the appropriate column to indicate your answer.																		
Can I?																	YES	NO
CONDUCT PRE-OPERATIONAL AQUACULTURE ACTIVITIES FOR Tilapia Hatchery and Nursery																		
• Enumerate major activities to be done and give tools, materials or equipment required when preparing tilapia culture facilities *																		
• Gather needed materials and paraphernalia tools and nets																		
• Weigh appropriate amount of fertilizer and lime appropriate to area size																		
• Demonstrate proper broadcasting of fertilizer and lime																		
• Measure and record temperature, pH and salinity of culture water *																		
OPERATE TILAPIA HATCHERY AND NURSERY																		
• Classify breeders by sex following established industry practices *																		
• Discuss how to apply prophylactic measures for breeders																		
• Discuss proper feeding practice for breeders according to good aquaculture practice																		
• Separate eggs and fry from mouth-brooding breeders *																		
• Transfer collected eggs and fry, according to industry practice																		
• Grade different sizes of fingerlings according to industry practice *																		
• Calculate amount of hormone and ethyl alcohol required to treat given quantity of feed																		
• Discuss drying, packing, labelling and storing hormone treated feed following industry procedures																		
• Calculate fry requirement for a given area *																		
• Prepare daily feeding rate and schedule based on projected growth rate *																		
• Discuss presence of diseases based on behavior of fish																		
• Prepare needed materials and facilities for conditioning fingerlings for packing and transport																		
• Demonstrate counting and packing of fingerlings considering fingerling size and travel time *																		

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