

Competence 5

Demonstrates the ability to undertake fault-finding and repair activities on AUV systems

Candidate Name:		Date:	
Activity Number (1,2, or 3):			

Performance Criteria: all of these must be assessed over a minimum of 3 work activities

Type of Evidence: Observation (O), Work Product (P), Written (W), Questioning (Q), Not Covered (N/C) or Not Applicable (N/A)

Performance Criteria		Type of Evidence
a)	Can locate and use all system drawings prior to carrying out fault-finding activities	
b)	Plans the activity in a safe manner and obtains all necessary authorisations	
c)	Identifies hazards that can arise during fault-finding procedures	
d)	Demonstrates a logical approach to fault-finding and follows procedures for fault-finding on AUV systems	
e)	Identifies and inspects the correct test equipment for carrying out fault-finding activities on electrical/electronic systems	
f)	Calibrates test equipment, where appropriate, prior to carrying out fault-finding activities	
g)	Measures voltages, resistances, continuity and insulation on system components in a safe and accurate manner	
h)	Demonstrates the safe and accurate use of fibre optic test equipment when require to diagnose faults in AUV systems	
i)	Demonstrate the ability to repair AUV and re-instate AUV systems, having rectified the identified fault(s).	
j)	Records information and data collected during fault-finding / repair activities in a logical manner which can then be interpreted by others	
k)	Assessor - I have discussed the above performance criteria with the candidate and can confirm that they have the knowledge & understanding to support their performance in these critieria.	
l)	Candidate - write a short report (250 to 500 words) to describe how you have demonstrated your knowledge, skill & experience in these criteria over 3 assessed work activities.	

Witness name: (If applicable in assessment plan)		Date:	
Assessor name:		Date:	