

Competence 7

Demonstrate the ability to undertake all preventative & corrective maintenance activities that are required on AUV deployment / LAR 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)	Clean electrical connectors in accordance with Company Procedures	
b)	Can locate and use all system drawings prior to carrying out maintenance activities	
c)	Can identify all components on a deployment / LAR system	
d)	Plans maintenance activities in a safe manner and obtain all necessary authorisations	
e)	Carries out maintenance activities in accordance with appropriate time scales	
f)	Demonstrates the ability to isolate deployment / LAR systems prior to carrying out maintenance activities	
g)	Can locate, inspect, test and calibrate appropriate test equipment for maintenance activities	
h)	Can inspect and test all electrical cabling on deployment / LAR systems	
i)	Can repair electrical cables in line with Company Procedures	
j)	Perform continuity and insulation checks in a safe manner using appropriate testing methods	
k)	Remove and inspect electronic circuit boards paying particular attention to the different types of connectors used	
l)	Can inspect and test hydraulic hoses and tubes on deployment / LAR systems	
m)	Can replace hydraulic hoses and tubes on deployment / LAR system in line with Company Procedures	
n)	Can replace hydraulic filters on deployment / LAR system in line with Company Procedures	
o)	Can monitor pressure, flowrates and fluid levels on hydraulic deployment / LAR systems	
p)	Can inspect, test and replace (if appropriate) hydraulic components on the deployment / LAR system, such as valves, pumps or actuators (specify the components in the assessment plan).	
q)	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 criteria.	
r)	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:	