

Competence 6

Demonstrates the ability to install, set-up, test, remove and inspect survey and positioning equipment as used in AUV operations

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)	Prepares the work area in a safe and logical manner (specify the sensor or auxiliary equipment in the assessment plan)	
b)	Plans the sequence of operations ensuring relevant authorisations and time limitations are met	
c)	Locates relevant drawings and work for the equipment	
d)	Installs / removes equipment in line with manufacturer/operating company guidelines	
e)	Sets up test facility for equipment where appropriate	
f)	Performs electrical and mechanical tests, where appropriate, on the equipment in line with manufacturer/operating company guideline	
g)	Makes full and proper use of appropriate test equipment, ensuring necessary calibrations are carried out	
h)	Inspects replacement equipment prior to fitting on the system. Specific attention must be given to electrical connections, cables and connectors, O-rings and seals, calibration dates are satisfactory	
i)	Installs replacement equipment in line with manufacturers and operating Company requirements	
j)	Tests/calibrates equipment when fitted to the system	
k)	Demonstrates knowledge of the effect of tidal and water column parameters on survey sensors	
l)	Demonstrates knowledge of sound propagation and factors affecting its application to survey observations	
m)	Re-instate the work area on completion of activity	
n)	Completes documentation and maintenance logs on completion of task	
o)	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.	
p)	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:	