

## Competence 1

### Demonstrate the ability to audit ROV systems

*This meets the requirements of IMCA R006, P02/000/01-04*

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)	Show that you have sufficient occupational experience to audit an ROV system. You should have held a senior ROV position and have a record of competence to demonstrate this.	
b)	Show that you have completed a recognised training course in ROV system auditing to IMCA guidelines or are under appropriate supervision	
c)	Conduct 3 audits in at least 2 of the following circumstances; 1. change of client or worksite 2. system modifications 3. new build including factory acceptance test 4. other reason specified in assessment plan. Include at least 4 of the 6 audits h) to m) below.	
d)	Conducts appropriate pre-audit planning and preparation. Including collecting appropriate information, evidence and liaising with all stakeholders.	
e)	Demonstrates an understanding of the ROV system capabilities and limitations with respect to the requirements of the project & client.	
f)	Demonstrates an understanding of all Safety Factors that must be considered when testing an ROV system	
g)	Demonstrates an understanding of High Voltage Isolation and testing procedures	
h)	Agrees appropriate lines of communication and reporting with all stakeholders	
i)	Conducts an appropriate opening meeting for the audit.	
j)	Can audit ROV system containers or compartments i.e. control room; workshop; power distribution room. Specify on the assessment plan if they are A60 zone rated.	
k)	Is aware of mobilisation techniques used and has the ability to audit ROV and equipment mobilisation procedures	
l)	Can audit ROV deployment / launch & recovery systems i.e. Umbilical; umbilical winch; 'A' frame; crane; moonpool; cursor; power pack. Specify on the assessment plan if the system is an AHC (active heave compensation).	
m)	Demonstrates a thorough understanding of load testing techniques associated with LARS and ROV systems	
n)	Can audit Pre & Post Dive procedures on an ROV and LARS system	
o)	Can audit ROV system ancillaries i.e. power cables; deck cables; equipment spares; consumables inventory and planned maintenance procedures	
p)	Can audit ROV system project specific equipment and tooling.	
q)	Can audit ROV system certification and documentation. Including equipment manuals; equipment certificates; system work procedures; safety management documentation.	
r)	Conducts an appropriate closing meeting to the audit.	

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