

## Competence 5

**The ability to undertake routine fault-finding activities on ROV/Plough electrical, electronic and video systems**

*This meets the requirements of IMCA R/RO3/000/05/05*

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 ROV/Plough electronic 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 required to diagnose faults in ROV/Plough systems	
i)	Records information and data collected during fault-finding activities in a logical manner which can then be interpreted by others	

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