

Competence 5 Underpinning Knowledge Questions

Demonstrates the ability to undertake routine fault-finding activities on ROV electrical, electronic and video systems
This meets the requirements of IMCA R/RO3/000/05/05

Refer to the performance criteria for this competence for guidance on the subjects for questions

Candidate Name:		Date:	
<i>N.B, The Assessor may ask the candidate for oral or written responses to questioning</i>			
Underpinning Knowledge Questions			Satisfactory Response?
1	What factors would you take into account when deciding whether to repair or replace a faulty component on an ROV system?		
2	List the hazards that may occur during fault finding activities on electrical and electronic systems?		
3	What does the 'half split' method of fault finding mean and how may it be applied to an ROV system		
4	Explain the safety factors you would take into account when megger testing a cable or ROV umbilical?		
5	Explain how you would use fibre optic test equipment to diagnose a fault in your ROV control system?		
6	Explain how you would use the 'diagnostics' on your ROV system to assist in fault finding procedures. Use examples where appropriate		
7	How do you record fault finding activities in your organisation?		
8			
9			
10			
Feedback on answers received:			
Witness name: (If applicable in assessment plan)		Date:	
Assessor name:		Date:	