

Competence 5 Underpinning Knowledge Questions

The ability to undertake routine fault finding activities on electrical, electronic and video systems

This meets the requirements of IMCA

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 a piece of equipment?		
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 a typical piece of equipment		
4	Explain the safety factors you would take into account when megger testing a cable or umbilical?		
5	Explain how you would use fibre optic test equipment to diagnose a fault in a control system?		
6	Explain how you would use the 'diagnostics' on a piece of equipment 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:	