

Competence 4a Underpinning Knowledge Questions

Demonstrates the ability to undertake all routine preventative maintenance activities that are required to be carried out on ROV hydraulic and mechanical systems

This meets the requirements of IMCA R/RO3/000/04/04

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 | Sketch a simple circuit diagram of an ROV hydraulic system that you work with using DIN ISO 1219 Hydraulic symbols | | |
| 2 | List the safety precautions that you would take into account when carrying out an oil change on an ROV system | | |
| 3 | What is meant by a maintenance schedule and who may authorise maintenance activities on an ROV system? | | |
| 4 | Describe how the precautions you would take into account when dismantling hydraulic components prior to carrying out maintenance | | |
| 5 | Describe the procedure you would follow to carry out an oil change on an ROV system | | |
| 6 | Describe how you would minimise contamination during mechanical maintenance activities | | |
| 7 | Describe the maintenance requirements for one of the following: Winch system, TMS/Cage system, LARS system, Tooling Skid | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| Feedback on answers received: | | | |
| Witness name: (If applicable in assessment plan) | | Date: | |
| Assessor name: | | Date: | |