

## Competence 5

The ability to fully understand bell launch and recovery systems and bell life support systems required to maintain the correct environment for a diver's well-being

*This meets the requirements of IMCA D 110/000/04/05/07*

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)	Demonstrates the ability to operate and maintain launch and recovery systems using appropriate procedures including pre-dive checks, post-dive checks, inter-lock systems and confirmation checks	
b)	Demonstrates the ability to conduct bell system maintenance procedures in line with the planned maintenance system	
c)	Demonstrates the ability to maintain and fault-find on solenoid functions and applications with launch and recovery systems	
d)	Demonstrates the ability to conduct common fault finding routines (electrical) on main and excursion umbilical	
e)	Demonstrates the awareness and ability to carry out electrical re-termination processes and procedures on main and excursion umbilical	
f)	Demonstrates awareness of, and the ability to operate, bell and diver hot water systems, including: start up/shut down procedure, main/remote control systems, boiler heating elements, temperature adjustment, temperature monitoring and fault finding techniques	
g)	Demonstrates the ability to conduct maintenance and fault finding on bell electrical systems, including: internal/external systems, emergency scrubbers, emergency heating, CCTV and communication systems including through water communications	
h)	Demonstrates ability with bell locator transponder - use, location and test procedure	

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