

Surface Supplied Diving - Equipment, Maintenance and Certification

BA-SSD-004

Purpose: Completed monthly by the Client Representative with the Diving Supervisor to verify the condition, maintenance and certification of the surface supplied diving spread.

Frequency: Monthly | **Applies to:** Surface Supplied | **Response set:** Yes / Partial / No / N/A, with a note and evidence against each item

Basis: publicly available industry guidance, principally IMCA and IOGP. This framework does not replace the diving contractor's safety management system, the client's own risk assessment, or applicable national legislation. | **Complete online at** barrierassurance.com

#	Question	Guidance and reference	Y / P / N / NA
1	Is the planned maintenance system up to date with no critical tasks overdue on the dive spread?	Ask to see the overdue report, not a verbal assurance. Ref: IMCA D046 (operational communication) · IMCA D018 (examination and testing); IMCA D040 · IMCA D023 (DESIGN, surface supplied); IMCA D018 · IMCA D014; IMCA D018 · IMCA D014; IMCA D050 · IMCA D023; IMCA D040	
2	Are the diving plant register and certification current for umbilicals, bailouts, helmets and the recovery system?	Initial and periodic examination, testing and certification to IMCA D018. Ref: IMCA D018 (examination and testing); IMCA D040 · IMCA D023 (DESIGN, surface supplied); IMCA D018	
3	Has the breathing air purity test been done and is the certificate in date?	Air quality tested at the prescribed interval, and against the same operating limits used for the dives. Ref: IMCA D014; IMCA D050 (minimum gas quantities)	
4	Are gas analysis certificates held for all supply gas, and are quads correctly marked and colour coded?	Marking and colour coding to IMCA D043. Where nitrox is used, confirm the mixture against IMCA D048 and the oxygen partial pressure limit. Ref: IMCA D014; IMCA D050 (minimum gas quantities)	
5	Have the wire ropes been inspected and do they remain in certification?	Replacement before expiry rather than after. Ref: IMCA D023 (DESIGN, surface supplied); IMCA D018	
6	Is lifting equipment and rigging certification current for the cranes and equipment used near the dive site?	Includes the rigging colour code in use this period, and the FMECA for the lifting equipment. Ref: IMCA D060 (lifting operations); IMCA D007 (overboard scaffolding)	
7	Were any defects or repairs re-certified before the equipment went back into service?	Leak and pressure tests after any repair. Defective equipment quarantined and replaced. Ref: IMCA D018 (examination and testing); IMCA D040 · IMCA D014	
8	Is the diving assurance checklist still valid, and has any new equipment been assured before use?	Equipment arriving mid-campaign is the common gap. Ref: IMCA D014; IMCA D050 (minimum gas quantities) · IMCA D023 (DESIGN, surface supplied); IMCA D018	
9	Have any changes to the dive system gone through management of change?	Modification means re-commissioning, re-certification and an as-built record before use. Ref: IMCA D023 (DESIGN, surface supplied); IMCA D018 · IMCA D014; IOGP 411	
10	Are the alarms and monitoring on the gas, power and hot water systems tested and working?	Alarms should give warning early enough to intervene, not at the point of failure. Ref: IMCA D014; IMCA D018 · IMCA D014; IMCA D050 · IMCA D023; IMCA D040	