

## Competence 1

**The ability to manage life support systems in a safe and reliable manner in accordance with company procedures**  
*This meets the requirements of IMCA D06/000/01*

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)	Can control company documentation related to the preparation, operation and, as appropriate, the maintenance of life support systems	
b)	Can supervise the upgrade, where necessary, of documentation associated with life support systems and submit to management for approval	
c)	Can supervise the preparation of life support systems for use on dive operations	
d)	Can supervise a system blow-down in accordance with company operating procedures	
e)	Can supervise a transfer under pressure during dive operations	
f)	Can supervise a system decompression during dive operations	
g)	Can supervise work team with regard to hazardous operations, including: manual handling, work with pressurised gases, confined space entry, hazardous substances etc	
h)	Can supervise the safe storage of materials and equipment	
i)	Can complete and supervise all documentation records required, including: legibility, completeness and filing	
j)	Demonstrates the ability to conduct and supervise the pressurisation of bell onboard gases and O2, selection of appropriate gas mixes and maintain records	
k)	Demonstrates the ability to supervise and undertake chamber environmental regeneration unit replenishment (Sodasorb charging) using good manual handling techniques	
l)	Demonstrates the ability to supervise the pressurisation of bailout bottles and correct dress/orientation of valves and whips	
m)	Can supervise and approve gas calculation requirements and mixing formula	
n)	Plans, supervises and can undertake the mixing of gases with and without 'mixmaker' equipment	
o)	Ensures adequate stocks of clean laundry, chamber internal cleaning materials, towels and all other saturation and diving consumables are maintained	
p)	Supervises, ensures and demonstrates good food hygiene and system cleanliness	
q)	Supervises, plans and undertakes system gas transfer/replenishment with due consideration for safe quayside and deck activities	

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