

## Competence 5

The ability to operate the life support systems in a safe and reliable manner in accordance with company procedures  
 This meets the requirements of IMCA D07/000/01

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 locate and utilise company documentation related to the preparation of life support systems	
b)	Completes and upgrades documentation/records associated with life support system	
c)	Prepares life support systems for use on dive operations	
d)	Can undertake a system blow-down in accordance with company operating procedures	
e)	Can undertake a transfer under pressure during dive operations	
f)	Can undertake system decompression activities	
g)	Can safely undertake manual handling activities as required during routine dive operations	
h)	Demonstrates the ability to undertake chamber environmental regeneration unit replenishment (Sodasorb charging) using good manual handling techniques	
i)	Demonstrates the ability to pressurise bell onboard gases and O2, select appropriate gas mixes and maintain records	
j)	Demonstrates the ability to pressurise bailout bottles and correct dress/orientation of valves and whips	
k)	Can calculate gas requirements and mixing formula	
l)	Can mix gases with or without 'mix-maker' equipment	
m)	Maintains adequate and appropriate stocks of clean laundry, chamber internal cleaning materials, towels and all other saturation and diving consumables	
n)	Can clean, rinse, replenish and re-stock all equipment and consumables post-diving operations	
o)	Understands the requirement for, and can demonstrate, good food hygiene and system cleanliness	

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