

## Competence 5

The ability to assist in the operation of life support systems in a safe and reliable manner in accordance with company procedures

*This meets the requirements of IMCA D08/000/02*

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 life support systems	
b)	Can complete documentation/records associated with life support systems, such as: internal chamber cleaning, laundry changing and consumable re-stocking	
c)	Assists in the preparation of life support systems for use on dive operations	
d)	Assists a system blow-down in accordance with company operating procedures	
e)	Assists in a transfer under pressure during dive operations	
f)	Assists in system decompression activities	
g)	Assists in basic manual handling as required during routine chamber 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	
j)	Demonstrates the ability to pressurise bailout bottles	
k)	Can calculate gas requirements and mixing formula	
l)	Can mix gases with and without mixmaker equipment	
m)	Maintains adequate and appropriate stocks of clean laundry, chamber internal cleaning materials, towels and all other saturation and diving consumables	
n)	Understands the requirement for, and can demonstrate, good food hygiene and system cleanliness	

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