

## Certificate of Service/Maintenance/Repair

Certificate No:	SADS/SMR/165
Item Description:	APEKS DS4 1 <sup>ST</sup> STAGE REGULATOR
Serial No:	809 5330
SADS ID:	SADS/REG/03
Date:	20 <sup>th</sup> July 2016 (due 19 <sup>th</sup> July 2017)

### Details of work carried out:

Item	COMMENTS	RESULTS	Initial
Scheduled annual service	Overhaul Regulator following	Pass	NG
	Apeks technical maintenance		
	Manual for DS4 reg.		

### Spares Used:

Apeks Part No	Description	Qty	Reason for use
AP0241	1 <sup>st</sup> stage kit.	1 (r)	(W=Worn, D=Damaged, R=Recommended)
	New Din fitting clamp fitted	1 (d)	

### Remarks/Recommendations:

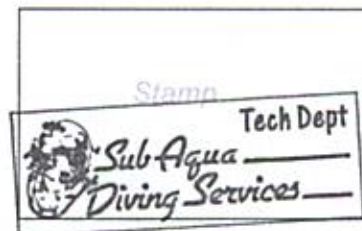
Re inspect after project. Overhaul in 1 year.

Related Certification: SADS-SMR-111

N.Graham  
Technician/Maintainer

  
Signature

20<sup>th</sup> July 2016  
Date



## Certificate of Service/Maintenance/Repair

Certificate No:	SADS/SMR/164
Item Description:	KMB18
Serial No:	00933
SADS ID:	SADS/KM/03
Date:	20 <sup>th</sup> July 2016 (due 19 <sup>th</sup> July 2017)

### Details of work carried out:

Item	COMMENTS	RESULTS	Initial
Shell condition	Good	PASS	
Dismantle & clean	Yes	PASS	
Parts inspection	Seat assembly	PASS	
Port retainer insert test to 14lb-in	100%	PASS	
Re-assemble using specified torques	Yes	PASS	
Non-return valve	Inspected, cleaned and function	PASS	
Free flow valve	Inspected, cleaned and function	PASS	
Bail-out valve	Inspected, cleaned and function	PASS	
Regulator set up & test to 10 bar	Tested	PASS	
Mushroom valve check	Inspected	PASS	
Front port & Oral nasal	Inspected clean and function	PASS	
Communications	Checked	PASS	
Other	Function test	PASS	

### Spares Used:

KMDSI Parts used			
515-061	Terminal Block Kit		

### Remarks/Recommendations:

Annual overhaul. Band mask used only as stand by since last major overhaul. Unit was stripped and thoroughly inspected and function tested.

Related Certification: SADS/SMR/110

Neil Graham  
Technician/Maintainer  
Dive Lab Cert No: T-08488

  
Signature

20<sup>th</sup> July 2016  
Date





# **FUNCTION/~~GAS LEAK TEST~~/VISUAL**

## **6 MONTHLY INSPECTION CERTIFICATE**

Certificate No: SADS-FGV-151

Item Description	Uninterrupted power supply
Make	MDS
Item Serial No's	5551220T11154, 5551220T11181, 5551220T11182
SADS ID's	DSV-UPS-01- 02 & 03.
Item Location	DSV Curtis Marshall, Dive Control

### Description of Test / Inspection.

Full visual inspection of units.

UPS's fully charged, then powered off to assess battery / inverter function.

Date of Test/Inspection.

20 June - 2016  
19 January 2017

Next Due

### Remarks: Results

Visual examination..... Pass

UPS's stored power exceeded 30 minuets on all units..... Pass

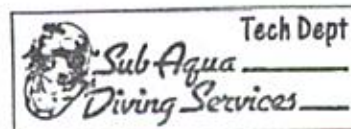
Relevant standard IMCA D 018: 11

Inspected/Tested By

: N Graham

Signed

: N Graham



# **FUNCTION/GAS LEAK TEST/VISUAL INSPECTION CERTIFICATE**

Certificate No: SADS-FGV-150

Item Description	Underwater "Y" Splitter (pig tail)
Make	MDS
Item Serial No	SAD-00003DUYS
SADS ID	SADS-YS-03
Item Location	Portable

**Description of Test/Inspection:**

Umbilical contact pins good, Umbilical connecting thread good  
Camera and light female sockets look good, connecting threads good  
Visual inspection good  
Continuity good with no recorded resistance

**Date of Test/Inspection** 19<sup>th</sup> July 2016

**Next Due** 18<sup>th</sup> July 2017

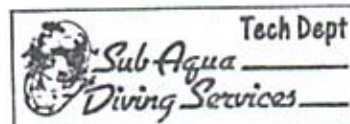
**Remarks:** Visual examination & function test to be carried out on a 6 monthly basis, see separate sheet.  
Camera, Light and Y Splice tested IAW IMCA DO18 6 & 11

**Inspected/Tested By**

: N Graham

**Signed**

: 





## FUNCTION/GAS LEAK TEST/VISUAL INSPECTION CERTIFICATE

Certificate No: SADS-FGV-147

Item Description : HP Cylinder  
Capacity : 12 ltrs  
Ser No : 01/980/112  
Item Location : Bail out cylinder (portable)  
SADS ID : SADS-HPB-30

Date of Test : 19<sup>th</sup> July 2016  
Re-Test Due : 9<sup>th</sup> September 2019 -- 4 Yearly Hydro

### Details of Inspection/Test

Thorough Internal visual inspection carried out using endoscope – Slight surface corrosion present, Valve threads all in good condition.

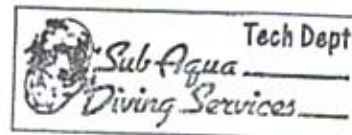
Thorough External visual examination – Paintwork in good condition, valves in good condition and operate smoothly.

Gas leak test to MWP for 1 hour. No leaks

Cylinder due 4 yearly Hydro test September 2019

Inspected/Tested By : N Graham

Signed :







## FUNCTION/GAS LEAK TEST/VISUAL INSPECTION CERTIFICATE

Certificate No: SADS-FGV-148

Item Description : HP Cylinder  
Capacity : 12 ltrs  
Ser No :  
Item Location : Bail out cylinder (portable)  
SADS ID : SADS-HPB-31

Date of Test : 19<sup>th</sup> July 2016  
Re-Test Due : 9<sup>th</sup> September 2019 – 4 Yearly Hydro

### Details of Inspection/Test

Thorough Internal visual inspection carried out using endoscope – Slight surface corrosion present, Valve threads all in good condition.

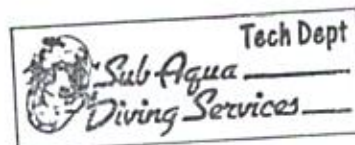
Thorough External visual examination – Paintwork in fair condition, valves in good condition and operate smoothly.

Gas leak test to MWP for 1 hour. No leaks

Cylinder due 4 yearly Hydro test September 2019

Inspected/Tested By : N Graham

Signed :





## FUNCTION/GAS LEAK TEST/VISUAL INSPECTION CERTIFICATE

Certificate No: SADS-FGV-149

Item Description : HP Cylinder  
Capacity : 12 ltrs  
Ser No : 74972  
Item Location : Bail out cylinder (portable)  
SADS ID : SADS-HPB-32

Date of Test : 19<sup>th</sup> July 2016  
Re-Test Due : 9<sup>th</sup> September 2019 -- 4 Yearly Hydro

### Details of Inspection/Test

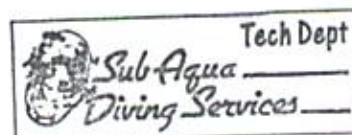
Thorough Internal visual inspection carried out using endoscope – Slight surface corrosion present, Valve threads all in good condition.

Thorough External visual examination – Paintwork in fair condition, valves in good condition and operate smoothly.

Gas leak test to MWP for 1 hour. No leaks

Cylinder due 4 yearly Hydro test September 2019

Inspected/Tested By : N Graham  
Signed :





## FUNCTION/GAS LEAK TEST/VISUAL INSPECTION CERTIFICATE

Certificate No: SADS-FGV-111

Item Description : Air purity test kit  
Make/ Model : Sabre Medical  
Ser No : H0505187  
Item Location : Tech workshop ( portable)  
SADS ID : SADS-T&T-08

Date of Test : 13<sup>th</sup> May 2016

Re-Test Due : 12<sup>th</sup> May 2017

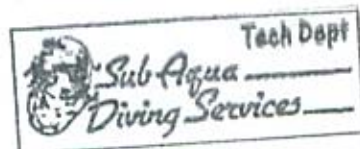
### Details of Inspection/Test

Visual inspection and function test, unit has no leakage and regulator operates smoothly

Device is used in conjunction with Kitagawa detection tubes ( in date ), and requires no calibration.

Inspected/Tested By : N Graham

Signed :



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SADS-T&T\_08-130516