



Digitally signed by Julie Dahl
 DN: cn=Julie Dahl, o=Arrowhead Industrial Services USA, Inc., ou=Quality Engineering, email=jdahl@arrowheadindustrial.com, c=US
 Date: 2016.12.16 09:33:28 -08'00'

rev. A

NOTES:

- CERTIFIED INSPECTION DATA REQUIRED IN COMPLIANCE WITH REQ'TS OF DOT-SP 14621.
- LINER MATERIAL: 6061-T6 ALUMINUM ALLOY.
- FIBER COMPOSITE MATERIALS:
 STRUCTURAL FIBER: CARBON FIBER
 OUTER SHELL: E GLASS FIBER
 RESIN: EPOXY-AMINE
- SERVICE LIFE: 15 YEARS
- CYLINDER WATER VOLUME: 287 CU.IN [4.7 L] MIN. WEIGHT: 6.4 LB [2.9 KG] MAX.
- SERVICE PRESSURE: 4500PSI [310BAR], TEST PRESSURE: 7500PSI [517BAR], MINIMUM BURST PRESSURE: 15300PSI [1055BAR].

- IDENTIFICATION LABEL TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF CUSTOMER, APPLICABLE GOVERNMENT SPECIFICATION, AND BTIC ENGINEERING REQUIREMENTS.
 EACH LABEL STYLE SHALL BE REVIEWED AND APPROVED BY BTIC ENGINEERING AND GOVERNMENT INSPECTION AGENCY. IDENTIFICATION LABEL SHALL BE COVERED BY A LAYER OF GLASS/EPOXY FOR FULL SERVICE LIFE PROTECTION.
- CYLINDER INTERIOR TO BE FREE OF ALL CONTAMINANTS, ODORS, AND EVIDENCE OF CORROSION. WATER STAIN/DISCOLORATION IS ACCEPTABLE.

▲ PROTECT THREADS AND SEALING SURFACES WITH A PLASTIC PLUG DURING SHIPPING AND STORAGE.

▲ THREAD TYPE

THREAD TYPE	MINIMUM THREADS	DIAMETER D
ISO M18x1.5-6H	13	1.42±0.02 IN [36±0.5 MM]
7/8-14 UNF-2B	11	1.58±0.02 IN [40±0.5 MM]

REV	0.1			4.7L COMPOSITE CYLINDER	TC4731B3-00		
					QUANTITY	WEIGHT	SCALE
NO	INDEX	SIGN	DATE	6061-T6	BEIJING TIANHAI INDUSTRY CO., LTD.		
DESN	Zhan.H.C	REVD					
DRAN		APPD	Evt. Sun				
CHKD	Jul 3.8			TOTAL 2 PAGE			
		DATE	2016.12.15				

WARNING:

Training is REQUIRED BEFORE use or maintenance of this equipment. Inspect after each use. Repair only by properly trained personnel. Manufactured in PRC. IMPROPER USE OF THIS EQUIPMENT MAY RESULT IN DEATH OR SERIOUS INJURY. REINSPECT AND RETEST HYDROSTATICALLY EVERY 5 YEARS IN ACCORDANCE WITH DOT - SP 14621.

- DO NOT fill if cylinder has visible damage, strand unraveling or charring of the carbon fibers has occurred.
- DO NOT fill if cylinder retest date is out of prescribed period.
- DO NOT exceed maximum charge pressure.
- DO NOT use unless cylinder is charged to the full pressure.
- DO NOT alter, modify or substitute any components.
- DO NOT carry the cylinder by the valve handwheel.
- DO NOT drop cylinder or bump handwheel. Valve could partially open causing cylinder to become an airborne projectile under its own pressure.

CAUTION:

- HIGH PRESSURE GAS - MAY ACCELERATE COMBUSTION.
- Keep oil and gas away.
- Use equipment rated for cylinder pressure.
- Cylinder temperature should not exceed 125°F or 52°C.
- CLOSE VALVE AFTER EACH USE AND WHEN EMPTY.

**DOT - SP 14621 - 4500 PSI
XXXXXX M0807
30 MINUTES**

MM  **YY**
MANUFACTURE DATE

**REE:XXX
AIR, COMPRESSED
Respirable D Air**

CONTENTS: AIR, 45 SCF AT 4500 PSIG-310 BAR



XXXXXX



**AIR, COMPRESSED
UN 1002**



NOTES: The size of the letters and numbers used those on the right must be at least 0.64cm (1/4 inch) high if space permits.

Julie Dahl 

Digitally signed by Julie Dahl
DN: cn=Julie Dahl, o=Arrowhead
Industrial Services USA, Inc.,
ou=Quality Engineering,
email=jdahl@arrowheadindustrial.co
m, c=US
Date: 2017.04.26 17:52:27 -07'00'

REV	0.1			4.7L COMPOSITE CYLINDER LABEL DRAWING (FOR DOT-SP14621)	TC4731B3-M-1		
					QUANTITY	WEIGHT	SCALE
NO	INDEX	SIGN	DATE	LABEL	BEIJING TIANHAI INDUSTRY CO., LTD.		
DESN	Zhan.H.L	REVD					
DRAN		APPD	Shi.F.W				
CHKD	Yue.Z.Z			TOTAL 1 PAGE			
		DATE	2017.4.19				