



Declaration of Conformity

According to Directive 2014/68/EU (PED)

For Pressure Equipment

Catalina Cylinders Inc.

Herewith declares, that the Pressure Equipment

Seamless Extruded Aluminum Cylinders

(Model S80.3, 77.4 cuft, PT 311bar)

Serial Numbers: GV0014745– GV0015253

Year of Manufacturing: 2022

Volume: 77.4 cuft

Test Pressure: 311 bar

Test Medium: Water

Conform to the Pressure Equipment Directive 2014/68/EU

Type Approval No: 2880-007-2007-1

EC Certificate of Conformity Number: 2880-007-22007

Applied standard: ISO 7866:2012

Notified body engaged for monitoring of the quality system:

Arrowhead Industrial Services (EU) Unipessoal Lda

Notified Body Number 2880

Certificate Number

Catalina Cylinders Inc. Garden Grove, California, USA

Miguel Garay

Quality Assurance Manager

February, 2022

WORLD CLASS PRODUCTS. FIRST CLASS SERVICE.™

TEL (714) 890-0999 ♦ FAX (714) 890-1744 ♦

www.catalinacylinders.com

7300 Anaconda Avenue, Garden Grove, California 92841



Certificate of Conformity

Certificate Nº 2880-007-22007

Manufacturer Catalina Cylinders	Manufacturer's Mark
Address 12452 Monarch / 7300 Anaconda Avenue Garden Grove, California, 92841	CATALINA
Country USA	

Regulation[s]: PED 2014/68/EU	Applied Module[s]: B + F
Design Specification: ISO 7866:2012	

Inspection Body: Arrowhead Industrial Services (EU), Lda	
Address: Aveiro Business Center, Rua da Igreja 79, N. Sra. De Fátima, 3810-744 Aveiro, Portugal	
Identification Number: 2880	Inspector's Mark 
Type Approval Nº: 2880-007-2007-1	
Cylinder Type: Seamless Aluminium Alloy	
Drawing Nº: S80.3 – 207 bar Fam	
Manufacturing Serial Nº:	From: GV0014745 To: GV0015253
	Excluding: GV0014811
Total Tested: 509	Total Accepted: 508

Customer STOCK
Address
Country

The undersigned hereby declare that the Conformity Assessment Requirements of the above referenced Regulations have been carried out satisfactorily and that the cylinders accepted conform to the Design Specification. Test reports are supplied separately.

General Remarks:

Date of Inspection: February 14, 2022	Signature 
Inspector: Danny Emerick	

Approved by: Beatriz Campos Certifying Inspector Arrowhead Industrial Services EU		Signature  	Digitally signed by Beatriz Campos DN: cn=Beatriz Campos, ou=Arrowhead Industrial Services EU, email=certificates@arrow headis.com, c=PT Date: 2022.03.01 08:45:13 Z
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CERTIFICATE OF CONFORMANCE
Application of ISO 7866:2012

Seamless Aluminum Cylinders Model No. S80.3

MANUFACTURED FOR: STOCK

MANUFACTURED BY: CATALINA CYLINDERS,
7300 ANACONDA AVENUE, GARDEN GROVE, CALIFORNIA 92841

QUANTITY: 508

SERIAL NUMBERS: GV0014745 TO GV0015253

BATCH NUMBER(S): BE621, BE622, BE623 **HEAT NUMBER(S):** YL6

TECHNICAL DATA:

Service Pressure: 207Bar

Test Pressure: 311 Bar

Nominal Size 184.2 mm OD

Minimum Wall: 12.1 mm

659.0 mm Long (without cap and without valve)

Nominal Volumetric Capacity: 11.1 Liters

CONSTRUCTION: Backward Extrusion to Form a Seamless Shell, the open end is closed by swaging.

MATERIAL AND HEAT TREATMENT: AA Alloy Designation 6061A. Solution Treatment and Artificial Aging to the 6061 T6 Condition

STAMP MARKING: Markings as noted on layout attached to this certificate.

I hereby certify that I have determined the cylinders covered by this Certificate of Conformance have been manufactured in accordance with the requirements of ISO Standard ISO 7866:2012, and have passed all the inspections and tests required by this ISO Standard.

Remarks: COLTRI SUB

SERIAL NUMBER EXCLUDED GV0014811

CATALINA CYLINDERS
Garden Grove, CA

Signed: _____

Inspector

Date: 02-15-2022

PRODUCTION TEST DATA

Measurement of Cylinders

Batch No.	Serial Numbers	Water Capacity	Minimum measured thickness	
BE621, BE622, BE623	GV0014745- GV0015253	100% Inspected all capacities 11.1L or greater	100% Wall Thickness Inspected all above 12.1 mm minimum	100% Base Thickness Inspected all above 18.7 mm minimum

Mechanical Testing

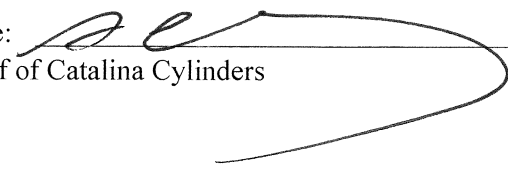
Batch No.	Serial Numbers	Cast No.				Flattening Test	Burst Test Serial No.	Burst Test (Bar)	Hardness
			Yield Stress (Mpa)	Tensile Stress (Mpa)	Elongation %				
BE621	GV0014745- GV0014942	YL6	324.7	372.1	15.3	OK	N/A	566.8	OK
			326.6	373.4	18.3				
BE622	GV0014943- GV0015139	YL6	294.0	367.7	17.9	OK	N/A	567.3	OK
			312.4	367.7	15.8				
BE623	GV0015140- GV0015253	YL6	320.8	370.2	15.2	OK	N/A	561.0	OK
			318.4	368.0	15.8				

Record of Chemical Analysis of Material for Cylinders

HEAT NO (HEAT CODE)	TYPE OF ANALYSIS (LADLE OR CHECK)	CHEMICAL ANALYSIS									
		Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi
YL6	LADLE	.59	.16	.30	.02	.88	.074	.00	.01	.001	.000

Date: 02-15-2022

Place: GARDEN GROVE, CALIFORNIA USA

Signature: 
On behalf of Catalina Cylinders

RECORD OF RESIDUAL HYDROCARBON TESTING

(In Accordance with Fed Spec. RR-C-901D)

Lot No.	Serial Number	Total Hydrocarbons (mg)	Regulatory Level Allowed (mg)
BE621	GV0014745	6.44	9.00
BE622	GV0014943	8.58	9.00
BE623	GV0015140	4.23	9.00

Certificate of Residual Hydrocarbon Testing are on file at Manufacturer.

Certifying Entity: **South Coast Pollution Control**

This record of Residual Hydrocarbon Testing is provided for informational purposes only, it is not to be considered a part of the Certificate of Compliance and Test Report to which it is attached, and has not been certified or verified by T.H. Cochrane Laboratories, Ltd.

Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

11:58:14AM

Cylinder Type: S80-E2-3

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0014745	BE621	2	4500	64.40	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014746	BE621	3	4500	64.20	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014747	BE621	4	4500	64.50	0.00	00.0	31.24	55.90	684.07	Pass	2/14/2022
GV0014748	BE621	5	4500	64.80	0.00	00.0	31.26	55.95	684.90	Pass	2/14/2022
GV0014749	BE621	6	4500	64.80	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014750	BE621	2	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014751	BE621	3	4500	64.60	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014752	BE621	4	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014753	BE621	5	4500	64.90	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014754	BE621	6	4500	64.00	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0014755	BE621	2	4500	64.40	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0014756	BE621	3	4500	64.10	0.00	00.0	31.42	56.05	683.24	Pass	2/14/2022
GV0014757	BE621	4	4500	64.30	0.00	00.0	31.26	55.95	684.90	Pass	2/14/2022
GV0014758	BE621	5	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014759	BE621	6	4500	63.80	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014760	BE621	2	4500	64.40	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014761	BE621	3	4500	63.90	0.00	00.0	31.34	55.95	682.68	Pass	2/14/2022
GV0014762	BE621	4	4500	64.40	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014763	BE621	5	4500	64.80	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014764	BE621	6	4500	64.80	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014765	BE621	2	4500	64.80	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014766	BE621	3	4500	64.40	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014767	BE621	4	4500	64.30	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014768	BE621	5	4500	64.80	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0014769	BE621	6	4500	64.80	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0014770	BE621	2	4500	64.60	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014771	BE621	3	4500	64.20	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014772	BE621	4	4500	64.60	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014773	BE621	5	4500	64.80	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014774	BE621	6	4500	64.70	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014775	BE621	2	4500	64.90	0.00	00.0	31.36	56.10	686.29	Pass	2/14/2022
GV0014776	BE621	3	4500	64.60	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014777	BE621	4	4500	64.80	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014778	BE621	5	4500	65.00	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0014779	BE621	6	4500	64.00	0.10	00.2	31.32	56.00	684.62	Pass	2/14/2022
GV0014780	BE621	2	4500	64.50	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014781	BE621	3	4500	64.30	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014782	BE621	4	4500	64.70	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014783	BE621	5	4500	64.90	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014784	BE621	6	4500	63.70	0.00	00.0	31.26	56.00	686.29	Pass	2/14/2022
GV0014785	BE621	2	4500	64.80	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014786	BE621	3	4500	64.20	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022

Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

11:58:14AM

Cylinder Type: S80-E2-3

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0014787	BE621	4	4500	64.60	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014788	BE621	5	4500	64.90	0.00	00.0	31.22	56.00	687.40	Pass	2/14/2022
GV0014789	BE621	6	4500	64.30	0.00	00.0	31.30	55.75	678.24	Pass	2/14/2022
GV0014790	BE621	2	4500	64.70	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014791	BE621	3	4500	64.50	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0014792	BE621	4	4500	64.60	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014793	BE621	5	4500	65.00	0.00	00.0	31.26	56.00	686.29	Pass	2/14/2022
GV0014794	BE621	6	4500	64.70	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014795	BE621	2	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014796	BE621	3	4500	64.50	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014797	BE621	4	4500	64.60	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014798	BE621	5	4500	65.00	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0014799	BE621	6	4500	64.80	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014800	BE621	2	4500	65.00	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014801	BE621	3	4500	64.50	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014802	BE621	4	4500	65.00	0.20	00.3	31.34	55.95	682.68	Pass	2/14/2022
GV0014803	BE621	5	4500	64.90	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0014804	BE621	6	4500	64.70	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014805	BE621	2	4500	64.50	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014806	BE621	3	4500	64.30	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0014807	BE621	4	4500	64.50	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014808	BE621	5	4500	65.30	0.50	00.8	31.30	56.05	686.57	Pass	2/14/2022
GV0014809	BE621	6	4500	64.60	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0014810	BE621	2	4500	64.70	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014812	BE621	4	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014813	BE621	5	4500	64.90	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014814	BE621	6	4500	64.90	0.00	00.0	31.28	56.10	688.51	Pass	2/14/2022
GV0014815	BE621	3	4500	64.00	0.00	00.0	31.26	56.00	686.29	Pass	2/14/2022
GV0014816	BE621	4	4500	64.70	0.00	00.0	31.26	56.05	687.67	Pass	2/14/2022
GV0014817	BE621	5	4500	64.90	0.00	00.0	31.26	56.05	687.67	Pass	2/14/2022
GV0014818	BE621	6	4500	64.60	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014819	BE621	2	4500	64.60	0.00	00.0	31.28	56.05	687.12	Pass	2/14/2022
GV0014820	BE621	3	4500	64.50	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0014821	BE621	4	4500	64.70	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014822	BE621	5	4500	65.00	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014823	BE621	6	4500	64.80	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0014824	BE621	5	4500	65.10	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014825	BE621	6	4500	64.70	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0014826	BE621	2	4500	64.70	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014827	BE621	3	4500	64.50	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0014828	BE621	4	4500	64.60	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022

Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

11:58:14AM

Cylinder Type: S80-E2-3

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0014829	BE621	5	4500	64.90	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0014830	BE621	6	4500	64.50	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0014831	BE621	2	4500	64.20	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014832	BE621	3	4500	64.20	0.00	00.0	31.28	56.05	687.12	Pass	2/14/2022
GV0014833	BE621	4	4500	64.60	0.00	00.0	31.26	56.05	687.67	Pass	2/14/2022
GV0014834	BE621	5	4500	64.90	0.00	00.0	31.26	56.05	687.67	Pass	2/14/2022
GV0014835	BE621	6	4500	63.80	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014836	BE621	2	4500	64.20	0.00	00.0	31.28	56.10	688.51	Pass	2/14/2022
GV0014837	BE621	3	4500	64.40	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014838	BE621	4	4500	64.60	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014839	BE621	5	4500	64.90	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014840	BE621	6	4500	63.90	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014841	BE621	2	4500	64.50	0.00	00.0	31.34	55.95	682.68	Pass	2/14/2022
GV0014842	BE621	3	4500	64.40	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014843	BE621	4	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014844	BE621	5	4500	64.90	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0014845	BE621	6	4500	64.20	0.20	00.3	31.32	56.05	686.01	Pass	2/14/2022
GV0014846	BE621	2	4500	64.60	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014847	BE621	3	4500	64.70	0.00	00.0	31.28	56.10	688.51	Pass	2/14/2022
GV0014848	BE621	4	4500	64.80	0.00	00.0	31.28	56.10	688.51	Pass	2/14/2022
GV0014849	BE621	5	4500	65.10	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0014850	BE621	6	4500	64.00	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014851	BE621	2	4500	64.30	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0014852	BE621	3	4500	64.10	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014853	BE621	4	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014854	BE621	5	4500	64.90	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014855	BE621	6	4500	65.00	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014856	BE621	2	4500	64.60	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014857	BE621	3	4500	64.60	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014858	BE621	4	4500	64.90	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014859	BE621	5	4500	65.00	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014860	BE621	6	4500	64.10	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0014861	BE621	2	4500	64.60	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014862	BE621	3	4500	64.40	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014863	BE621	4	4500	64.70	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014864	BE621	5	4500	64.70	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014865	BE621	6	4500	64.10	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0014866	BE621	2	4500	64.20	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0014867	BE621	3	4500	64.20	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014868	BE621	4	4500	64.40	0.00	00.0	31.46	56.10	683.51	Pass	2/14/2022
GV0014869	BE621	5	4500	65.00	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014870	BE621	6	4500	64.80	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022

Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

11:58:14AM

Cylinder Type: S80-E2-3

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0014871	BE621	2	4500	64.40	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014872	BE621	3	4500	64.10	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014873	BE621	4	4500	64.50	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014874	BE621	5	4500	64.80	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014875	BE621	6	4500	64.50	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014876	BE621	2	4500	64.40	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014877	BE621	3	4500	63.90	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014878	BE621	4	4500	64.30	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014879	BE621	5	4500	64.80	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014880	BE621	6	4500	64.50	0.00	00.0	31.34	55.95	682.68	Pass	2/14/2022
GV0014881	BE621	2	4500	64.60	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014882	BE621	3	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014883	BE621	4	4500	64.60	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0014884	BE621	5	4500	65.10	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014885	BE621	6	4500	65.50	0.40	00.6	31.32	56.05	686.01	Pass	2/14/2022
GV0014886	BE621	2	4500	64.50	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014887	BE621	3	4500	64.40	0.00	00.0	31.28	56.05	687.12	Pass	2/14/2022
GV0014888	BE621	4	4500	64.30	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014889	BE621	5	4500	64.80	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014890	BE621	6	4500	64.70	0.10	00.2	31.34	56.10	686.84	Pass	2/14/2022
GV0014891	BE621	2	4500	64.60	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014892	BE621	3	4500	64.40	0.00	00.0	31.38	56.15	687.12	Pass	2/14/2022
GV0014893	BE621	4	4500	64.50	0.00	00.0	31.46	56.15	684.90	Pass	2/14/2022
GV0014894	BE621	5	4500	64.80	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0014895	BE621	6	4500	65.00	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014896	BE621	2	4500	64.50	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014897	BE621	3	4500	64.20	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0014898	BE621	4	4500	64.50	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014899	BE621	5	4500	64.90	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0014900	BE621	6	4500	64.80	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014901	BE621	2	4500	64.50	0.00	00.0	31.42	56.05	683.24	Pass	2/14/2022
GV0014902	BE621	3	4500	64.00	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0014903	BE621	4	4500	64.70	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0014904	BE621	5	4500	64.70	0.00	00.0	31.36	56.10	686.29	Pass	2/14/2022
GV0014905	BE621	6	4500	64.40	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014906	BE621	2	4500	65.30	0.30	00.5	31.34	56.05	685.46	Pass	2/14/2022
GV0014907	BE621	3	4500	63.90	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014908	BE621	4	4500	64.50	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014909	BE621	5	4500	64.70	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014910	BE621	6	4500	63.80	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014911	BE621	2	4500	64.60	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014912	BE621	3	4500	64.20	0.00	00.0	31.28	55.90	682.96	Pass	2/14/2022

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Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

11:58:14AM

Cylinder Type: S80-E2-3

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0014913	BE621	4	4500	64.80	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014914	BE621	5	4500	64.80	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014915	BE621	6	4500	64.60	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014916	BE621	2	4500	64.60	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014917	BE621	3	4500	64.50	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014918	BE621	4	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014919	BE621	5	4500	65.00	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014920	BE621	6	4500	65.00	0.00	00.0	31.38	55.95	681.57	Pass	2/14/2022
GV0014921	BE621	2	4500	64.40	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0014922	BE621	3	4500	64.30	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014923	BE621	4	4500	65.10	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014924	BE621	5	4500	65.20	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014925	BE621	6	4500	63.80	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014926	BE621	2	4500	64.70	0.00	00.0	31.30	55.85	681.02	Pass	2/14/2022
GV0014927	BE621	3	4500	64.80	0.00	00.0	31.26	56.00	686.29	Pass	2/14/2022
GV0014928	BE621	4	4500	64.90	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0014929	BE621	5	4500	65.20	0.00	00.0	31.26	56.05	687.67	Pass	2/14/2022
GV0014930	BE621	6	4500	63.90	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014931	BE621	2	4500	64.80	0.00	00.0	31.24	56.00	686.84	Pass	2/14/2022
GV0014932	BE621	3	4500	64.40	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0014933	BE621	4	4500	64.90	0.00	00.0	31.26	56.10	689.06	Pass	2/14/2022
GV0014934	BE621	5	4500	64.70	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0014935	BE621	6	4500	65.20	0.00	00.0	31.28	56.10	688.51	Pass	2/14/2022
GV0014936	BE621	2	4500	64.50	0.00	00.0	31.28	56.15	689.89	Pass	2/14/2022
GV0014937	BE621	3	4500	63.80	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0014938	BE621	4	4500	64.70	0.00	00.0	31.26	56.00	686.29	Pass	2/14/2022
GV0014939	BE621	5	4500	65.10	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0014940	BE621	2	4500	64.90	0.00	00.0	31.24	56.05	688.23	Pass	2/14/2022
GV0014941	BE621	3	4500	64.40	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0014942	BE621	4	4500	64.90	0.00	00.0	31.26	56.05	687.67	Pass	2/14/2022

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Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

2:16:25PM

Cylinder Type: S80-E2-3

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0014943	BE622	2	4500	64.60	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014944	BE622	3	4500	64.30	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014945	BE622	4	4500	64.60	0.00	00.0	31.28	55.90	682.96	Pass	2/14/2022
GV0014946	BE622	5	4500	64.70	0.00	00.0	31.34	55.85	679.91	Pass	2/14/2022
GV0014947	BE622	6	4500	64.40	0.00	00.0	31.28	55.85	681.57	Pass	2/14/2022
GV0014948	BE622	2	4500	64.40	0.00	00.0	31.28	55.90	682.96	Pass	2/14/2022
GV0014949	BE622	3	4500	64.60	0.00	00.0	31.26	55.90	683.51	Pass	2/14/2022
GV0014950	BE622	4	4500	64.60	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0014951	BE622	5	4500	64.80	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0014952	BE622	6	4500	64.70	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014953	BE622	2	4500	64.50	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0014954	BE622	3	4500	64.10	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0014955	BE622	4	4500	65.20	0.70	01.1	31.36	55.95	682.13	Pass	2/14/2022
GV0014956	BE622	5	4500	64.70	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0014957	BE622	6	4500	64.70	0.00	00.0	31.34	55.90	681.29	Pass	2/14/2022
GV0014958	BE622	2	4500	64.50	0.00	00.0	31.36	56.10	686.29	Pass	2/14/2022
GV0014959	BE622	3	4500	64.40	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0014960	BE622	4	4500	64.50	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0014961	BE622	5	4500	64.90	0.00	00.0	31.38	55.95	681.57	Pass	2/14/2022
GV0014962	BE622	6	4500	64.80	0.10	00.2	31.38	55.95	681.57	Pass	2/14/2022
GV0014963	BE622	2	4500	64.50	0.00	00.0	31.36	55.90	680.74	Pass	2/14/2022
GV0014964	BE622	3	4500	64.50	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0014965	BE622	4	4500	64.60	0.00	00.0	31.42	56.00	681.85	Pass	2/14/2022
GV0014966	BE622	5	4500	64.70	0.00	00.0	31.42	55.90	679.08	Pass	2/14/2022
GV0014967	BE622	6	4500	64.70	0.00	00.0	31.36	55.85	679.35	Pass	2/14/2022
GV0014968	BE622	2	4500	64.70	0.00	00.0	31.36	55.90	680.74	Pass	2/14/2022
GV0014969	BE622	3	4500	64.70	0.00	00.0	31.28	55.90	682.96	Pass	2/14/2022
GV0014970	BE622	4	4500	64.80	0.00	00.0	31.28	55.85	681.57	Pass	2/14/2022
GV0014971	BE622	5	4500	65.20	0.00	00.0	31.36	55.85	679.35	Pass	2/14/2022
GV0014972	BE622	6	4500	64.40	0.00	00.0	31.26	55.80	680.74	Pass	2/14/2022
GV0014973	BE622	2	4500	64.40	0.00	00.0	31.32	55.90	681.85	Pass	2/14/2022
GV0014974	BE622	3	4500	64.10	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0014975	BE622	4	4500	64.80	0.00	00.0	31.28	55.85	681.57	Pass	2/14/2022
GV0014976	BE622	5	4500	64.70	0.00	00.0	31.40	55.95	681.02	Pass	2/14/2022
GV0014977	BE622	6	4500	64.90	0.10	00.2	31.30	55.85	681.02	Pass	2/14/2022
GV0014978	BE622	2	4500	64.50	0.00	00.0	31.30	55.85	681.02	Pass	2/14/2022
GV0014979	BE622	3	4500	64.20	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014980	BE622	4	4500	64.40	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0014981	BE622	5	4500	64.60	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014982	BE622	6	4500	64.60	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0014983	BE622	2	4500	64.60	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014984	BE622	3	4500	64.50	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022

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Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

2:16:25PM

Cylinder Type: S80-E2-3

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0014985	BE622	4	4500	65.00	0.10	00.2	31.30	56.00	685.18	Pass	2/14/2022
GV0014986	BE622	5	4500	65.00	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014987	BE622	6	4500	64.90	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014988	BE622	2	4500	64.80	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0014989	BE622	3	4500	64.10	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014990	BE622	4	4500	64.70	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0014991	BE622	5	4500	65.10	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0014992	BE622	6	4500	64.80	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014993	BE622	2	4500	64.50	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0014994	BE622	3	4500	64.70	0.00	00.0	31.34	55.95	682.68	Pass	2/14/2022
GV0014995	BE622	4	4500	64.50	0.20	00.3	31.32	55.90	681.85	Pass	2/14/2022
GV0014996	BE622	5	4500	65.00	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0014997	BE622	6	4500	64.60	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0014998	BE622	2	4500	64.40	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0014999	BE622	3	4500	64.30	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015000	BE622	4	4500	64.50	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015001	BE622	5	4500	65.00	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015002	BE622	6	4500	64.70	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0015003	BE622	2	4500	64.60	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015004	BE622	3	4500	64.50	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0015005	BE622	4	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0015006	BE622	5	4500	65.00	0.00	00.0	31.40	56.10	685.18	Pass	2/14/2022
GV0015007	BE622	6	4500	64.60	0.00	00.0	31.42	56.05	683.24	Pass	2/14/2022
GV0015008	BE622	2	4500	64.00	0.00	00.0	31.42	56.10	684.62	Pass	2/14/2022
GV0015009	BE622	3	4500	64.40	0.00	00.0	31.36	56.20	689.06	Pass	2/14/2022
GV0015010	BE622	4	4500	64.40	0.00	00.0	31.38	56.20	688.51	Pass	2/14/2022
GV0015011	BE622	5	4500	64.70	0.00	00.0	31.38	56.20	688.51	Pass	2/14/2022
GV0015012	BE622	6	4500	64.60	0.00	00.0	31.34	56.20	689.62	Pass	2/14/2022
GV0015013	BE622	2	4500	64.30	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0015014	BE622	3	4500	64.40	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0015015	BE622	4	4500	64.70	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015016	BE622	5	4500	64.50	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0015017	BE622	6	4500	64.60	0.00	00.0	31.42	56.05	683.24	Pass	2/14/2022
GV0015018	BE622	2	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0015019	BE622	3	4500	64.10	0.00	00.0	31.42	56.05	683.24	Pass	2/14/2022
GV0015020	BE622	4	4500	64.50	0.00	00.0	31.40	56.10	685.18	Pass	2/14/2022
GV0015021	BE622	5	4500	64.70	0.00	00.0	31.42	56.00	681.85	Pass	2/14/2022
GV0015022	BE622	6	4500	64.80	0.00	00.0	31.36	56.10	686.29	Pass	2/14/2022
GV0015023	BE622	2	4500	64.40	0.00	00.0	31.36	56.10	686.29	Pass	2/14/2022
GV0015024	BE622	3	4500	64.20	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0015025	BE622	4	4500	64.70	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0015026	BE622	5	4500	65.00	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022

Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

Manufacturer: Catalina Cylinders/Garden Grove

2/14/2022

Independent Inspector: T.H. Cochrane Labs

2:16:25PM

Cylinder Type: S80-E2-3

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0015027	BE622	6	4500	64.80	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0015028	BE622	2	4500	64.50	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015029	BE622	3	4500	64.20	0.00	00.0	31.44	56.15	685.46	Pass	2/14/2022
GV0015030	BE622	4	4500	64.50	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015031	BE622	5	4500	64.80	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015032	BE622	6	4500	64.70	0.20	00.3	31.38	56.10	685.73	Pass	2/14/2022
GV0015033	BE622	2	4500	64.40	0.00	00.0	31.38	56.10	685.73	Pass	2/14/2022
GV0015034	BE622	3	4500	64.50	0.00	00.0	31.40	56.15	686.57	Pass	2/14/2022
GV0015035	BE622	4	4500	64.60	0.00	00.0	31.38	56.20	688.51	Pass	2/14/2022
GV0015036	BE622	5	4500	64.60	0.00	00.0	31.38	56.10	685.73	Pass	2/14/2022
GV0015037	BE622	6	4500	64.80	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015038	BE622	2	4500	65.00	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0015039	BE622	3	4500	64.40	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015040	BE622	4	4500	64.80	0.10	00.2	31.38	56.10	685.73	Pass	2/14/2022
GV0015041	BE622	5	4500	64.60	0.00	00.0	31.26	55.95	684.90	Pass	2/14/2022
GV0015042	BE622	6	4500	64.80	0.10	00.2	31.34	56.05	685.46	Pass	2/14/2022
GV0015043	BE622	2	4500	64.40	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0015044	BE622	3	4500	64.30	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015045	BE622	4	4500	64.60	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015046	BE622	5	4500	64.50	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015047	BE622	6	4500	64.70	0.00	00.0	31.42	56.05	683.24	Pass	2/14/2022

Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

4:21:08PM

Cylinder Type: S80-E2-33

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0015048	BE622	2	4500	64.20	0.00	00.0	31.48	56.05	681.57	Pass	2/14/2022
GV0015049	BE622	3	4500	63.90	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0015050	BE622	4	4500	64.30	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015051	BE622	5	4500	64.80	0.00	00.0	31.36	56.10	686.29	Pass	2/14/2022
GV0015052	BE622	6	4500	64.30	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015053	BE622	2	4500	64.70	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015054	BE622	3	4500	64.20	0.00	00.0	31.40	56.15	686.57	Pass	2/14/2022
GV0015055	BE622	4	4500	64.50	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015056	BE622	5	4500	64.70	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015057	BE622	6	4500	64.60	0.00	00.0	31.38	55.95	681.57	Pass	2/14/2022
GV0015058	BE622	2	4500	64.50	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0015059	BE622	3	4500	64.40	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0015060	BE622	4	4500	64.70	0.00	00.0	31.38	55.95	681.57	Pass	2/14/2022
GV0015061	BE622	5	4500	65.00	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0015062	BE622	6	4500	64.50	0.00	00.0	31.40	55.95	681.02	Pass	2/14/2022
GV0015063	BE622	2	4500	64.50	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015064	BE622	3	4500	64.50	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015065	BE622	4	4500	64.80	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015066	BE622	5	4500	65.00	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015067	BE622	6	4500	64.80	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015068	BE622	2	4500	64.70	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0015069	BE622	3	4500	64.60	0.00	00.0	31.32	56.10	687.40	Pass	2/14/2022
GV0015070	BE622	4	4500	64.80	0.00	00.0	31.28	56.05	687.12	Pass	2/14/2022
GV0015071	BE622	5	4500	65.10	0.00	00.0	31.36	56.15	687.67	Pass	2/14/2022
GV0015072	BE622	6	4500	64.70	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0015073	BE622	2	4500	64.60	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0015074	BE622	3	4500	64.20	0.00	00.0	31.38	55.90	680.18	Pass	2/14/2022
GV0015075	BE622	4	4500	64.70	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015076	BE622	5	4500	65.70	0.80	01.2	31.34	56.00	684.07	Pass	2/14/2022
GV0015077	BE622	6	4500	65.00	0.10	00.2	31.32	55.95	683.24	Pass	2/14/2022
GV0015078	BE622	2	4500	64.70	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015079	BE622	3	4500	64.60	0.10	00.2	31.34	56.20	689.62	Pass	2/14/2022
GV0015080	BE622	4	4500	64.70	0.00	00.0	31.32	56.15	688.78	Pass	2/14/2022
GV0015081	BE622	5	4500	64.70	0.00	00.0	31.34	56.20	689.62	Pass	2/14/2022
GV0015082	BE622	6	4500	64.90	0.00	00.0	31.32	56.15	688.78	Pass	2/14/2022
GV0015083	BE622	2	4500	64.30	0.00	00.0	31.34	56.15	688.23	Pass	2/14/2022
GV0015084	BE622	3	4500	64.30	0.00	00.0	31.26	56.05	687.67	Pass	2/14/2022
GV0015085	BE622	4	4500	64.40	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0015086	BE622	5	4500	64.80	0.00	00.0	31.26	55.90	683.51	Pass	2/14/2022
GV0015087	BE622	6	4500	64.80	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0015088	BE622	2	4500	64.70	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015089	BE622	3	4500	64.50	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022

all


Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

Manufacturer: Catalina Cylinders/Garden Grove

2/14/2022

Independent Inspector: T.H. Cochrane Labs

4:21:08PM

Cylinder Type: S80-E2-33

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0015090	BE622	4	4500	64.70	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0015091	BE622	5	4500	64.80	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015092	BE622	6	4500	64.50	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015093	BE622	2	4500	64.90	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015094	BE622	3	4500	64.60	0.00	00.0	31.36	56.10	686.29	Pass	2/14/2022
GV0015095	BE622	4	4500	64.70	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0015096	BE622	5	4500	64.80	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015097	BE622	6	4500	64.60	0.00	00.0	31.40	56.10	685.18	Pass	2/14/2022
GV0015098	BE622	2	4500	64.50	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015099	BE622	3	4500	64.40	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0015100	BE622	4	4500	64.50	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0015101	BE622	5	4500	65.00	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0015102	BE622	6	4500	64.60	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015103	BE622	2	4500	64.60	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015104	BE622	3	4500	65.00	0.40	00.6	31.36	56.05	684.90	Pass	2/14/2022
GV0015105	BE622	4	4500	64.60	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0015106	BE622	5	4500	64.80	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0015107	BE622	6	4500	64.50	0.00	00.0	31.30	56.10	687.95	Pass	2/14/2022
GV0015108	BE622	2	4500	64.80	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015109	BE622	3	4500	64.50	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0015110	BE622	4	4500	64.70	0.00	00.0	31.30	56.15	689.34	Pass	2/14/2022
GV0015111	BE622	5	4500	65.10	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0015112	BE622	6	4500	64.70	0.00	00.0	31.34	55.90	681.29	Pass	2/14/2022
GV0015113	BE622	2	4500	64.80	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015114	BE622	3	4500	64.70	0.10	00.2	31.26	56.00	686.29	Pass	2/14/2022
GV0015115	BE622	4	4500	64.80	0.00	00.0	31.34	55.90	681.29	Pass	2/14/2022
GV0015116	BE622	5	4500	65.00	0.00	00.0	31.36	56.15	687.67	Pass	2/14/2022
GV0015117	BE622	6	4500	64.90	0.10	00.2	31.34	56.10	686.84	Pass	2/14/2022
GV0015118	BE622	2	4500	64.60	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0015119	BE622	3	4500	64.40	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015120	BE622	4	4500	64.60	0.00	00.0	31.38	56.10	685.73	Pass	2/14/2022
GV0015121	BE622	5	4500	65.00	0.00	00.0	31.28	56.05	687.12	Pass	2/14/2022
GV0015122	BE622	6	4500	64.30	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015123	BE622	2	4500	64.70	0.00	00.0	31.40	56.00	682.40	Pass	2/14/2022
GV0015124	BE622	3	4500	64.60	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015125	BE622	4	4500	64.80	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015126	BE622	5	4500	65.10	0.00	00.0	31.38	56.05	684.35	Pass	2/14/2022
GV0015127	BE622	6	4500	64.70	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0015128	BE622	2	4500	64.80	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015129	BE622	3	4500	65.30	0.20	00.3	31.34	55.95	682.68	Pass	2/14/2022
GV0015130	BE622	4	4500	64.90	0.00	00.0	31.38	55.95	681.57	Pass	2/14/2022
GV0015131	BE622	5	4500	64.90	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022

THC


Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

4:21:08PM

Cylinder Type: S80-E2-33

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0015132	BE622	6	4500	64.80	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0015133	BE622	2	4500	64.50	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015134	BE622	3	4500	64.40	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0015135	BE622	4	4500	64.80	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0015136	BE622	5	4500	65.10	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015137	BE622	2	4500	64.70	0.00	00.0	31.34	56.10	686.84	Pass	2/14/2022
GV0015138	BE622	3	4500	64.50	0.00	00.0	31.36	56.05	684.90	Pass	2/14/2022
GV0015139	BE622	4	4500	64.70	0.00	00.0	31.40	56.00	682.40	Pass	2/14/2022

OK



Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

4:33:26PM

Cylinder Type: S80-E2-33

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0015140	BE623	2	4500	64.60	0.00	00.0	31.26	56.10	689.06	Pass	2/14/2022
GV0015141	BE623	3	4500	64.70	0.00	00.0	31.24	56.10	689.62	Pass	2/14/2022
GV0015142	BE623	4	4500	64.40	0.00	00.0	31.38	55.95	681.57	Pass	2/14/2022
GV0015143	BE623	5	4500	64.90	0.00	00.0	31.24	55.90	684.07	Pass	2/14/2022
GV0015144	BE623	6	4500	64.50	0.00	00.0	31.24	55.90	684.07	Pass	2/14/2022
GV0015145	BE623	2	4500	64.90	0.00	00.0	31.20	55.90	685.18	Pass	2/14/2022
GV0015146	BE623	3	4500	64.70	0.00	00.0	31.22	55.85	683.24	Pass	2/14/2022
GV0015147	BE623	4	4500	64.80	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0015148	BE623	5	4500	65.00	0.00	00.0	31.26	55.95	684.90	Pass	2/14/2022
GV0015149	BE623	6	4500	64.80	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022

THC

Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

Manufacturer: Catalina Cylinders/Garden Grove

2/14/2022

Independent Inspector: T.H. Cochrane Labs

6:12:02PM

Cylinder Type: S80-E2-33

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0015150	BE623	2	4500	64.80	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015151	BE623	3	4500	64.60	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015152	BE623	4	4500	64.90	0.00	00.0	31.22	55.90	684.62	Pass	2/14/2022
GV0015153	BE623	5	4500	65.00	0.00	00.0	31.30	56.00	685.18	Pass	2/14/2022
GV0015154	BE623	6	4500	65.00	0.20	00.3	31.26	55.95	684.90	Pass	2/14/2022
GV0015155	BE623	2	4500	64.40	0.00	00.0	31.42	56.05	683.24	Pass	2/14/2022
GV0015156	BE623	3	4500	64.70	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015157	BE623	4	4500	64.60	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0015158	BE623	5	4500	65.00	0.00	00.0	31.38	56.00	682.96	Pass	2/14/2022
GV0015159	BE623	6	4500	64.60	0.00	00.0	31.34	55.90	681.29	Pass	2/14/2022
GV0015160	BE623	2	4500	64.70	0.00	00.0	31.24	55.85	682.68	Pass	2/14/2022
GV0015161	BE623	3	4500	64.30	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0015162	BE623	4	4500	64.70	0.00	00.0	31.24	55.90	684.07	Pass	2/14/2022
GV0015163	BE623	5	4500	64.90	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015164	BE623	6	4500	64.70	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015165	BE623	2	4500	64.50	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0015166	BE623	3	4500	64.40	0.00	00.0	31.26	55.95	684.90	Pass	2/14/2022
GV0015167	BE623	4	4500	64.40	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0015168	BE623	5	4500	64.60	0.00	00.0	31.28	56.00	685.73	Pass	2/14/2022
GV0015169	BE623	6	4500	67.50	2.70	04.0	31.20	55.90	685.18	Pass	2/14/2022
GV0015170	BE623	2	4500	64.50	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015171	BE623	3	4500	64.20	0.00	00.0	31.26	55.95	684.90	Pass	2/14/2022
GV0015172	BE623	4	4500	64.70	0.00	00.0	31.36	56.00	683.51	Pass	2/14/2022
GV0015173	BE623	5	4500	64.90	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0015174	BE623	6	4500	64.70	0.30	00.5	31.42	56.05	683.24	Pass	2/14/2022
GV0015175	BE623	2	4500	64.90	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015176	BE623	3	4500	64.20	0.00	00.0	31.40	56.00	682.40	Pass	2/14/2022
GV0015177	BE623	4	4500	64.70	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015178	BE623	5	4500	64.90	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015179	BE623	6	4500	64.80	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015180	BE623	2	4500	64.60	0.00	00.0	31.42	56.05	683.24	Pass	2/14/2022
GV0015181	BE623	3	4500	64.40	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015182	BE623	4	4500	64.50	0.00	00.0	31.28	55.85	681.57	Pass	2/14/2022
GV0015183	BE623	5	4500	64.90	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015184	BE623	6	4500	64.90	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015185	BE623	2	4500	64.70	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015186	BE623	3	4500	64.60	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015187	BE623	4	4500	64.70	0.00	00.0	31.28	55.90	682.96	Pass	2/14/2022
GV0015188	BE623	5	4500	65.10	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015189	BE623	6	4500	64.60	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015190	BE623	2	4500	64.70	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022
GV0015191	BE623	3	4500	64.40	0.00	00.0	31.32	56.00	684.62	Pass	2/14/2022



Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

6:12:02PM

Cylinder Type: S80-E2-33

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0015192	BE623	4	4500	64.80	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015193	BE623	5	4500	64.90	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0015194	BE623	6	4500	64.70	0.00	00.0	31.40	56.05	683.79	Pass	2/14/2022
GV0015195	BE623	2	4500	64.80	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015196	BE623	3	4500	64.20	0.00	00.0	31.22	55.95	686.01	Pass	2/14/2022
GV0015197	BE623	4	4500	64.50	0.00	00.0	31.28	56.05	687.12	Pass	2/14/2022
GV0015198	BE623	5	4500	65.10	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0015199	BE623	6	4500	64.60	0.00	00.0	31.30	56.05	686.57	Pass	2/14/2022
GV0015200	BE623	2	4500	64.50	0.00	00.0	31.34	55.95	682.68	Pass	2/14/2022
GV0015201	BE623	3	4500	64.40	0.00	00.0	31.26	56.05	687.67	Pass	2/14/2022
GV0015202	BE623	4	4500	64.30	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0015203	BE623	5	4500	64.50	0.00	00.0	31.28	56.05	687.12	Pass	2/14/2022
GV0015204	BE623	6	4500	63.90	0.00	00.0	31.34	56.05	685.46	Pass	2/14/2022
GV0015205	BE623	2	4500	64.70	0.00	00.0	31.32	56.05	686.01	Pass	2/14/2022
GV0015206	BE623	3	4500	64.20	0.00	00.0	31.30	55.85	681.02	Pass	2/14/2022
GV0015207	BE623	4	4500	64.60	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015208	BE623	5	4500	64.90	0.00	00.0	31.32	55.90	681.85	Pass	2/14/2022
GV0015209	BE623	6	4500	64.10	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015210	BE623	2	4500	64.60	0.00	00.0	31.32	55.90	681.85	Pass	2/14/2022
GV0015211	BE623	3	4500	64.00	0.00	00.0	31.32	55.85	680.46	Pass	2/14/2022
GV0015212	BE623	4	4500	64.60	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015213	BE623	5	4500	64.70	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015214	BE623	6	4500	64.70	0.20	00.3	31.28	55.85	681.57	Pass	2/14/2022
GV0015215	BE623	2	4500	66.70	1.70	02.5	31.26	55.95	684.90	Pass	2/14/2022
GV0015216	BE623	3	4500	64.40	0.00	00.0	31.34	55.95	682.68	Pass	2/14/2022
GV0015217	BE623	4	4500	64.70	0.00	00.0	31.30	55.95	683.79	Pass	2/14/2022
GV0015218	BE623	5	4500	64.80	0.00	00.0	31.32	55.90	681.85	Pass	2/14/2022
GV0015219	BE623	6	4500	64.10	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015220	BE623	2	4500	64.70	0.00	00.0	31.28	55.85	681.57	Pass	2/14/2022
GV0015221	BE623	3	4500	64.60	0.00	00.0	31.24	55.95	685.46	Pass	2/14/2022
GV0015222	BE623	4	4500	64.80	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015223	BE623	5	4500	64.90	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015224	BE623	6	4500	65.30	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0015225	BE623	2	4500	64.70	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0015226	BE623	3	4500	63.90	0.00	00.0	31.28	56.05	687.12	Pass	2/14/2022
GV0015227	BE623	4	4500	65.10	0.20	00.3	31.34	55.95	682.68	Pass	2/14/2022
GV0015228	BE623	5	4500	64.80	0.00	00.0	31.22	56.00	687.40	Pass	2/14/2022
GV0015229	BE623	6	4500	64.00	0.00	00.0	31.26	56.00	686.29	Pass	2/14/2022
GV0015230	BE623	2	4500	64.50	0.00	00.0	31.26	55.85	682.13	Pass	2/14/2022
GV0015231	BE623	3	4500	64.50	0.00	00.0	31.24	55.95	685.46	Pass	2/14/2022
GV0015232	BE623	4	4500	64.80	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0015233	BE623	5	4500	65.00	0.00	00.0	31.26	55.95	684.90	Pass	2/14/2022

Record Of Hydrostatic Testing

In accordance with CGA Pamphlet C-1

2/14/2022

Manufacturer: Catalina Cylinders/Garden Grove

Independent Inspector: T.H. Cochrane Labs

6:12:02PM

Cylinder Type: S80-E2-33

Test Station: Hydro 4

Test Pressure: 4500

Serial Number	Lot No.	Jacket No.	Actual T/P (psi)	Total Expan (cc)	Perm Expan (cc)	Ratio Perm/Tot (%)	Empty Weight (lbs)	Full Weight (lbs)	Volume Capacity (cu-in)	Pass or Fail	Test Date
GV0015234	BE623	6	4500	64.70	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015235	BE623	2	4500	64.50	0.00	00.0	31.36	55.90	680.74	Pass	2/14/2022
GV0015236	BE623	3	4500	64.40	0.00	00.0	31.32	55.90	681.85	Pass	2/14/2022
GV0015237	BE623	4	4500	64.30	0.00	00.0	31.26	55.85	682.13	Pass	2/14/2022
GV0015238	BE623	5	4500	64.80	0.00	00.0	31.26	55.80	680.74	Pass	2/14/2022
GV0015239	BE623	6	4500	64.90	0.20	00.3	31.26	55.90	683.51	Pass	2/14/2022
GV0015240	BE623	2	4500	64.50	0.00	00.0	31.24	55.95	685.46	Pass	2/14/2022
GV0015241	BE623	3	4500	64.20	0.00	00.0	31.36	55.95	682.13	Pass	2/14/2022
GV0015242	BE623	4	4500	64.50	0.00	00.0	31.30	55.90	682.40	Pass	2/14/2022
GV0015243	BE623	5	4500	64.90	0.00	00.0	31.34	56.00	684.07	Pass	2/14/2022
GV0015244	BE623	6	4500	64.40	0.20	00.3	31.24	55.85	682.68	Pass	2/14/2022
GV0015245	BE623	2	4500	64.30	0.00	00.0	31.32	55.90	681.85	Pass	2/14/2022
GV0015246	BE623	3	4500	64.60	0.00	00.0	31.28	55.95	684.35	Pass	2/14/2022
GV0015247	BE623	4	4500	64.80	0.00	00.0	31.24	55.95	685.46	Pass	2/14/2022
GV0015248	BE623	5	4500	65.10	0.30	00.5	31.36	56.00	683.51	Pass	2/14/2022
GV0015249	BE623	6	4500	64.80	0.00	00.0	31.32	55.95	683.24	Pass	2/14/2022
GV0015250	BE623	2	4500	64.40	0.00	00.0	31.26	55.85	682.13	Pass	2/14/2022
GV0015251	BE623	3	4500	64.00	0.00	00.0	31.26	55.85	682.13	Pass	2/14/2022
GV0015252	BE623	4	4500	64.50	0.00	00.0	31.28	55.90	682.96	Pass	2/14/2022
GV0015253	BE623	5	4500	64.80	0.20	00.3	31.30	55.85	681.02	Pass	2/14/2022

OM



Lot # BE621

2-2-22

580-E2-33

RE

Vol-685.18 CIVIL

AR 16

Lot # BE621

Draw # 064108

USA CATALINA GOOD 17245
1A-2ND 11-11 PS/PW2078AR PT/PRETTIER
CE 2880 2022/02 DIVING BREATHING GAS
91-15091-99/04-40/65
ENS TEL 105
Add Hong Kong

Set-up Referred
all other 580-E2-33
Date 02-02-22
Lot # BE621

DR 

10-10-70

99-106

91-1906-16

12512 USA PATENT & TRADEMARK OFFICE
14.240 11-14 PS/PATENT & TRADEMARK OFFICE
CE 2890 2022/02 11-14 PS/PATENT & TRADEMARK OFFICE

Lot# BE623

12512 USA CATALINA GOODRICH
14.246 11.7L PS/P12078AR PT/P12078AR
CS 2880 2022/02 DIVING BREATHING GAS
91219094 4A6061716
COLT PIT 10/1700

Lot# BE623

2-3-22

880-62-33

RE.

Vol. 689.06

CU-II

OM

