

May 01, 2018

Attention: Scott Islip
ROUND ENGINEERING INC
10 SEGWUN ROAD
WATERDOWN, ON L8B 0K6

Email: scott.islip@roundeng.com

The design submission, tracking number 2018-02463, originally received on April 17, 2018 was surveyed and accepted for registration as follows:

CRN : 0G18533.2 **Accepted on:** May 01, 2018
Reg Type: NEW DESIGN **Expiry Date:** May 01, 2028
Drawing No. : SCOPE OF CRN REGISTRATION As Noted
Fitting type: PRESSURE RELIEF DEVICE
Design registered in the name of : ENVIRO VALVE INC

The registration is conditional on your compliance with the following notes:

As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is SECTION VIII, DIV. 1.

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.

This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.

Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration does not include cyclic service.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 or fax (780) 437-7787 or e-mail liu@absa.ca.

Sincerely,



LIU, XING, P. Eng.
DOP Cert. No. D00008861

STATUTORY DECLARATION Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



I, JIM KERIAN, GENERAL MANAGER of ENVIRO VALVE INC. located at 807 North Sycamore Avenue, Broken Arrow, Oklahoma, 74012

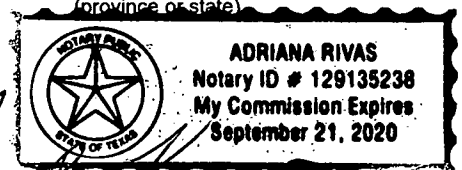
do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of ASME SECTION VIII DIV. 1 which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with attached as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, ASME UD as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are PRESSURE RELIEF DEVICES

In support of this application, the following information, calculations and/or test data are attached: SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

DECLARED before me at Woodlands in the State of Texas this 19 day of March, 2018 (print) Adriana Rivas (a Commissioner of Oaths or Notary Public) (sign) [Signature] (signature of applicant)



For ABSA Office Use Only:

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category 6

Registration Number: 0618533.2 (Signature of the Administrator/SCO)

Date Registered: 2018-05-01 Expiry Date: 2028-05-01

ENVIROVALVE INC.
 807 NORTH SYCAMORE AVE.
 BROKEN ARROW, OKLAHOMA
 74012, U.S.A.



05-Apr-18

PAGE 1 OF 1

SCOPE OF CRN REGISTRATION

Product Description	Part Numbers	Design Code	Code Stamp	Size Range	ANSI Class	End Connection	Standard Material Specifications (Note 1)	MAWP (psig) (Note 2,3,4,5)	Maximum Set Pressure (psig) (Note 3,4,5)
ACCU-SHEAR Pin Device	8LP/8HP	ASME Section VIII Division 1	ASME UD	8" thru 24"	150	Wafer / Lug	ASME SA216-WCB and other ASME B16.34 Material Group 1.1 materials.	285 psig at 100F	45 psig at 800F
	10LP/10HP						ASME SA352-LCB and other ASME B16.34 Material Group 1.3 materials.	265 psig at 100F	45 psig at 650F
	12LP/12HP						ASME SA351-CF8M and other ASME B16.34 Material Group 2.2 materials.	275 psig at 100F	45 psig at 917F 20 psig at 1000F
	14LP/14HP								
	16LP/16HP								
	18LP/18HP								
	20LP/20HP								
	24LP/24HP								

Note 1: Other ASME B16.34 materials may be supplied. When this is the case the pressure-temperature ratings are to be in accordance with the applicable ASME B16.34 Table 2 ratings.

Note 2: Pressure ratings above 100F are to be accordance with the applicable ASME B16.34 Table 2 ratings.

Note 3: In all cases the pressure-temperature ratings of the valves may be limited by the seat and seal materials. Consult Envirovalve.

Note 4: In all cases the pressure-temperature ratings are limited by the pressure-temperature ratings of ASME B16.34.

Note 5: For temperatures below -20F products shall conform to the rules of the applicable codes under which they are used.

Note 6: See attached copy of National Board Listing.

ADSA	
SAFETY CODE ACT - PROVINCE OF ALBERTA	
REGISTRATION OF FITTINGS	
0618533.2	
REGISTERED NO.	
DWG. NO. OR QALTY NO.	Scope of CRN Reg
TYPE OF FITTING	Pressure relief device
Date	2018-05-01
INITIALS	dl
	A.S.G. L.L.B., F.Eng. DESIGN SURVEY ENGINEER

Enviro Valve Inc (ENV)

location: 807 N. Sycamore Ave., Broken Arrow, OK 74012 United States

Acceptable Abbrev.: EnviroValve

Enviro Valve Inc (ENV)

location: 807 N. Sycamore Ave., Broken Arrow, OK 74012 United States

Acceptable Abbrev.: EnviroValve

Certification Number: **58025** Design Series or catalog number: **EVSP**

Type Classification: Breaking Bar Non-reclosing Device

Capacity Tests: Sec. VIII Div. 1 at National Board T L (Worthington) on July 18, 2013

Method of Establishing Relieving Capacity: Resistance Factor, 3 Size, Krg

Certified Value: 3.71 Unitless

Test Medium: Air/Gas

Certified Medium: Air or gases (Krg)

Set Pressure Definition: Breaking Pressure

Scope of Nominal Size and Set Pressure Ranges:

Inlet Size	Outlet Size	Flow Area	Orifice [designator] diameter	Lift	Set Pressure Range	Media	Code Section
8 NPS	8 NPS	24.57 sq in	7.3 in		15 - 45 psi	Air	VIII Div. 1
		25.23 sq in	7.31 in		5 - 15 psi	Air	VIII Div. 1
10 NPS	10 NPS	44.39 sq in	9.31 in		15 - 45 psi	Air	VIII Div. 1
		45.69 sq in	9.33 in		5 - 15 psi	Air	VIII Div. 1
12 NPS	12 NPS	70.65 sq in	11.2 in		15 - 45 psi	Air	VIII Div. 1
		72.01 sq in	11.23 in		5 - 15 psi	Air	VIII Div. 1
14 NPS	14 NPS	86.65 sq in	12.38 in		15 - 45 psi	Air	VIII Div. 1
		87.86 sq in	12.41 in		5 - 15 psi	Air	VIII Div. 1
16 NPS	16 NPS	122 sq in	14.28 in		15 - 45 psi	Air	VIII Div. 1
		122.71 sq in	14.3 in		5 - 15 psi	Air	VIII Div. 1
18 NPS	18 NPS	162.22 sq in	16.21 in		15 - 45 psi	Air	VIII Div. 1
		162.28 sq in	16.21 in		5 - 15 psi	Air	VIII Div. 1
20 NPS	20 NPS	208.93 sq in	18.12 in		5 - 45 psi	Air	VIII Div. 1
24 NPS	24 NPS	316.59 sq in	21.95 in		5 - 15 psi	Air	VIII Div. 1
		316.61 sq in	21.95 in		15 - 45 psi	Air	VIII Div. 1

0618533.2