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September 6, 2024

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14389570
Your Reference No.: R-1997
Registered to: CIRCOR FLOW TECHNOLOGIES INDIA PVT. LTD.

Dear SCOTT ISLIP,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0C25465.5
Main Design No.: See Scope of CRN Registration attached to Statutory Declaration
Expiry Date: Sep 06, 2034

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Zivko Gacevic , P. Eng.
Engineer, BPV
Tel. : +1 416-734-3429
Email : zgacevic@tssa.org



Technical Standards and Safety Authority
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Toronto, Ontario M9W 6N9
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Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



STATUTORY DECLARATION

Registration of Fittings

I, ESAKKIMUTHU KANDHASAMY, SENIOR SPECIALIST - QUALITY

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of CIRCOR FLOW TECHNOLOGIES INDIA PVT. LTD

SF No. 337/2, No.15 (Name of Manufacturer)

Naranapuram Village, Ponnandampalayam, Thennampalayam - Annur Road,
Coimbatore, Tamil Nadu 641 659, India.

Located at

(Plant Address)

+91.421.232.1662

(Telephone No.)

(Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B16.34

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, BUREAU VERITAS

The items covered by this declaration, for which I seek registration, are category C - VALVES type fittings. In support of this application, the following information and/or test data are attached as follows:

SCOPE OF CRN REGISTRATION, DRAWINGS, REPORTS

(drawings, calculations, test reports, etc.)

Declared before me at CIRCOR FLOW TECHNOLOGIES INDIA PRIVATE LIMITED in the TAMIL NADU of INDIA

the 06 day of March AD 20 24.

Commissioner for Oaths:

(Printed name)

(Signature)

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category 'H'

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: Sep. 6, 2034

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C25465.5

Signed: Jacques Z...

Date: September 6, 2024.

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

PV 09553 (04/17)

Note: See attached documents for Scope of Registration.

CIRCOR FLOW TECHNOLOGIES INDIA PVT. LTD.

SF No. 337/2, No. 15, Naranapuram Village, Ponnandampalayam,
Thennampalayam - Annur Road, Coimbatore, Tamil Nadu,
641 659, India

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SCOPE OF CRN REGISTRATION

Product Description	Model	Drawing	Design Code	Size Range	Pressure Class	Process Connection(s)	Standard Valve Body Materials	P-T Ratings ASME B16.34 Table 2 Group (Note 1)	Design Report
Cage Guided Valves	3112	710896-CRN Rev. 00	ASME B16.34	2" thru 8"	CL150 to CL600	Flanged, Butt weld	ASTM A216-WCC	1.2	R-1997 R.0
	3113			2" thru 16"	CL150 to CL600		ASTM A352-LCC	1.2	
	3113			2" thru 12"	CL900 to CL1500		ASTM A217-WC6	1.9	
	3113			2" thru 8"	CL2500		ASTM A217-WC9	1.10	
	3111	711060 Rev. 00	ASME B16.34	3" thru 12"	CL4500	Butt weld	ASTM A217-C12A	1.15	
							ASTM A351-CF8M	2.2	
							ASTM A216-WCC	1.2	
							ASTM A352-LCC	1.2	
							ASTM A217-WC6	1.9	
							ASTM A217-WC9	1.10	
Unbalanced Plug Valves	3111	710915-CRN Rev. 00	ASME B16.34	1" thru 8"	CL150 to CL2500	Flanged, Butt weld	ASTM A216-WCC	1.2	R-1997 R.0
							ASTM A352-LCC	1.2	
							ASTM A217-WC6	1.9	
							ASTM A217-WC9	1.10	
							ASTM A217-C12A	1.15	
	ASTM A351-CF8M	2.2							
	3111	711059 Rev. 00	ASME B16.34	1", 1-1/2", 2"	CL4500	Butt weld	ASTM A216-WCC	1.2	
							ASTM A352-LCC	1.2	
							ASTM A217-WC6	1.9	
							ASTM A217-WC9	1.10	
ASTM A217-C12A							1.15		
ASTM A351-CF8M	2.2								

- Note 1:** Pressure-temperature ratings are in accordance with applicable ASME B16.34 Table 2 ratings.
- Note 2:** In all cases the MAWP may be limited by the seat or seal material or other considerations. Contact factory for limitations.
- Note 3:** Other ASME B16.34 materials may be supplied. When this is the case the pressure-temperature ratings of the valves are to be in accordance with the applicable ASME B16.34 Table 2 ratings.

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 Boilers and Pressure Vessels Safety Program

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SCOPE OF CRN REGISTRATION

Notes Continued

Note 4: Per ASME B16.34 para. 2.3.2. the pressure rating for service at any temperature below -20F shall be no greater than the ASME B16.34 ratings for -20°F. Products that are to operate at low temperatures shall conform to the rules of the applicable codes under which they are used.

Note 5: Pressure-Temperature Ratings of butt-weld end valves may be limited by the butt-weld end pressure rating. Butt-weld end pressure ratings shall be calculated in accordance with the rules of the applicable codes under which they are used.

Note 6: The valves minimum wall thickness meets the requirements of ASME B16.34. In addition, the valves are equipped with an additional 0.118" / 3mm corrosion allowance above the minimum wall thickness requirements specified in ASME B16.34.

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