



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

July 14, 2020

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2861936
Your Reference No.: R-1230
Registered to: ARI-ARMATUREN USA LP

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 No.: **0C14901.5R1**
Main Design No.: **Control & Globe Valves per Scope of Registration (attached to the Statutory Declaration)**

Expiry Date: **14-Jul-2030**

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

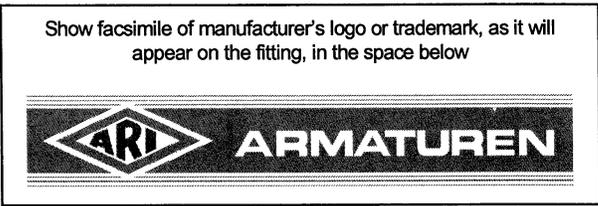
A stamped copy of the approved registration and invoice for engineering services will be sent to you shortly. Should you have any questions or require further assistance, however, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Zivko Gacevic P. Eng.
Mechanical Engineer, BPV
Tel.: 416-734-3429
Fax: 416-231-6183
Email: zgacevic@tssa.org



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org



STATUTORY DECLARATION Registration of Fittings

I, KEEFE FRENTZ, QUALITY MANAGER
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of ARI-ARMATUREN
(Name of Manufacturer)

Located at SEE ATTACHED WORLDWIDE LOCATIONS APPENDIX
(Plant Address) (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, TUV.

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, REPORTS, CATALOGS

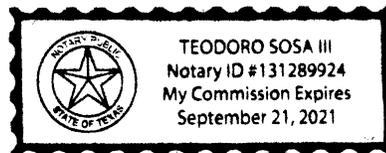
(drawings, calculations, test reports, etc.)

Declared before me at Webster in the State of Texas
 the 20th day of February AD 2020.

Commissioner for Oaths:

Teodoro Sosa
(Printed name)

[Signature]
(Signature)



[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 'C'.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: Jul 14, 2030

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C14901.5R1

Signed: [Signature]

Date: July 14, 2020.

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



SCOPE OF CRN REGISTRATION

Product Description	ARI-Armaturen Figure	Design Code	Size Range	End Connection	Standard Body and Bonnet Material (Note 4)	Pressure Class	MAWP at 100°F (Note 1, 2, 3)	Design Report
Control Valves	45.440, 45.441	ASME B16.34	NPS 1/2" thru NPS 2"	NPT, Socket Weld	Carbon Steel ASME SA105	ANSI 300	740 psig at 100F	R-1230A R.0
Control Valves	32.470, 32.471	ASME B16.34	NPS 1/2" thru NPS 10"	Flanged	Carbon Steel ASME SA216-WCB	ANSI 150	285 psig at 100F	R-1230B R.0
Control Valves	35.470, 35.471	ASME B16.34	NPS 1/2" thru NPS 10"	Flanged, Butt weld	Carbon Steel ASME SA216-WCB	ANSI 300	740 psig at 100F	R-1230B R.0
Control Valves	32.448	ASME B16.34	NPS 1/2" thru NPS 4"	Flanged	Carbon Steel ASME SA216-WCB	ANSI 150	285 psig at 100F	R-1230E R.0
Control Valves	52.448	ASME B16.34	NPS 1/2" thru NPS 4"	Flanged	Stainless Steel ASME SA351-CF8M	ANSI 150	275 psig at 100F	R-1230E R.0
Globe Valves	45.049, 45.149	ASME B16.34	NPS 1/2" thru NPS 2-1/2"	NPT, Socket Weld	Carbon Steel ASME SA105	ANSI 300	740 psig at 100F	R-1230C R.0
Globe Valves	32.041, 32.141	ASME B16.34	NPS 1/2" thru NPS 10"	Flanged	Carbon Steel ASME SA216-WCB	ANSI 150	285 psig at 100F	R-1230D R.0
Globe Valves	35.041, 35.141	ASME B16.34	NPS 1/2" thru NPS 10"	Flanged	Carbon Steel ASME SA216-WCB	ANSI 300	740 psig at 100F	R-1230D R.0

Note 1: MAWP = Maximum Allowable Working Pressure

Note 2: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP may be limited by the seat or seal material or other considerations. Please consult ARI-Armaturen literature.

Note 3: Pressure-temperature ratings above 100°F are in accordance with applicable ASME B16.34 Table 2 ratings.

Note 4: 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.

Note 5: 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 6: 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 7: See attached Worldwide Locations Appendix.

THIS IS PART OF CRN
 0C14901.5R1
 Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program



WORLDWIDE LOCATIONS APPENDIX – PAGE 1 OF 1

**ARI-ARMATUREN LOCATIONS
& CERTIFYING AUTHORITIES**

(rev. February 20, 2020)

ARI-Armaturen Albert Richter GmbH & Co. KG

Mergelheide 56-60

33758 Schlob Holte-Stukenbrock

Germany

ISO 9001 Certified by TUV

ARI-Armaturen Albert Richter GmbH & Co. KG

Am Eisenwerk 10

34576 Homberg (Efze)

Germany

ISO 9001 Certified by TUV

ARI-Armaturenwerk Halle GmbH

Turmstrabe 118

06110 Halle (Saale)

Germany

ISO 9001 Certified by TUV

ARI-Armaturen A/S

Teknikervei 10

7000 Frederica

Denmark

ISO 9001 Certified by TUV

ARI-Armaturen GmbH

Lichtblaustrabe 10A

1220 Wien

Austria

ISO 9001 Certified by TUV

ARI-Armaturen USA, LP

125 Megellan Circle

Webster, TX

77598, USA

ISO 9001 Certified by TUV

THIS IS PART OF CRN
0C14901.5R1
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program