

January 09, 2025

Attention: Cecylia Garbacz
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, Tracking Number 2024-07608, Web Portal Number 2024-S5525, originally received on December 18, 2024 was surveyed and accepted for registration as follows:

CRN : 0C25570.52 **Accepted on:** January 09, 2025
Reg Type: NEW DESIGN **Expiry Date:** November 13, 2034
Drawing No. : SCOPE OF CRN REGISTRATION Rev 19-JUN-24
Fitting type: F012-K1/WN BUTTERFLY VALVES
Design registered in the name of : EBRO ARMATUREN GEBR

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

*** Design Report #: R-1845 Rev 0*

*** See Worldwide Locations Appendix for a list of manufacturing locations*

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- 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 or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

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

If you have any question don't hesitate to contact me by phone at (587) 686-9330 or fax (780) 437-7787 or e-mail Poon@absa.ca.

Sincerely,



POON, ASHLING, P. Eng.
DOP Cert. No. D00007936

January 09, 2025



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

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, Mr. Andreas Kohlscheen, Head of R&D Valve Technology
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Ebro - Armaturen Gebr. Broer GmbH
(Name of Manufacturer)

Located at Karlstr. 8, 58135 Hagen, Germany
(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

(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 ASME B31.3 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 BUTTERFLY VALVES type fittings. In support of this application, the following information and/or test data are attached as follows:
SCOPE OF CRN, DRAWINGS, CALCULATIONS

(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____
 the _____ day of _____ AD 20_____.

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 'C'

CRN: _____

Registered by: _____

Dated: 2025-01-09

NOTE: This registration expires on: 2034-11-13


2024-07608

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: OC2557Q 52

See acceptance letter for conditions of registration.

Date: 2025-01-09 By: 
 ASHLING POON, P. Eng.
 DOP: D00007936

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

**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)

** See attached Scope of CRN Registration and the Worldwide Locations Appendix for a list of manufacturing locations

UVZ-Nr. 430/2024

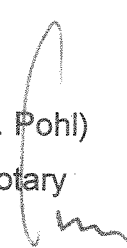
Upon request, in accordance with section 3, para. 1, no. 7 of the Certification Act, the party present declared that neither the officiating civil law notary nor any lawyer associated with him professionally had had any previous dealings with this matter beyond the scope of their professional activities.

I hereby certify that the above signature is the true signature of Mr. Andreas Kohlscheen born on 01.09.1963, business address Karlstraße 8, 58135 Hagen. The signature was made in my presence. Mr. Andreas Kohlscheen is personally known to me.

The certification took place in the office rooms of EBRO Armaturen Gebr. Brüer GmbH, Karlstraße 8, 58135, Hagen where the notary betook himself by request of the party.

Hagen, 15th August 2024

(Dr. Pohl)
Notary



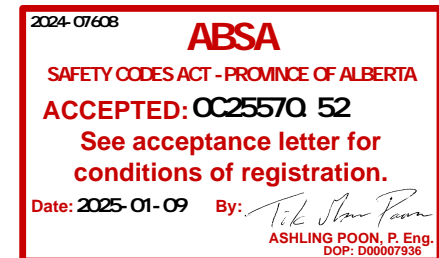


SCOPE OF CRN REGISTRATION

Product Description	Series	Design Code	Standard Material	End Connection	Size Range	MAWP at MAWT (Note 1, 2) (psig)	MDMT	Design Report
Butterfly Valves	F012-K1 / WN	ASME B31.3	Ductile Iron ASTM A536 65-45-12	Double Flanged with ASME B16.47 CL150 Series A Bolt pattern	28" (DN 700)	200 psig at 400°F	-20°F	R-1845 Rev. 0
					30" (DN 750)	200 psig at 400°F		
					32" (DN 800)	200 psig at 400°F		
					36" (DN 900)	180 psig at 400°F		
					40" (DN 1000)	200 psig at 400°F		
					44" (DN 1100)	200 psig at 400°F		
					48" (DN 1200)	170 psig at 400°F		
					52" (DN 1300)	145 psig at 400°F		
					56" (DN 1400)	200 psig at 400°F		
60" (DN 1500)	140 psig at 400°F							
Butterfly Valves	F012-K1 / WN	ASME B31.3	Ductile Iron ASTM A536 65-45-12	Double Flanged with ASME B16.1 CL125 Bolt pattern	72" (DN 1800)	60 psig at 400°F	-20°F	R-1845 Rev. 0

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design metal Temperature.

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 product literature.



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



WORLDWIDE LOCATIONS APPENDIX

**EBRO MANUFACTURING LOCATIONS
& CERTIFYING AUTHORITIES**

(rev. Nov. 12, 2024)

EBRO ARMATUREN Gebr. Bröer GmbH

Karlstrasse 8
58135 Hagen
Germany

ISO 9001:2015 Certified by TUV

Ebro Valves (Thailand) Co. LTD

34/3 Moo4, Chonburi Industrial Estate,
Highway #331 Rd.
20230 Borwin, Siracha, Chonburi
Thailand

ISO 9001:2015 Certified by TUV

**THIS IS PART OF CRN
0C25570.5**
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

2024-07608
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0C25570 52
See acceptance letter for
conditions of registration.
Date: 2025-01-09 By: *Ashling Poon*
ASHLING POON, P. Eng.
DOP: D00007936

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.