

July 23, 2023

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

The design submission, Tracking Number 2023-02953, Web Portal Number 2023-S1718, originally received on May 08, 2023 was surveyed and accepted for registration as follows:

**CRN :** 0H23376.2 **Accepted on:** July 23, 2023  
**Reg Type:** NEW DESIGN **Expiry Date:** July 23, 2023  
**Drawing No. :** Design Report R-1830 Rev 0 As Noted  
**Fitting type:** 4" Swivel Joint  
Design registered in the name of : EMCO WHEATON

Description	MAWP	Design Temperature	MDMT
Internal Pressure	1724kPa	66 °C	-46 °C

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

*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 and B31.1.*

- 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 (403) 291-7070 ext 2201 or fax (403) 291-4545 or e-mail Zhangl@absa.ca.

Sincerely,



ZHANG, LILI, P. Eng.  
DOP Cert. No. D00010626

**STATUTORY DECLARATION**  
**Registration of Fittings**  
 Single or Multiple Fitting Designs within one Fitting Category

I, Harm Stöver, Managing Director  
(name of applicant) (position title) (must be in a position of authority)  
 of Emco Wheaton GmbH  
(name of manufacturer)  
 located at Emcostr. 2-4; 35274 Kirchhain ( Germany )  
(plant address)

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



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

- ☒ comply with the requirements of ASME B31.1 & B31.3 which specifies the dimensions,  
(title of recognized North American Standard)  
 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 \_\_\_\_\_ as supported by the  
(title of code of construction or other applicable document)  
 attached data which identifies the dimensions, materials of construction, pressure/temperature ratings  
 and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

**Quality Program Verification and Manufacturing Sites**

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Swivel Joints	ISO 9001	ISO 9001	2023-10-13	TüV Hessen	see above Company Name and Address
2.						

In support of this application, the following information, calculations and/or test data are attached:

Störte 13.06.2023  
(Signature of the Declarer) (Date)

DECLARED before me at Kirchhain in the State of Hessen  
(city) (province, territory, or state)

this 13<sup>th</sup> day of June, 2023  
(Month) (Year)

(print) Rechtsanwalt Ralf Luthke  
(a Commissioner of Oaths or Notary Public)

gez. Luthke  
als amtlich bestellter Vertreter der Notarin  
Dr. Eva Marie Lischka in Kirchhain

(sign) \_\_\_\_\_  
(a Commissioner of Oaths or Notary Public)

(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: \_\_\_\_\_  
(province, territory, or state)

## 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, Part 1, Clause 4.2, and is accepted for registration in Category H

CRN: \_\_\_\_\_

Registered Date: \_\_\_\_\_

Expiry Date: 7/23/2033

Signature: \_\_\_\_\_  
(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2023-02953

**ABSA**

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: **CH23376.2**

See acceptance letter for conditions of registration.

Date: 7/23/2023

By: Lili Zhang

LILI ZHANG, P. Eng.  
DOP: D00010626

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.



**Notarielle Beglaubigung  
des Rechtsanwalt Ralf Luthe als amtlich bestelltem  
Vertreter der Notarin Dr. Eva Marie Lischka**

Vorstehende, vor mir vollzogene Namensunterschrift

- des Herrn **Harm S t ö v e r**,  
geb. am 01.08.1966,  
geschäftsansässig Emcostraße 2-4, 35274 Kirchhain,  
-ausgewiesen durch Bundespersonalausweis-

wird hiermit beglaubigt, nachdem ich den Erschienenen nach einer  
Vorbefassung im Sinne des § 3 Abs. 1 Nr. 7 BeurkG befragt habe  
und diese Frage verneint wurde.

35274 Kirchhain, den 13.06.2023



  
gez. Luthe

Luthe, Rechtsanwalt  
als amtlich bestellter Vertreter der Notarin  
Dr. Eva Marie Lischka in Kirchhain

**SCOPE OF CRN REGISTRATION**

Product Description	Drawings	Design Code	Material Specification	Process Connection Size	MAWP at MAWT	MDMT	Report Number
Swivel Joint D2000	653909 Rev. 0, 658251-253 Rev. 1	ASME B31.3, ASME B31.1	Aluminum ASTM B247 5083 - H112 / EN AW-5083 H112 according to EN 755-2, Steel ISO 898-1 Class 8.8	NPS 4"	1724 Kpag at 66°C / 250 psig at 150°F	- 46°C / - 50°F	R-1830 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 literature.

**Note 3:** For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

**Note 4:** In accordance with ASME B31.1 para. 123.1.2(D) when this product is manufactured from a ASME B31.1 unlisted material and used under the ASME B31.1 code the facility owner must accept the use of the non listed material. ISO 898-1 Class 8.8 are not listed in ASME B31.1.