



345 Carlingview Drive  
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[www.tssa.org](http://www.tssa.org)

**November 8, 2023**

ROUND ENGINEERING INC  
10 SEGWUN RD  
WATERDOWN ON L8B 0K6

**Workorder Type:** Registration - Fitting(Conventional)  
**Workorder No:** 14093178  
**Your Reference No.:** R-1830  
**Registered to:** EMCO WHEATON

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 : 0H23376.25**  
Main Design No.: R1830 Rev.0  
Expiry Date: Jul 23, 2033

**-Note: Design registration completed under interprovincial agreement with jurisdictional check only**

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](mailto: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,

Hammad Wasif , M.Eng., P.Eng.  
Engineer, BPV



Tel. : +1 416-734-3441  
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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, Sadettin Santur, Financial Controller  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Emco Wheaton GmbH  
(Name of Manufacturer)

Located at Emcostr. 2-4; 35274 Kirchhain (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 ASME B31.1 & B31.3

(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 which has been verified by the following authority, TuV Hessen

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

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS  
(drawings, calculations, test reports, etc.)

Declared before me at Kirchhain in the State of Hessen

the Jörg van der Felden day of August AD 2023

Commissioner for Oaths: Ralf Luthé  
Rechtsanwalt

Dr. Eva Maria Utschka  
Rechtsanwältin und Notarin  
 Römersstraße 7, 35274 Kirchhain  
 Tel. 06422/34050 Fax 06422/34055  
(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 \_\_\_\_\_.

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

Registered by: \_\_\_\_\_

Dated: \_\_\_\_\_

NOTE: This registration expires on: **2033-JUL-23**

**Technical Standards and Safety Authority**      **Boilers and Pressure Vessels Safety Program**

REGISTERED

C.R.N.: 0H23376.25

Signed: [Signature]

Date: **November 8, 2023.**

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



**Notarielle Beglaubigung  
Der Notarin Dr. Eva Marie Lischka**

Vorstehende, vor mir vollzogene Namensunterschrift

des Herrn **Sadettin Santur**,  
geb. am 23.10.1976,  
geschäftsansässig Emcostraße 2-4, 35274 Kirchhain,  
-ausgewiesen durch Aufenthaltstitel-

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 01. August 2023



Dr. Lischka  
Notarin



**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.

**THIS IS PART OF CRN**  
**0H23376.25**  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety Program