

March 28, 2023

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

The design submission, Tracking Number 2023-01773, Web Portal Number 2023-S1017, originally received on March 20, 2023 was surveyed and accepted for registration as follows:

CRN : 0H23071.2 **Accepted on:** March 28, 2023

Reg Type: NEW DESIGN **Expiry Date:** March 28, 2033

Drawing No. : E2123 3 IN CRN,E2123 3X2 IN CRN Rev A/A

Fitting type: 3"x3" supported Boom Loading Arm

Design registered in the name of : WELDFORCE FABRICATORS LLC

Description	MAWP	Design Temperature	MDMT
3"x3" Loasing Arm	1034kPa	40 °C	-46 °C
3"x2" Loading Arm	1965kPa	40 °C	-46 °C

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

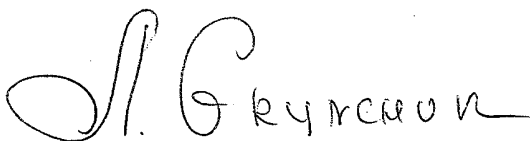
As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- 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 (780) 433-0281 ext 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,





the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

March 28, 2023

CHRISTOPHER MILLER, P. Eng.

DOP Cert. No. D00005217

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

I, Abraham Padilla, Project Manager
(name of applicant) (position title) (must be in a position of authority)
of Weldforce Fabricators, LLC
(name of manufacturer)
located at 14875 Waterloo Dr., Houston, Texas, 77053
(plant address)



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 B31.3 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.	Loading Arm	ASME U	ASME U	11/28/2023	ASME	Houston Texas
2.						

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

[Handwritten Signature]

(Signature of the Declarer)

12/1/2022

(Date)

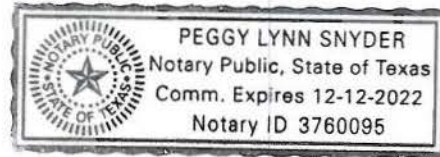
DECLARED before me at HOUSTON in the STATE of TEXAS

this 1ST day of December, 2022

(print) Peggy Lynn Snyder

(sign) Peggy Lynn Snyder

12/12/2022 (expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: STATE OF TEXAS

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 _____.

CRN: _____

Registered Date: _____

Expiry Date: _____

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

2023-01773 ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: CH23071. 2 See acceptance letter for conditions of registration. Date: 2023-03-28 By: Milla Grynychuk, P. Eng. DOP: D00005217

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.

WELDFORCE FABRICATORS, LLC

14875 WATERLOO DR.,
HOUSTON, TEXAS,
77053, UNITED STATES



02-Mar-23

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SCOPE OF CRN REGISTRATION

Product Description	Drawing Number(s)	Design Code	Size Range	Connections
3" x 3" Supported Boom Loading Arm	EMCO WHEATON E2123 3" CRN Rev. A	ASME B31.3, 2020	3" Sch. 40, 3" Sch. 10	ASME B16.5 Flanged - CL300, MNPT
Material Specification	MAWP at MAWT (psig)	MDMT (F)	Corrosion Allowance (in.)	Design Report
ASTM A333-6, ASTM A420-WPL6, ASTM A350-LF2-1 ASTM A312-TP316L ASTM A403-WP316L ASTM A182-316L	1034 Kpa / 150 psig at 40°C / 104°F	-46°C / - 50°F	Carbon Steel = 0.125" Stainless Steel = 0.0313"	R-1795 Rev. 0

Product Description	Drawing Number(s)	Design Code	Size Range	Connections
3" x 2" Supported Boom Loading Arm	EMCO WHEATON E2123 3"x2" CRN Rev. A	ASME B31.3, 2020	3" Sch. 40, 2" Sch. 40, 2" Sch. 10	ASME B16.5 Flanged - CL300, MNPT
Material Specification	MAWP at MAWT (psig)	MDMT (F)	Corrosion Allowance (in.)	Design Report
ASTM A333-6, ASTM A420-WPL6, ASTM A350-LF2-1 ASTM A312-TP316L ASTM A403-WP316L ASTM A182-316L	1965 Kpa / 285 psig at 40°C / 104°F	-46°C / - 50°F	Carbon Steel = 0.125" Stainless Steel = 0.0313"	R-1795 Rev. 0

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