

May 08, 2024

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

The design submission, Tracking Number 2024-01086, Web Portal Number 2024-S0783, originally received on February 26, 2024 was surveyed and accepted for registration as follows:

CRN : 0H25063.52 **Accepted on:** May 08, 2024
Reg Type: NEW DESIGN **Expiry Date:** February 15, 2034
Drawing No. : Scope of Registration As Noted
Fitting type: Loading Arm
Design registered in the name of : SPOOLTECH LLC

Description	MAWP	Design Temperature
As per scope of Registration		

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 3362 or fax (780) 437-7787 or e-mail Blair@absa.ca.

Sincerely,



BLAIR, JODY, P. Eng.
DOP Cert. No. D00010552

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

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

I, Patrick Fox, Director of Sales & Marketing
(name of applicant) (position title) (must be in a position of authority)

of Spooltech, LLC
(name of manufacturer)

located at 9325 Hwy. 6 North, Houston, Texas, 77095
(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	July 31, 2024	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

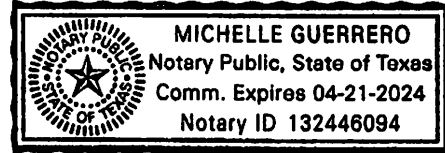
[Signature of the Declarer]

08-07-2023 (Date)

DECLARED before me at Houston in the State of Texas this 7th day of August, 2023

(print) Michelle Guerrero (a Commissioner of Oaths or Notary Public)

(sign) [Signature of Michelle Guerrero] (a Commissioner of Oaths or Notary Public)



04/21/2024 (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

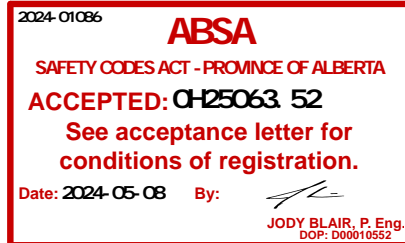
CRN:

Registered Date:

Expiry Date: February 15 2034

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



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

SPOOLTECH, LLC

9325 HWY 6 NORTH
HOUSTON, TEXAS
77095, USA



31-Oct-23

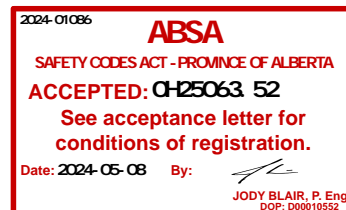
PAGE 1 OF 1

SCOPE OF CRN REGISTRATION

Product Description	Drawing Number(s)	Design Code	Size Range	Connections
4" MYR Link Bottom Loader Arm	EMCO WHEATON E2123 4" CRN Rev. A	ASME B31.3, 2022	4" Sch. 40, 4" Sch. 80	ASME B16.5 Flanged - CL150, TTMA

Material Specification	MAWP at MAWT	MDMT	Corrosion Allowance (in.)	Design Report
ASTM A53-E/B, ASTM A106-B, ASTM A333-6, ASTM A234-WPB, ASTM A420-WPL6, ASTM A105, ASTM A350-LF2-1, ASTM A36, ASTM A516-70N, ASTM A312-TP316L, ASTM A403-WP316L, ASTM A182-F316L, ASTM A240-TP316L, ASTM B241 6063 A96063 T6, ASTM B361 WP6063 A96063 T6, ASTM B209 6061 A96061 T651	150 psig at 150°F / 1034 Kpag at 66°C	-29°C / -20°F for ASTM A53-E/B, ASTM A106-B, ASTM A234-WPB, and ASTM A105. -46°C / -50°F for all other listed materials.	Carbon Steel=0.125" Stainless Steel=0.0625" Aluminum=0.0625"	R-1930 Rev. 0

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



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.