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February 15, 2024

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14165028
Your Reference No.: R-1930
Registered to: SPOOLTECH LLC

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 : 0H25063.5
Main Design No.: Scope of Registration
Expiry Date: Feb 15, 2034

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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Ayesha Chowdhury P.Eng, MASc, PMP
Engineer, BPV
Tel. : +1 437-317-7183
Email : achowdhury@tssa.org



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



STATUTORY DECLARATION

Registration of Fittings

I, Patrick Fox, Director of Sales & Marketing
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Spooltech, LLC
(Name of Manufacturer)

Located at 9325 Hwy. 6 North, Houston, Texas, 77095 281-861-6800
(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 B31.3

(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 ASME U _____ which has been verified by the following authority, ASME

The items covered by this declaration, for which I seek registration, are category H _____ 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

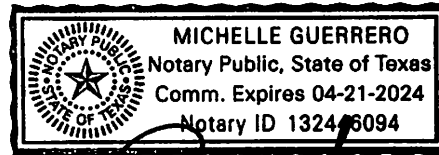
(drawings, calculations, test reports, etc.)

Declared before me at Spooltech LLC in the County _____ of Harris
 the 7th day of August AD 2023.

Commissioner for Oaths:

Michelle Guerrero
(Printed name)

Michelle Guerrero
(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 H.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: **February 15, 2034**

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0H25063.5

Signed: [Signature]

Date: **February 15, 2024.**

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

SPOOLTECH, LLC

9325 HWY 6 NORTH
HOUSTON, TEXAS
77095, USA



31-Oct-23

PAGE 1 OF 1

THIS IS PART OF CRN
0H25063.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

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.