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April 23, 2019

SCOTT ISLIP
ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2532376
Your Reference No.: R-0984D
Registered to: CORROSION RESISTANT PRODUCTS LIMITED

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: 0H21321.5
Main Design No.: DIP TUBES & OUTLETS
Expiry Date: 23-Apr-2029

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

See stamped scope of registration.

The stamped copy of the approved registration and the invoice are mailed separately. 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,

Joel Wilson, P.Eng.
Mechanical Engineer
Boilers and Pressure Vessels Safety Program
Tel: +1-416-734-3431
Fax: +1-416-231-6183
Email: jwilson@tssa.org



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4

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, David MacGregor, Engineering Manager

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Corrosion Resistant Products Limited

(Name of Manufacturer)

Located at Todmorden Road, Littleborough, OL15 9EG, United Kingdom

(Plant Address)

+441706756404

(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 ISO 9001:2015 which has been verified by the following authority, ALCUMUS ISOQAR

The items covered by this declaration, for which I seek registration, are category H - CONNECTORS 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 Littleborough In the County of Lancashire
the 3rd day of January AD 20 19

Commissioner for Oaths:

JOHN PORTER
(Printed name)

[Signature]
(Signature)

JOHN A.C. PORTER LLB
Wrigley Claydon Solicitors
29/33 Union Street
Oldham
OL1 1HH

David MacGregor
(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: OH 21321.5

Registered by: J. WILSON

Dated: APR. 23, 2019

NOTE: This registration expires on APR. 23, 2020

Technical
Standards
and Safety
Authority

Boilers and
Pressure Vessels
Safety Program

REGISTERED

C.R.N.: OH 21321.5

Signed: [Signature]

Date: APR. 23, 2019



CORROSION RESISTANT PRODUCTS LIMITED
TODMORDEN ROAD
LITTLEBOROUGH
OL15 9EG, UNITED KINGDOM

23-Apr-19

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SCOPE OF CRN REGISTRATION

Product Description	End Connection Inlet/Outlet	Drawings	Design Code	Body Material Specification	CRN Design Conditions	Report Number
Dip Tubes	2" ASME BPE Ferrule x M36x3 Straight Connector	S0788 SHT 2 R.1 S0795 SHT 2 R.1 S0796 SHT 4 R.2	ASME B31.3	Hastelloy C276 ASTM B574 UNS N10276, Type 316 Stainless Steel ASTM A479-316	10 barg at 150°C / 145 psig at 302°F	R-0984D-1
Dip Tubes	2" ASME BPE Ferrule x M36x3 Straight Connector	S0809 R.2 S0827 R.1	ASME B31.3	Hastelloy C276 ASTM B574,B619,B622,B626 UNS N10276, Type 316 Stainless Steel ASTM A479-316	10 barg at 150°C / 145 psig at 302°F	R-0984D-2
Heat Exchanger Outlets	1-1/2" ASME BPE Ferrule x 1/4", 1/2" MNPT	S0788 SHT 3 R.1 S0796 SHT 2 R.0 S0801 SHT 1 R.0	ASME B31.3	Hastelloy C276 ASTM B574,B619,B622,B626 UNS N10276,	10 barg at 150°C / 145 psig at 302°F	R-0984D-3

Note 1) The ASME BPE Ferrule connections shall be used with a clamp, however the assembly clamp is not part of this CRN. Pressure-Temperature ratings may be limited by the clamp type used in the joint assembly. The clamp used to complete the joint shall have its own CRN and shall have pressure-temperature ratings the same or higher than the product ratings.

THIS IS PART OF
CRN 0421321.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program