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May 2, 2023

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 8283763
Your Reference No.: R-1824
Registered to: WASTECH CONTROLS & ENGINEERING, INC.

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 : 0H24242.5ADD2

Main Design No.: Scrubber Acid Distribution Skid, Scrubber Caustic Distribution Skid and Bleach Distribution Skid per Scope of Registration attached to the Statutory Declaration

Expiry Date: Oct 20, 2032

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,

Zivko Gacevic , P. Eng.
Engineer, BPV
Tel. : +1 416-734-3429
Email : zgacevic@tssa.org



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

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

of Wastech Controls & Engineering, Inc.
(Name of Manufacturer)

Located at 20600 Nordhoff Street, Chatsworth, CA, 91311, USA 1-818-998-3500
(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 ISO 9001:2015 which has been verified by the following authority, ABS Quality Evaluations

The items covered by this declaration, for which I seek registration, are category H - Tank Piping 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 Chatsworth, CA in the Los Angeles County of CA
 the 2nd day of March AD 2023.

Commissioner for Oaths:

ADILA KHAN
(Printed name)

See attachment
(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: Oct. 20, 2032

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0H24242.5ADD2

Signed: [Signature]

Date: May 2, 2023.

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

Note: See attached documents for Scope of Registration

WASTECH

CONTROLS & ENGINEERING, INC.
 20600 NORDHOFF STREET
 CHATSWORTH, CA
 91311, USA



THIS IS PART OF CRN
 0H24242.5ADD2

Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety
 Program

16-Feb-23

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SCOPE OF CRN REGISTRATION

| Product Description | Drawing Numbers | Design Code | Pipe / Tube Material | Pipe / Tube Size Range | Maximum MAWP at MAWT (psig) | MDMT | Design Report No. |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------|-------------------|
| Scrubber Acid Distribution Skid (221-161-4101) | General Arrangement 221161-MG-4101 Rev. 1, 221161-MG-4102 Rev. 1, 221161-MG-4103 Rev. 1, 221161-MA-4116 Rev. 0, CRN Rated Lines 221161-MA-4104 221161-MA-4109 221161-MA-4110 221161-MA-4116 | ASME B31.3 2020 ed. | Polypropylene PPR Grey as manufactured by AGRU | 1/2" SDR11 (20 mm OD x 1.9 mm wall thk.), 1" SDR 11 (32 mm OD x 2.9 mm wall thk.) | 21 psig (2.28 barg) at 75°F (24°C) | 50°F / 10°C | R-1841A Rev. 0 |
| | | | PFA (Perfluoroalkoxy) in accordance with ASTM D6867 and ASTM D3307. | 1" x 0.062" wall thk., | | | |
| Scrubber Caustic Distribution Skid (221-161-5101) | General Arrangement 221161-MG-5101 Rev. 1, 221161-MG-5102 Rev. 1, 221161-MG-5103 Rev. 1, 221161-MA-5118 Rev. 0, CRN Rated Lines 221161-MA-5104 221161-MA-5108 221161-MA-5110 221161-MA-5111 | ASME B31.3 2020 ed. | Polypropylene PPR Grey as manufactured by AGRU | 1/2" SDR11 (20 mm OD x 1.9 mm wall thk.), 1" SDR 11 (32 mm OD x 2.9 mm wall thk.) | 21 psig (2.40 barg) at 75°F (24°C) | 50°F / 10°C | R-1841B Rev. 0 |
| Bleach Distribution Skid (221-161-6101) (221-161-6102) | General Arrangement 221161-MG-6101 Rev. 1, 221161-MG-6102 Rev. 1, 221161-MG-6103 Rev. 1, 221161-MG-6201 Rev. 1, 221161-MG-6202 Rev. 1, 221161-MG-6203 Rev. 1, 221161-MA-6110 221161-MA-6208 221161-MA-6209 CRN Rated Lines 221161-MA-6101 221161-MA-6204 221161-MA-6207 221161-MA-6208 | ASME B31.3 2020 ed. | PFA (Perfluoroalkoxy) in accordance with ASTM D6867 and ASTM D3307. | 1/2" x 0.062" wall thk., 1" x 0.062" wall thk., | CRN Rated Line 221161-MA-6204 221161-MA-6207 221161-MA-6208 15.38 psig (1.04 barg) at 75°F (24°C) | 50°F / 10°C | R-1841C Rev. 0 |
| | | | CPVC-FKM Valve Assembly | | | | |

WASTECH

CONTROLS & ENGINEERING, INC.
20600 NORDHOFF STREET
CHATSWORTH, CA
91311, USA



16-Feb-23

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SCOPE OF CRN REGISTRATION

Notes:

- 1) MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Material Temperature
- 2) Environmental and/or service conditions may effect the short term and long term strength of Polypropylene and PFA. Suitability for service of Polypropylene and PFA is the responsibility of the user and/or piping designer.
- 3) Precautions should be taken to safeguard the pipe against excessive shock, vibration, pulsation and mechanical abuse.
- 4) Personnel or companies installing these products shall follow the applicable jurisdiction requirements in the Province/Territory that the product is installed.

THIS IS PART OF CRN
OH24242.5ADD2
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program