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www.tssa.org

March 31, 2023

ROUND ENGINEERING INC 10 SEGWUN RD WATERDOWN ON L8B 0K6

Workorder Type: Registration - Fitting(Conventional) Workorder No: 8242987 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 : 0H24242.5ADD1 Main Design No.: Decon Distribution Skid, CIP Caustic Distribution Skid and CIP Acid 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,

Los Zur

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

Putting Public Safety First 🔳





## STATUTORY DECLARATION Registration of Fittings

	I, Serge Saatejian, Vice President								
(Name and Position, e.g. President, Plant Manager, Chief Engineer)									
of <u>Wastech Controls &amp; Engineering</u> , Inc.									
(Name of Manufacturer)									
Located at	-818-998-3500								
(Piant Address) (Te	elephone No.) (Fax No.)								
do solemnly declare that the fittings listed hereunder, which are subject to the <b>Technical Standards and Safety Act</b> , 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 <u>ISO 9001:2015</u>									
which has been verified by the following authority, <u>ABS Quality Evaluations</u>									
The items covered by this declaration, for which I seek registration, are category <u>H - Tank Piping</u> type fittings. In support of									
SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS	this application, the following information and/or test data are attached as follows:								
(drawings, calculations, test reports, etc.)									
Declared before me at Chatsiconth in the Los Angeles Carly of Californic,									
the day of January AD 2023. ADILA KHAN Notary Public - California									
the day of $\bigcirc anual AD 20 \angle \bigcirc$ .	Notary Public - California								
the day of <u>Canady</u> AD 20 <u>22</u> . Commissioner for Oaths:	Notary Public - California Los Angeles County								
Commissioner for Oaths:	Notary Public - California								
Commissioner for Oaths:	Notary Public - California Los Angeles County								
Commissioner for Oaths:	Notary Public - California Los Angeles County								
Commissioner for Oaths:	Notary Public - California Los Angeles County								
Commissioner for Oaths: <u>ADILA KHAN</u> (Printed name) <u>See attachmen</u>	Notary Public - California Los Angeles County Commission # 2311097 My Comm. Expires Oct 31. 2023 (Signature of Declarer) Technical Boilers and								
Commissioner for Oaths: ADILA KHAN (Printed name) See attachmed (Signature) FOR OFFICE USE ONLY To the best of my knowledge and belief, the application meets the requirements of the	Notary Public - California Los Angeles County Commission # 2311097 My Comm. Expires Oct 31. 2023 (Signature of Declarer) Technical Standards Boilers and Pressure Vessels								
Commissioner for Oaths: ADILA KHAN (Printed name) Ce attachmed (Signature) 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	Notary Public - California Los Angeles County Commission # 2311097 My Comm. Expires Oct 31. 2023 (Signature of Declarer) Technical Standards and Safety Safety Program								
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Commissioner for Oaths: ADILA KHAN (Printed name) See attachmed (Signature) 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 CategoryH'	Notary Public - California Los Angeles County Commission # 2311097 My Comm. Expires Oct 31. 2023 (Signature of Declarer) Technical Standards and Safety Authority REGISTERED C.R.N.: 0H24242.5ADD1								
Commissioner for Oaths:	Notary Public - California Los Angeles County Commission # 2311097 My Comm. Expires Oct 31. 2023 (Signature of Declarer) Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program								

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

PV 09553 (04/17) Note: See attached Scope of Registration.

## WASTECH

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



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## SCOPE OF CRN REGISTRATION

Product	Drawing		Pipe / Tube	Pipe / Tube	Maximum MAWP		Design
Description	Numbers	Design Code	Material	Size Range	at MAWT (psig)	MDMT	Report No.
Decon	General Arrangement	ASME B31.3	Polypropylene PPR Grey	1/2" SDR11 (20 mm OD	35 psig (2.40 barg)	50°F /	R-1824B
Distribution	221161-MG-1101 Rev. 1,	2020 ed.	as manufactured by AGRU	x 1.9 mm wall thk.),	at 75°F (24°C)	10°C	Rev. 0
Skid	221161-MG-1102 Rev. 1,			1" SDR 11 (32 mm OD			
	221161-MG-1103 Rev. 1,			x 2.9 mm wall thk.)			
(221-161-1101)	,						
	CRN Rated Lines						
	221161-MA-1104						
	221161-MA-1107						
	221161-MA-1109						-
CIP Caustic	General Arrangement	ASME B31.3	Polypropylene PPR Grey	1/2" SDR11 (20 mm OD	35 psig (2.40 barg)	50°F /	R-1824A
Distribution	221161-MG-2101 Rev. 2,	2020 ed.	as manufactured by AGRU	x 1.9 mm wall thk.),	at 75°F (24°C)	10°C	Rev. 0
Skid	221161-MG-2102 Rev. 2,			1" SDR 11 (32 mm OD			
(004 464 0404)	221161-MG-2103 Rev. 2,			x 2.9 mm wall thk.)			
(221-161-2101)	221161-MA-2115 Rev. 0,						
	CRN Rated Lines						
	221161-MA-2104						
	221161-MA-2108						
	221161-MA-2110						
CIP Acid	General Arrangement	ASME B31.3	Polypropylene PPR Grey	1/2" SDR11 (20 mm OD	35 psig (2.40 barg)	50°F /	R-1824A
Distribution	221161-MG-3101 Rev. 1,	2020 ed.	as manufactured by AGRU	x 1.9 mm wall thk.),	at 75°F (24°C)	10°C	Rev. 0
Skid	221161-MG-3102 Rev. 1,			1" SDR 11 (32 mm OD			
	221161-MG-3103 Rev. 1,			x 2.9 mm wall thk.)			
(221-161-3101)	,						
	CRN Rated Lines						
	221161-MA-3104						
	221161-MA-3108						
	221161-MA-3110						

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. Suitability for service of Polypropylene 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 0H24242.5ADD1

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

27-Jan-23