



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

May 23, 2023

ROUND ENGINEERING INC
10 SEGWUN RD
WATERDOWN ON L8B 0K6
CANADA

Workorder Type: Registration - Heat Exchanger (Conventional)

Workorder No: 8272247

Your Reference No.: Z8119.2 - R-1854 - 1510-08-060-048 Rev. 1 - NATIONAL SERVICE

Registered to: API HEAT TRANSFER

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 : Z8119.25

Main Design No.: 1510-08-060-048 REV 1

Notes:

- "Design registration completed under interprovincial agreement with jurisdictional check only".
- Acceptance is based on the nozzles not passing through the weld seam and with:
tube expansion depth ratio of 0.86", gasket OD of 9.625" and DI of 8.875".
- Exposed inside edges shall be chamfered or rounded per UG-76-C.
- This design is registered without a User Design Requirements form (UDR) based on the understanding that the conditions listed in U-2(a)(2) are not applicable.
- This heat exchanger design has been evaluated for mean metal temperature of 86° F (Shell Side) and 91.8° F (Tube Side). It shall be reevaluated for conditions outside this range before being operated at them. The above notes shall be listed on form U-5 of the MDR. This vessel may not be pressurized when its temperature is colder than -7 [deg.C]. This note to appears on MDR.

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 Work Order number provided above.

Yours truly,

Amir Hariri P.Eng.
Engineer, BPV
Tel : . +1 416-734-3461
Email : ahariri@tssa.org