

ATTN: SCOTT ISLIP -
ROUND ENGINEERING INC.
10 SEGWUN ROAD
WATERDOWN ON L8B 0K6**Date:** 21-Oct-2024
TSBC Account #: 062478
TSBC Admin Number: 111720
Canadian Registration Number: L4362.1**Re: Application for Design Registration**

The design, as detailed in your Design Portal application R-2117 API for a Heat Exchanger is registered with the following notes and considerations:

Registered To: API Heat Transfer
Project Name: R-2117 API
Drawing No.: 1555-03-014-029
Drawing Revision: 0**Design Details Summary:**

	MAWP (kpag)	MAWT (deg C)	MDMT (deg C)
Side A	1655	149	-6.70
Side B	896	149	-6.70

Conditions of Registration:

- 1- Shell Side Fluid Medium: Hot Oil
- 2- Tube Side Fluid Medium: Water
- 3- Only whole numbers shall be used for specifying pressure and temperature ratings on nameplates
- 4- This design is registered based on the Qualified Professional Declaration of Compliance under the seal of Scott Islip, P.Eng (PEO, License #90437112), which stipulates that the Professional Engineer (a) has reviewed this design, (b) is satisfied that it is in compliance with identified technical Codes and Standards, and (c) has accepted responsibility for the design.

Reviewer's Notes:

Design Conditions [Imperial Units]:

	MAWP	MAWT	MDMT
Side A	240 psi	300 F	20 F
Side B	130 psi	300 F	20 F

Full details of this submission including the scope of registration, design conditions, fabrication details, and calculations pertaining to this design are located in the above Admin Number on the Design Portal. For all other enquiries, please contact eim@technicalsaftybc.ca.