

REGISTRATION OF A BOILER OR PRESSURE VESSEL DESIGN

14-Nov-23

Round Engineering Inc.
10 Segwun Rd.
Waterdown, Ontario
L8B 0K6

Attention: Scott Islip

File Number: 63831 [0V]

Re: Manufacturer: API Heat Transfer
Item: Fixed Tube Heat Exchanger
Drawing Number: 1511-05-024-001 Rev. 10

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations. The Canadian Registration Number (CRN) is:

C0064.3

This item was registered with the following design conditions:

MAWP (Shell side):	2068 kPa	Design Temp (Shell side):	149 °C
MAWP (Tube side):	1034 kPa	Design Temp (Tube side):	149 °C
MDMT:	-7 °C	Corrosion Allowance:	1.5 mm

Please note that every piece of equipment must be constructed in strict accordance with the registered design.

In addition to stamping every unit with the CRN given, and as required in CSA B51, a Manufacturer's Data Report shall be forwarded to this office at the time the unit is shipped. The Manufacturer's Data Report form is available on the TSASK website at www.tsask.ca.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Williams Uju, P.Eng.
Codes and Standards Compliance

Remarks:

The heat exchanger has been accepted for registration by TSASK based on the specific design conditions which provide the shell and tube mean metal temperatures as identified in the design condition table on the drawing. This condition must be listed on Form U-5 of the MDR.

This exchanger must be reevaluated before it is operated at any different conditions. Such evaluation records (detailed calculations) must be permanently kept on file with the owner/user of this heat exchanger and be readily available upon request by an A.I. This note must appear on the MDR.