

REGISTRATION OF A BOILER OR PRESSURE VESSEL DESIGN

May 23, 2024

Round Engineering Inc.
10 Segwun Road
Waterdown, ON
Canada
L8B 0K6

Attention: Scott Islip

File Number: 100935

Re: Manufacturer: API Heat Transfer
Item: Air After-Cooler
Drawing Number: 1572-12-132-000 Rev. 2

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:

A4835.3

This item was registered with the following design conditions:

MAWP (Shell Side): 1034 kPa	Design Temp (Shell Side): 93 °C
MAWP (Tube Side): 2413 kPa	Design Temp (Tube Side): 149 °C
MDMT: -6.7 °C	Corrosion Allowance: 1.6 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:

As per the drawing, the conditions listed in U-2(a)(2)(a) are not applicable. Therefore, this design has been registered without a User's Design Requirements form.

The heat exchanger shall be marked with a caution as per UHX-19.2.2.

This heat exchanger design is governed by design conditions, only.

The rupture discs, item #s 13 & 14, are not within the scope of this registration.

There is no corrosion allowance on component parts made of non-carbon steel materials.