

April 18, 2018

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

Email: tfrancis@tssa.org

The design submission, tracking number 2018-02051, originally received on April 02, 2018 was surveyed and accepted for registration as follows:

CRN : R4731.52

Accepted on: April 18, 2018

Reg Type: NEW DESIGN

Drawing No. : 1510-08-036-022 Rev 1 As Noted

Design registered in the name of : API HEAT TRANSFER

Description	MAWP	Design Temperature	MDMT
TS Internal Pressure	1034kPa	149 °C	-7 °C
SS Internal Pressure	2068kPa	149 °C	-7 °C

The registration is conditional on your compliance with the following notes:

- This heat exchanger design has been evaluated with mean metal temperature of 144.5[deg. F] (Shell Side) and 104.4[deg.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.

- Please note that this vessel may not be pressurized when its temperature is colder than -7 [deg.C], this note to appear on MDR.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3335 or fax (780) 437-7787 or e-mail dedovic@absa.ca.

Sincerely,



DEDOVIC, BLAZO, M. Eng.
DOP Cert. No. D00005642