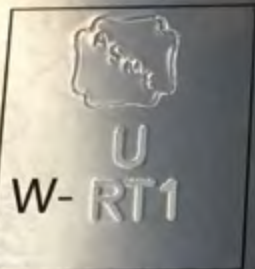


NE 4319

Manufactured & Certified by  
**HEAT EXCHANGER DESIGN, INC.**

Indy USA



Shell Side 485 PSI @ 410 °F

Tube Side 630 PSI @ 410 °F

Maximum Allowable Working Pressure

Serial Number

4565B3

Shell Side FV PSI @ 410 °F

Tube Side FV PSI @ 410 °F

Maximum Allowable External Working Pressure

Hydro Test Pressure

631/ 819

Shell Side / Tube Side

Shell Side -20 °F @ 485/FV PSI

Tube Side -20 °F @ 630/FV PSI

Minimum Design Metal Temperature

Customer: MEG ENERGY CORP.

P.O.#: P-5330-01

CRN: W9505.2

Service: HP BFW MIN FLOW RECYCLE COOLER

Item: 3A-E-397C

Year Built: 2017

Manufactured & Certified by  
**HEAT EXCHANGER DESIGN, INC.**



Serial Number

**4565B3**

Hydro Test Pressure

**4351 / 5647**

Shell Side / Tube Side

Shell Side **3344/FV** Kpa @ **210** °C

Tube Side **4344/FV** Kpa @ **210** °C

Maximum Allowable Working Pressure

Shell Side **-29** °C @ **3344/FV** Kpa

Tube Side **-29** °C @ **4344/FV** Kpa

Minimum Design Metal Temperature