

Data Required for Selection of a Heat Exchanger

ASME: yes/no

Date: _____

TEMA class: C / B / R / Not Required

Type: _____

Applicable codes: _____ (CRN / ABS / PED and etc)

(Plate & Frame, Brazed Plate & Frame)

| | | Hot side | Cold side |
|--|---|----------|-----------|
| 1 | Inlet pressure (psig) | | |
| 2 | Fluid Circulated (eg. Water, steam, oil ISO VG 68) | | |
| 3 | Flow rate (GPM or lb/hr) | | |
| 4 | Temperature in/out (°F) | / | / |
| 5 | Heat load (Btu/hr) | | |
| 6 | Allowable pressure drop (psi) | | |
| 7 | Fouling factor | | |
| Fluid Physical Properties: (only required for unusual fluids) | | | |
| 8 | Specific Gravity | | |
| 9 | Specific Heat (BTU/lb-°F) | | |
| 10 | Viscosity (cP) | @ °F | @ °F |
| 11 | Thermal Conductivity (BTU/hr-°F-ft ² /ft) | | |

Special Requirements/Notes:
