

PEOH Standard Oil Line Heaters

The range of standard oil line heaters are designed to offer improved delivery times, ease of maintenance and reduced costs. The design uses thyristor control systems *, ensuring process fluid is heated to the correct temperature. All heaters use elements that are sealed to prevent moisture ingress, and can be individually replaced on site without the need for special tools.



FEATURES

- Certified for Zone 1 hazardous areas or Class I, Div 1 and 2
- Temperature classes T3 to T6
- Available in 6" to 36" vessel sizes
- 2 element sensors per stage as standard
- Spare elements installed as standard
- Designs in accordance with ASME VIII, PD5500, EN13445 or AS1210
- Available with optional ASME U 'Code' Stamp, NORSOK compliance, NACE MR0175 and/or PED

TYPICAL APPLICATIONS

- Heat transfer oils
- Fuel forwarding
- Fuel separation
- Pipelines
- Fuel oils
- Crude oils
- Lubricating oils
- Oil pre-heating

* Used in combination with an EXHEAT thyristor control panel, full control over varying flow and temperature conditions is guaranteed with full accuracy.



Hazardous Area Electrical Process Heaters & Control Solutions

Vessel Design Codes	ASME VIII, PD5500, EN13445 or AS1210 Optional ASME U 'Code' Stamp, NORSOK Compliance, NACE MR0175 and/or PED
Vessel Materials	Carbon steel Stainless steel
Elements	Alloy 800 Stainless steel 321 Alloy 825 Can be customised to client's specifications
Internals	Elements are supported in a cut segmental baffle assembly, and are designed and calculated in accordance with TEMA
Element to Tubesheet	Elements are fixed to support plate via stainless steel compression fittings
Voltage	Up to 690V (CSA up to 600V)
Rating	Up to 2500kW
Temperature Capacity	Up to +150°C
Pressure Capacity	40 barg