

Checklist Heating Circuit Calculation for loading arms



Client: Address:
Person:
Tel. / Fax: E-Mail:

Electrical trace heating for loading arms

Medium: Full system/empty system

If possible, give us a product safety data sheet of the medium which will be loaded or unloaded.

Heating in empty/full system:

Pipe Lengths: m
Pipe Diameter: mm
Pipe Material:
 Steel VA
Number of swivel joints: pc.
Maintain Temperatur: °C
Work-area: From °C
To °C
Classification*): critical uncritical
External temperature: max °C
Ambient temperature: min °C
Disconnection coupling: Yes, heated after the disconnect
 No, after the disconnect is not heated
Swivel Joints:
 Shall be heated
 Shall not be heated

Heat up Time: hours
Voltage: V Hz
EX-Area: Yes, Zone
T-Class/max. Surface Temperature:
 No
Approvals:

The holding temperature is a theoretic value, due to the control circuit, the temperature at the loader fluctuates. Therefore, it is absolutely necessary to specify a permissible operating range for the heating.

Insulation: Pro Therm / On the customer side
Insulation outer sheath: aluminum / stainl.st.
galvanized
Insulation material: mm
Specification insulation:

Control / regulation

Regulation *): Thermostats direct switching PT100 on terminal Electronic controllers
Temperature display: Digital display Pointer no display
Number of heating circuits *): pc.

*) When selecting these details, we would be happy to assist you with our many years of experience.

Additional Remarks: