

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

Heat up Time: hours

Pipe Diameter: mm

Voltage: V Hz

Pipe Material:

EX-Area: Yes, Zone

Steel VA

T-Class/max. Surface Temperature:

No

Number of swivel joints: pc.

Approvals:

Maintain Temperatur: °C

Work-area: From °C
To °C

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.

Classification*): critical uncritical

External temperature: max °C

Insulation: Pro Therm / On the customer side

Ambient temperature: min °C

Insulation outer sheath: aluminum stainl.st.

Disconnection coupling: galvanized

Yes, heated after the disconnect
 No, after the disconnect is not heated

Insulation material: mm

Specification insulation:

Swivel Joints:
 Shall be heated
 Shall not be heated

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: