



## Project Trace Heating (Pipework)

### Project/Application Data

Customer \_\_\_\_\_ Date \_\_\_\_\_  
 Contact Name \_\_\_\_\_ Email \_\_\_\_\_  
 Project Ref \_\_\_\_\_ Phone \_\_\_\_\_

### Application Type

Frost protection     Temperature maintenance     Static heat-up    Required time (h)   
 Dynamic heat-up

### Temperatures

Maintenance temperature required .....> (°C)     Start (°C)   
 Ambient temperature of pipe .....> Min (°C)     Max (°C)   
 Normal process temperature of contents .....> (°C)   
 Max pipe temperature .....> (°C)   
 Max temperature allowed by fluid .....> (°C)   
 Steam cleaning .....> Steam temperature (°C)

### Insulation

#### Material

Calcium Silicate     Cellular Glass  
 Fibreglass     Foam  
 Polyurethane     Rockwool  
 Thickness (mm)   
 K Factor (W/mK)

### Pipe Material

Carbon Steel     Stainless Steel     Plastic     Copper     Other  (Please specify)

### Hazardous Area

Zone 1     Zone 2     Non Hazardous

### Location

Indoors     Outdoors

### Hazardous Class

T1     T2     T3     T4     T5     T6

### Electric Data

Power Supply (Please specify)  
 110V     230V     400V     Other

### Pipe/Equipment Info

Pipe Diameter	Length (m)	Insulation Thickness (mm)	Supports (type & qty)	Valves (type & qty)	Flanges (qty)

### Heat-up

Specific heat (J/KgK) container     Specific heat fluid (J/KgK at T)   
 Latent heat of fusion (J/KgK at T)     Flow rate (l/min)   
 Latent heat of vaporisation (J/KgK at T)   
 Density fluid (Kg/m3)     Total weight fluid (Kg/m3)