

Temperature Maintenance of Tank

Company:

Customer:

Responsible person: (name, surname):

Contact details: (phone)

(e-mail)

Project:

Project name:

Project location:

Application Type:

Temp Maintenance:

Heat Raise:

Heat Raise Details:

Fluid Material:

Percentage Full:

Heat up Temperature ($^{\circ}$ C): from:

to

Heat Raise Time (hrs):

Design Conditions:

Voltage (V):

Min Ambient ($^{\circ}$ C):

Max Ambient ($^{\circ}$ C):

Start-Up Temp ($^{\circ}$ C):

Wind Speed (m/s):

Hazardous Area:

EX Zone:

T Class:

Evaporation of tank:

Max vapour temperature ($^{\circ}$ C):

Circuit determination & Control

Circuit Determination:

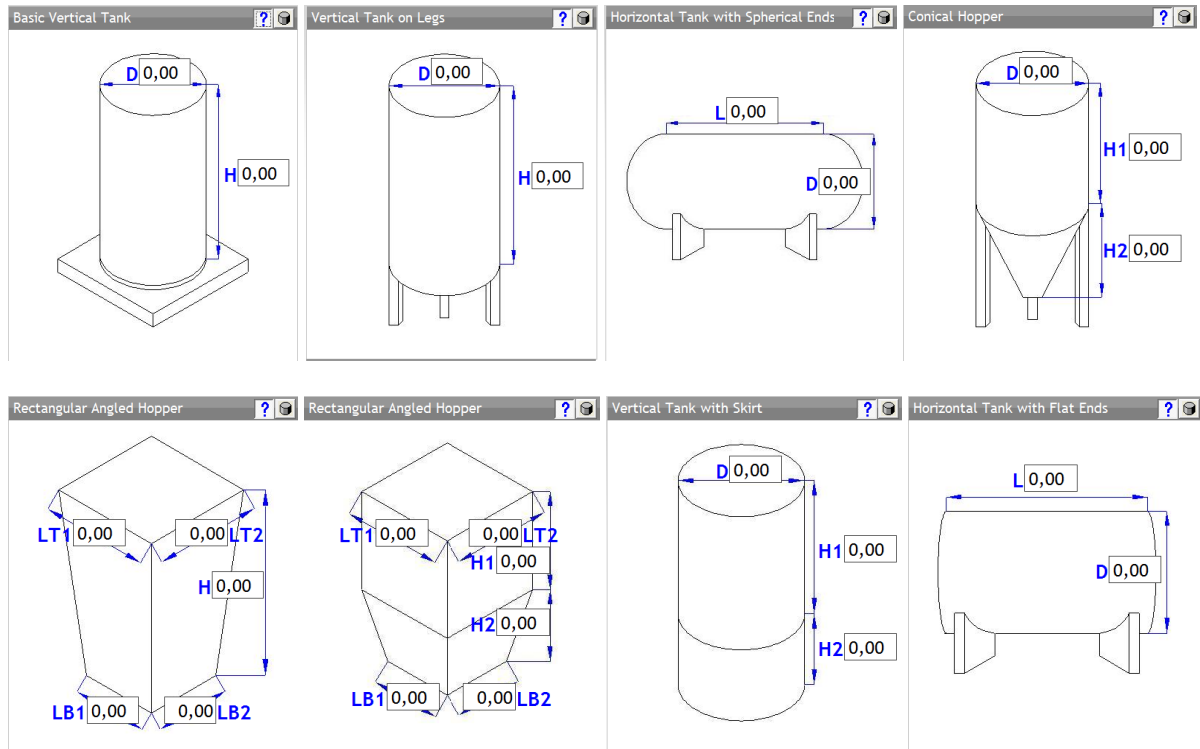
Circuit Breaker Size (A):

Use Multiple 3 Phase Supplies:

Junction Box Entries:

Type of designed heating cable:

Tank Design



Tank Dimensions

Diameter D (m):
 Length L (m):
 Dimensions LT1 (m):
 Dimensions LT2 (m):
 Dimensions B1 (m):
 Dimensions LB2 (m):
 Height H (m):
 Height H1 (m):
 Height H2 (m):

Tank Material:

Stainless Steel 316
 Stainless Steel 340
 Copper
 NanoSteel NSB C1

Monel- nickel-copper alloy
 Carbon Steel
 Fiber reinforced plastic
 Other (Thermal Conductivity - W/m K)

Tank Position:

Indoor
 Outdoors Sheltered

Outdoors Exposed

Tank Position:

Closed

Open

COMFORT HEAT

Tank Properties

Tank Insulation:

Bare

Fully Insulated

Partially Insulated

Insulation Type:

Insulation Thickness (mm):

Insulation Height on Tank (m):

Top / End Insulated:

Bare

Insulated

Other Considerations

Number of Manholes (pcs):

Manhole Diameter (m):

Manhole Insulated:

Bare

Insulated

Walkways/Ladders (pcs):

Other Considerations

Height of Heated Area of Tank (m):

Number of heating zones:

System control type

Control type:

Additional information:

Responsible person

(Name, Surname)

(Signature)

(Date)