

Project Planning Hopper Cone and Silo Heating Systems

Project Planning

Hopper Cone and Silo Heating Systems

2

1. General Information

1.0	Quotation for company	_____	
1.1	Street / P.O. Box	_____	
1.2	Country/Post Code/City	_____	
1.3	Phone	_____	
1.4	Fax	_____	
1.5	Editor	Dep. _____	Extension _____
1.6	Quotation date	_____	
1.7	Owner of plant	_____	
1.8	Address	_____	
1.9	Editor	Dep. _____	Extension _____

2. Hopper Cone and Silo Information

2.0	Number of hopper cone and silos	piece	_____
2.1	Material	m	_____
2.2	Wall thickness	mm	_____
2.3	Measures of hopper cone and silos (please attach drawings)	m	_____
2.4	Total surface for each hopper cone / silo	m ²	_____
2.5	Height to be heated	m	_____
2.6	Surface to be heated	m ²	_____
2.7	Desired wattage	kW/m ²	_____
2.8	Insulation		_____
2.9	Insulation material		_____
2.10	Insulation thickness	mm	_____
2.11	Coefficient of thermal conductivity of insulation	kJ/kgK	_____
	Please indicate in case of temperature rise:		
2.13	Spec. heat of the hopper cone material	kJ/kgK	_____
2.14	Weight of hopper cone wall	kg	_____

3. Product Information

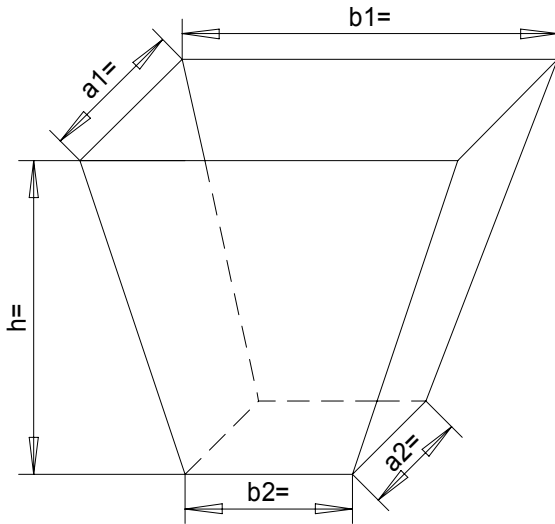
- 3.0 Product _____
- 3.1 Desired constant temperature °C _____
- 3.2 Max. ambient temperature °C _____
- 3.3 Min. ambient temperature °C _____
- 3.4 Wind speed m/s _____
- 3.5 Temperature of flue gas °C _____
- 3.6 Temperature deviation _____ up to _____ °C _____
- 3.7 Temperature Rise of hopper cone/silo wall**
- A. Starting temperature °C _____
- B. Final temperature °C _____
- C. Desired period of temperature rise h _____

4. Electrical Data

- 4.0 Existing voltage V _____ Hz _____
- 4.1 Installation in hazardous area yes no
- if yes, temperature class T _____
- 4.2 Certificates and Approvals**
- VDE _____
- PTB _____
- TÜV _____
- Others _____

5. Additional Information

Space for additional remarks, drawings, information:



Number of:

Riddle

Control door
