

# Project Planning Hopper Cone and Silo Heating Systems

### 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 <sup>2</sup>	_____
2.5	Height to be heated	m	_____
2.6	Surface to be heated	m <sup>2</sup>	_____
2.7	Desired wattage	kW/m <sup>2</sup>	_____
2.8	Insulation		_____
2.9	Insulation material		_____
2.10	Insulation thickness	mm	_____
2.11	Coefficient of thermal conductivity of insulation	kJ/kgK	_____
	<b>Please indicate in case of temperature rise:</b>		
2.13	Spec. heat of the hopper cone material	kJ/kgK	_____
2.14	Weight of hopper cone wall	kg	_____

**3. Product Information**

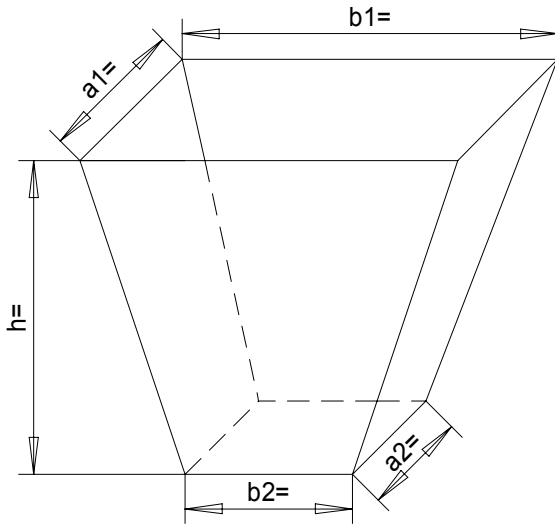
3.0	Product			
3.1	Desired constant temperature	°C		_____
3.2	Max. ambient temperature	°C		_____
3.3	Min. ambient temperature	°C		_____
3.4	Wind speed	m/s		_____
3.5	Temperature of flue gas	°C		_____
3.6	Temperature deviation _____ up to _____	°C		_____
<b>3.7</b>	<b>Temperature Rise of hopper cone/silo wall</b>			
	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	<input type="checkbox"/>	no	<input type="checkbox"/>
	if yes, temperature class			T	_____
<b>4.2</b>	<b>Certificates and Approvals</b>				
	VDE				_____
	PTB				_____
	TÜV				_____
	Others				_____

5. Additional Information

Space for additional remarks, drawings, information:



Number of:

Riddle

Control door

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