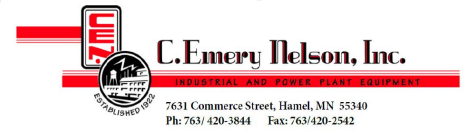


# SIZING FORM: EXPLOSION PANELS AND FLAMELESS VENTS

(In accordance with NFPA 68)



Company name:

### Required information

Dust or gas media			
Protection required			Specify "explosion panel only" or "flameless vent"
Curved or flat surface			State whether the vessel or pipework is flat or curved
	Value	Units	
Po			Normal operating pressure
Pstat			Pressure the vent will open at
Pred			Max. pressure in a vented enclosure during a vented deflagration
Cycling			Will the pressure or temperature fluctuate during operation?
Vacuum requirement			Negative pressure
Duct length			

### Dust values

Dust Type		
Kst		bar-m/s
Pmax		barg

### Gas values

Gas Type/Composition		
Su		cm/s
Pmax		barg

### Vessel dimensions

Please supply a drawing of the vessel to be protected, complete with dimensions

If a curved panel or flameless vent is required, please provide the curve radius specifications

