

Engineering &
Industrial
Instrumentation

CMC TECHNOLOGIES

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Unit 19, 77 Bourke Road,
Alexandria, NSW, 2015
AUSTRALIA

CMC (T&B Electronic) Spark Extinguishing Application Data Sheet

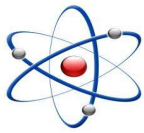
Customer: _____ Contact Person: _____
Street: _____ (Tel and Email) _____
City/Post Code : _____ Country : _____ Site Details/Type _____

1.0 Application Description: Explain the Risk and what is needed to be protected:

1.1 Provide a Sketch/Drawing PID of the process showing all ducts (their duct diameters) , bends, distances, fans, filters and vessels and show how everything is connected from all suction points to the explosion ignition zone eg Filter. Show what equipment and ducting is indoors and what is outdoors

1.2 Advise the minimum and maximum Velocity in each duct m/sec and label on the drawing/sketch above

1.3	Minimum Process Pressure	Maximum Process Pressure
1.4	Minimum Process Temperature	Maximum Process Temperature
1.5	Minimum Ambient Temperature	Maximum Ambient Temperature
1.6	Name of Products being Conveyed	
1.7	Dust/Product maximum concentration (g/m ³)	
1.8	Product Particle Size range	



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1.8 Existing Extinguishing water supply data:

Will you be able to provide at least 5 bar of continuous water pressure at the water extinguishing nozzles? If not, should we quote for a water pressure boosting system or will you be providing this?

Water pressure: _____ bar

Water tank: _____ Litre

Extinguishing agent: _____

1.9 Location of Spark detection console/control unit and distance to detectors.

2.0: Voltage AC/DC Frequency

2.1 Hazardous Area Zonng (if any):

2.2 Location of Pressure booster system: _____

2.3 Location of Heating tape control panel if needed : _____

Other Information:

- | | | |
|---|--------------------------|-------|
| 3.1 Spark detection console - Quantity | ☐ | _____ |
| 3.2 Spark detectors / Detection Zones | ☐ | _____ |
| 3.3 Extinguishers and flow switch | ☐ | _____ |
| 3.4 Pressure switches | ☐ | _____ |
| 3.5 Pressure booster system / Water tank | ☐ | _____ |
| 3.6 Pipe heating system | ☐ | _____ |
| 3.7 Alarm horn / Flash light | ☐ | _____ |
| 3.8 Alarms to central fire alarm system or fire department: | ☐ | _____ |

Documentation

- ☐ Mounting Instructions
- ☐ Connection Diagrams
- ☐ Instruction Manual
- ☐ Operating Manual

Date

Name

Signature