



CINDER SCHEMATIC LLP

FIRE LINE DO NOT CROSS

COMPANY PROFILE

Cinder Schematic LLP is a proud Indian Company that offers a comprehensive range of fire fighting solutions through a vast network of distributors worldwide. Manufactured in our own state-of-the-art facilities, this allows us the flexibility to produce products that cater to specific needs and standard.

Fire Fighting is responsibility and inventive – with this slogan we want to make an active contribution to the safety of people, property and productivity to the world. In order to fulfill this responsibility and invention we constantly work and promote the innovative ideas and expertise of our motivated team. We are a reliable, flexible and innovative partner, providing high quality automatic fire suppression system in any active or inactive zone. Fire can be happened in any time - off man or on man condition, day or night condition.

Reason on this demand we have come out to serve the best technology for Kitchen suppression, HT/LT panel suppression, Server/CNC Machine suppression, Vehicle suppression Foam suppression etc.

In line with our commitment in providing the most reliable firefighting solutions, we strive to continue delivering unrivalled protection through cutting edge technology and research to your people and property.

OUR CLIENTELE



AUTOMATIC TRANSFORMER SUPPRESSION SYSTEM

A transformer is a device that transfers electric energy from one alternating-current circuit to one or more other circuits, either increasing or reducing the voltage.

CAUSES OF TRANSFORMER FIRE

- ❖ The most common cause of failure of transformer is insulation failure; it deteriorates due to heat, oxidation, acidity and moisture.
- ❖ Line surges such as switching surges, voltage spikes, line faults and distribution abnormalities.



WHAT IS TRANSFORMER SUPPRESSION

- ❖ Transformer suppression is an automatic clean agent or power based extinguishing system designed to protect equipment, life and property.
- ❖ Transformers are a major source of fires and these suppression systems counteract that.





BENEFITS OF CINDER KITCHEN SUPPRESSION SYSTEM

- ❖ CINDER provides suppression in pre-engineered ILP System (indirect low-pressure system) with a nozzle agent distribution network.
- ❖ It is activated by sensor tube or LHS cable or smoke and heat detector as a specified temperature which allow solenoid valve to open discharge pipe to release gas.
- ❖ Our system provides rapid flame knockdown and helps prevent fire reignition from oil, greases, electric spark, etc.
- ❖ Our system filled with Clean agent like FK 5-1-12, Wet Chemical, Foam and Inert Gases. It combines the perfect extinguishing agent to create a permanent blanketing on fire and stop reignition.

Technical Specification			
CYLINDER	<ul style="list-style-type: none"> • Aluminium • Mild Steel • Stainless Steel 	SOLENOID VALVE	<ul style="list-style-type: none"> • 1", ½", ¼" at 24V DC, WP: 0.5-12 Bar
VALVE	<ul style="list-style-type: none"> • Indirect Low Pressure (ILP) Valve 	SENSOR	<ul style="list-style-type: none"> • LHS Cable • Polyvinyl Tube • Smoke and Heat Detector
PRESSURE SWITCH	<ul style="list-style-type: none"> • 0-4 Bar (Setting range) • Diaphragm: Polyamide Film 	EXTINGUISHING AGENT	<ul style="list-style-type: none"> • Foam • Clean Agent • Inert Gas



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FOR MORE QUERY CONTACT US.

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