

HIGH SENSITIVE FIRE DETECTION SYSTEM @ HIGH TEMPRATURE FOR STENTER MACHINE

Sri Lakshmi Fire Controls, Coimbatore - having Technical Collaboration with worlds no one GreCon, a German based company, having experience over hundred years in Fire Protection System.

Sri Lakshmi - GreCon have successfully supplied and installed over 250 nos of Metal Detections System, 250 nos of Automatic Fire Extinguisher System for Bale Plucker and over 2500 Automatic Spark Detection & Diversion Systems to Indian Textile Industry.

Many Textile Corporate units like Nitin Spinners , Raymond , Arvind , RSWM, Trident, Himatsingka , KPR Group , Ramco Group , Premier Group , Shanmugavel Group , Loyal Textiles, Mothi Group , SportsKing , Damodar Group , Shri Vallabh Pittie Group (Sohar Project, OMAN), Madura Coats, Siddhivinayak, Teejay INDIA, Teejay Sri Lanka etc are our valued customers. We have supplied systems for all types of Blow and carding system as well as waste lines in spinning Industry. We are thankful to all our valued customers, as we received repeat business from almost every customer due to our Product Performance & Excellent service.

Sri Lakshmi – GreCon **“Special type High Sensitive Fire detection system with fibre optic cable to withstand high temperature for Stenter machines”.**

As we understand from process units and suppliers, in stenter machine for processing fabrics always there is high temperature i.e. 180°C to 200°C. Therefore there is risk or chance of fire incidents, particularly in hot air Exhaust Chimneys and also inside the Chambers.

In such case, Fire should be detected and Stenter machine has to be stopped immediately to avoid major damage and loss of valuable Material as well as Machinery.

For this application, Sri Lakshmi – GreCon developed a special type High sensitivity Spark Detector with specially made Stainless Steel covered Glass Fibre optic cable which can withstand high temperature even up to 600 °C.

In case of spark detection in Exhaust Chimney or inside the Chamber, there is alarm and shut down of machine within 50 millisecond. Steam line valve is opened simultaneously to extinguish the fire.

Location shown in the below photograph for your kind reference and detailed understanding.

Advantages and special features of Sri Lakshmi GreCon system:

Highest Sensitivity Spark Detector compare to any other system.

Periodic (Every 4 hours) self-assessment feature.

Faster or earlier response due to earlier Detection before 2 meters.

Detection of small size Spark.

Fastest reaction time 50 milliseconds.

All the above features make Sri Lakshmi GreCon Spark Detection System 100% Safe & Fool Proof System.

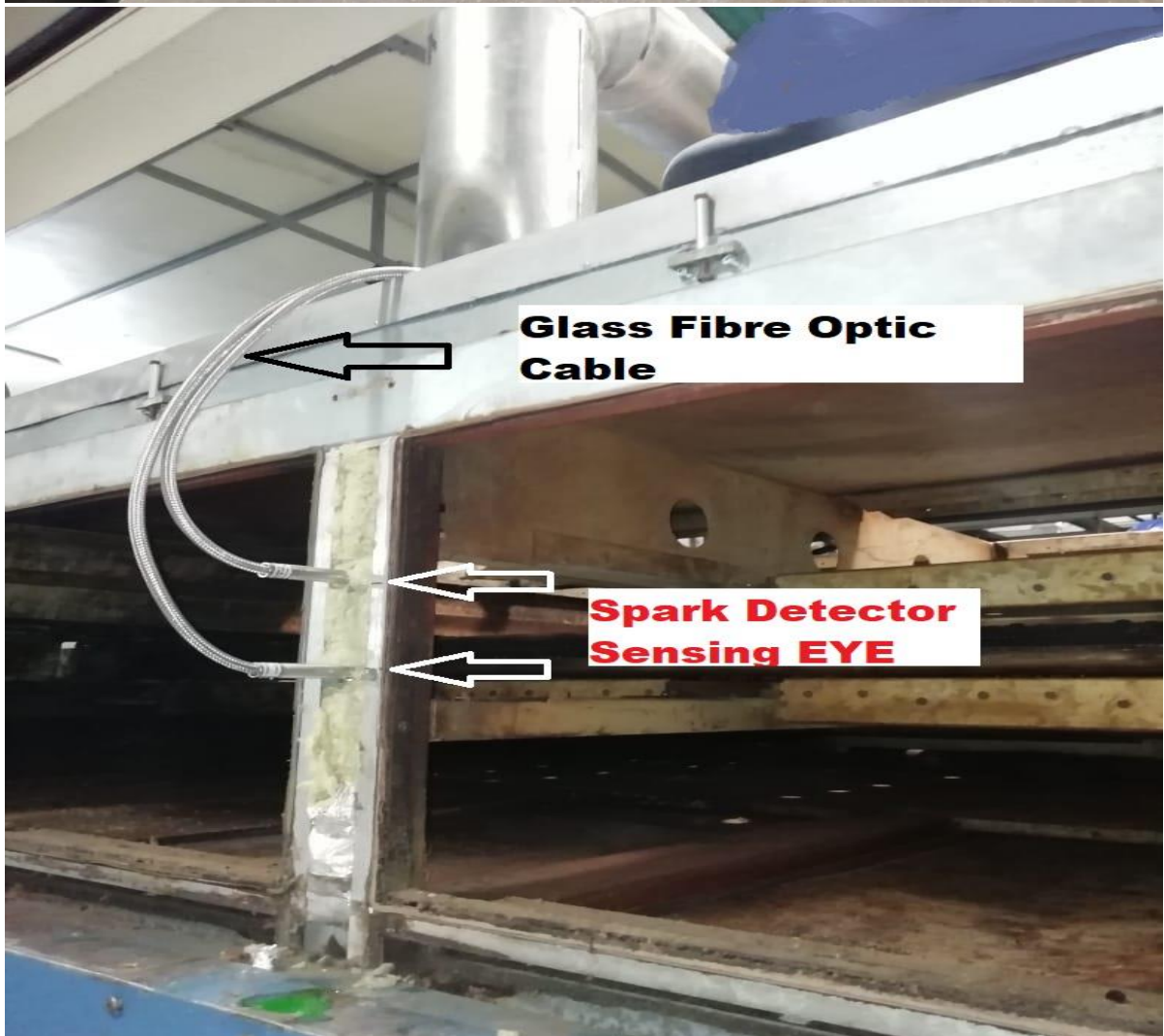
In view of this, we recommend and request to install Sri Lakshmi GreCon High Sensitive Spark Detection system to Protect your Valuable Material and Machinery..

Recommendation for location of SPARK DETECTOR IN STENTER MACHINE;

1. All Hot Air Chimneys.
2. Chambers.

SPARK DETECTOR INSTALLATION IN CHAMBER:





SPARK DETECTORS INSTALLED ON EXHAUST CHIMNEY:

