



Fire and Explosion Protection for Tea Production

Tea processing carries fire and explosion risks. Foreign matter or machines may create sparks or glowing embers which can cause fires or even dust explosions within transport ducts or following plant areas. A GreCon spark detection and extinguishment system significantly increases the safety and protection of the production facilities. It detects dangerous ignition sources in time and automatically extinguishes them without interrupting production – and has done so successfully for more than 35 years.

THE RIGHT SOLUTION

- ✓ a fast, reliable spark extinguishing system which is especially adapted to your production
- ✓ the detection of sparks and glowing particles in the areas at risk
- ✓ protection without interrupting production

RISKS

Tea as raw material is sticky and adherent. Therefore, highly sensitive detectors are required which reliably detect sparks and glowing embers even in case of product adhesion occurring during the production process. Regular cleaning of the spark detectors however ensures that potential risks are not ignored.

OPTIMAL EXTINGUISHING MEANS AS AN INDIVIDUAL CUSTOMER SOLUTION

At the Martin Bauer Group the extinguishment of all identified ignition sources is achieved with hot water steam having a temperature of 120° C. Steam from their production processes is always available and is most suitable as extinguishment means. Due to the really low water quantity, the impact on the following production steps is reduced to a minimum but sensitive plant areas, such as filter systems, are reliably protected at the same time.

THE CUSTOMERS VOICE

"I cannot imagine running our production without GreCon."

Konrad Ohlmann
Production Manager,
Martin Bauer Group



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