



Fire and Explosion Protection in the Tobacco Industry

With cigarettes, cigars, cigarillos, pipe and rolling tobacco, the range of products produced by the tobacco industry is widely spread. However, the production of these stimulants holds many risks of fire. Sparks, glowing embers or particles can be generated by any production step and light the easily inflammable material. 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

Bei der Tabakverarbeitung entstehen leicht entflammbare Stäube, die die gesamte Produktionsanlage einer hohen Brand- und Explosionsgefahr aussetzen. Sowohl Überhitzungen, die durch Reibungswärme erzeugt werden, als auch Funken, hervorgerufen durch Verunreinigungen, wie beispielsweise Sand und Steine, können zum Entzünden des Staubes führen und große Schäden anrichten. Die Gefahr für weitere Zündquellen bergen die einzelnen Trocknungsprozesse.

DANGER ZONES

Fire or explosions in tobacco production can damage or even destroy the facilities. A GreCon spark detection and extinguishment system monitors and protects the following areas at risk:

- ✓ Dryer
- ✓ Vibrating conveyor
- ✓ Cooling conveyor
- ✓ Extraction system
- ✓ Separator cyclone
- ✓ Filter

DIAGRAM OF PROTECTION CONCEPT

