

Inline Spark Trap

Complementary fire prevention for a dust collection system



Incoming sparks extinguished, seen with viewing spoons on the Spark Trap

Installed in ducting as part of a dust collection system, the Inline Spark Trap greatly reduces the possibility of fire in cyclones / collectors by decreasing the number of sparks which could reach the cyclone or collector through the ductwork.

The spark trap's effectiveness is based on a simple principle - disrupting the laminar airflow to cause sparks to cool and extinguish before they can enter a cyclone / collector. There are no moving parts and no power is required for operation.

QuickFit (QF) clamptogether ducting eliminates rivets, screws, and welding, significantly reducing the time required to install or replace ducting. The Inline Spark Trap can quickly and easily be mounted into QuickFit ducting systems, or other duct systems with use of an adapter, and the trap can easily be removed for cleanout. Calibration or other assistance from a factory technician is not required.

It must be mounted in a horizontal position.

The duct distance recommended: At least ten diameters from cyclone / collector

Velocity: 8 m/s - 25 m/s

The Inline Spark Trap is not a replacement for spark detection or explosion isolation systems. It is a complementary device only.

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- Simple, economical fire protection
 - Quick, easy installation and cleanout

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