



Spark Trap Spec Sheet

1.0 Spark trap / Spark Arrestor / Spark Cooler

- a. Imperial Systems Spark Trap or equivalent
- b. General

The system will be designed to perform the following Functions: Reduce the risk of fire in duct by causing a torturous path by cooling sparks that have entered the air stream. Reduce the risk of fire in a dust collector by cooling sparks. Applied as a preventative measure to reduce lifecycle and rate of hazardous sparks within the properly applied system.

- c. Spark Trap
 1. The Spark trap should be available in multiple duct connect installation options. These options include flanged, raw, and/or rolled quick connections
 2. The device should have no moving parts to maintain
 3. Should include a tool free clean out door to easily remove debris
 4. Should be made from 10ga. carbon steel or heavier (insert specific steel here including stainless)
 5. Fully welded exterior construction, clamp together design no acceptable
 6. No water required