

Spark Hazards

Hot work can create sparks, which can fly, fall, or be carried by drafts in the area.

Air currents and drafts can carry sparks and molten metal up to 50 ft (15 m), but they can travel even greater distances when falling!



Flying Sparks are the main cause of fires, explosions, and skin burns.

Sparks can pass through, or become lodged in:

- ✦ Cracks and crevices
- ✦ Clothing
- ✦ Pipe Holes

This can cause fires to smolder unnoticed for hours before igniting a blaze.

Controls for Spark Hazards

✦ All combustible material within 50 ft/ 15 m of the hot work must be removed from the area.

✦ Check that all equipment is functioning correctly.

✦ Ensure adequate fire watch has been allocated.

✦ Personnel near or performing the hot work must wear suitable PPE.

