The local application hazard category covers a broad range of industrial applications such as steam turbine bearings, diesel generators and other machinery using flammable liquids in large open spaces.

HI-FOG® system utilizes the full potential of water to protect critical machinery and fight fire at the source, keeping damage and downtime to a minimum in case of a flammable liquid spray fire, pool fire or a combination of these.

**FM Approved local application**

- Several local application fire tests
- Large range of fire scenarios: spray fire, pool fire, combination of pool and spray fires and channel fire hazards
- Approved as local application protection for variety of equipment involving flammable liquids

*Approval Standard for Water Mist Systems – Class Number 5560 – April 2016, FM Approvals Appendix I: Fire tests for water mist systems for the protection of local application*

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**Local application:**
Extinguish flammable liquid fires at the source

**HI-FOG® water mist fire protection for power plants and heavy industry.**

An overhead spray head grid is typically used when there's a combined pool and spray fire risk such as hydraulic oil skids with a containment pool and pressurized oil lines. Watch a flammable liquid spray fire test with HI-FOG® using an overhead spray head grid.

A side spray head grid is typically used in industrial applications with a spray fire risk from pressurized oil lines. Watch a flammable liquid spray fire test with HI-FOG® using side spray heads.
Superior fire protection
Performance
Steam turbines are the heart of energy production. The oil systems used in the turbines pose a high hazard fire risk. If flammable liquids are accidentally released as mist, they can ignite well below their flash point.

In FM Approval tests, all fires were successfully extinguished within a few minutes after HI-FOG® system activation.

Want to know more? Contact us to receive our Fire Test Summary documentation.

HI-FOG® facts
- FM approved to extinguish intense steam turbine flammable liquid fires
- Uses significantly less water than traditional water spray and sprinkler systems
- Effective even when oil flows cannot be shutdown during the turbine run-down time
- Expands to cover other applications beyond steam turbines

When you choose HI-FOG® high pressure water mist fire protection technology, you get a partner who helps you keep the system fully operational, upgraded and certified throughout its entire lifetime.