



Local application: Extinguish flammable liquid fires at the source

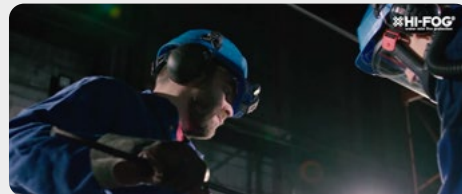
The local application hazard category covers a broad range of industrial applications such as steam turbine bearings, boiler burners, oil skids and other machinery using flammable liquids in large open spaces.

Marioff 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

- Full-scale fire tested
- 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*



Watch video



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



Watch video



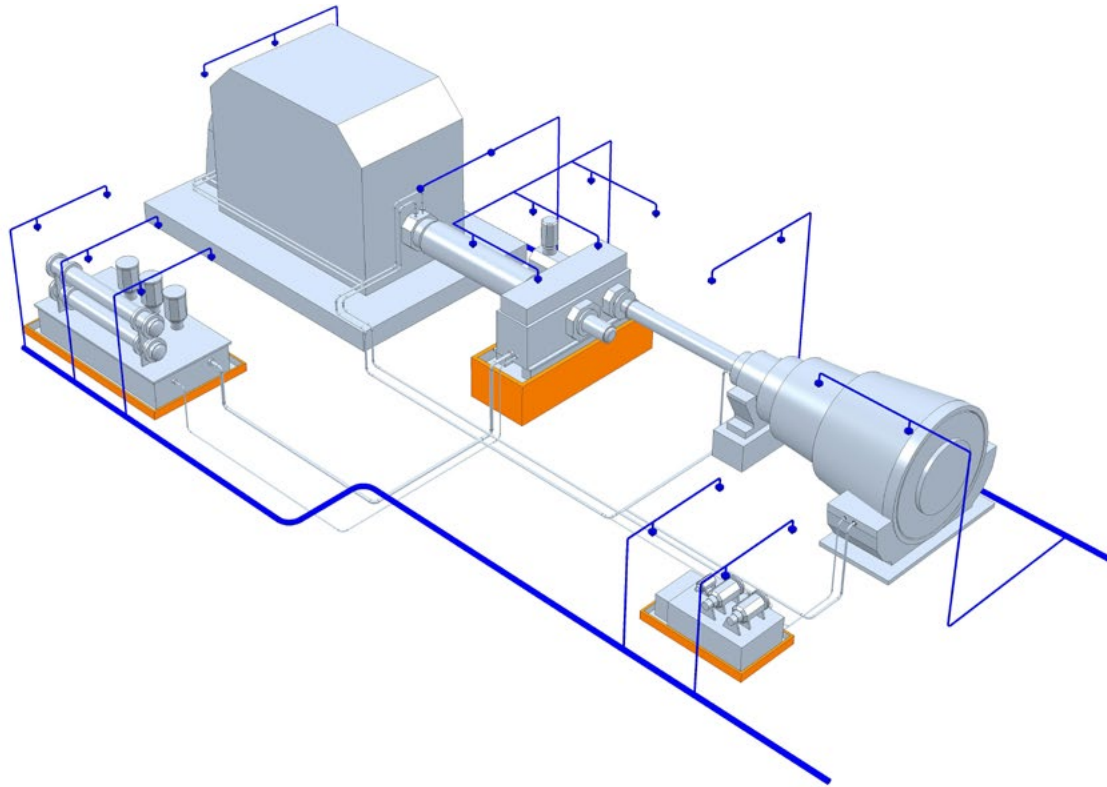
An overhead spray head grid is typically used when there's a combined pool and spray fire risk such as hydraulic oil skids with a containment pool and pressurized oil lines. Watch a flammable liquid spray fire test with HI-FOG using an overhead spray head grid.



Watch video



HI-FOG local application system allows a variety of design configurations to take into account different field installation requirements. 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.

Marioff is a leading developer of water mist fire protection technology and supplies system solutions worldwide. The company's innovative HI-FOG® water mist fire protection system safely controls and suppresses fire using significantly less water than conventional sprinkler systems, reducing water damage, cleanup time and operational downtime. For more information, visit www.marioff.com.

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