



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

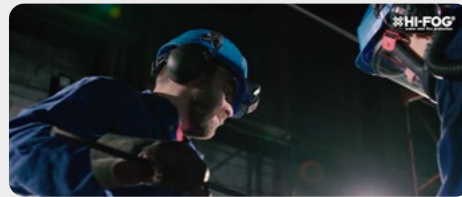
The local application hazard category covers a broad range of industrial applications such as steam turbine bearings, boiler burners, oil skids and other machinery using flammable liquids in large open spaces.

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



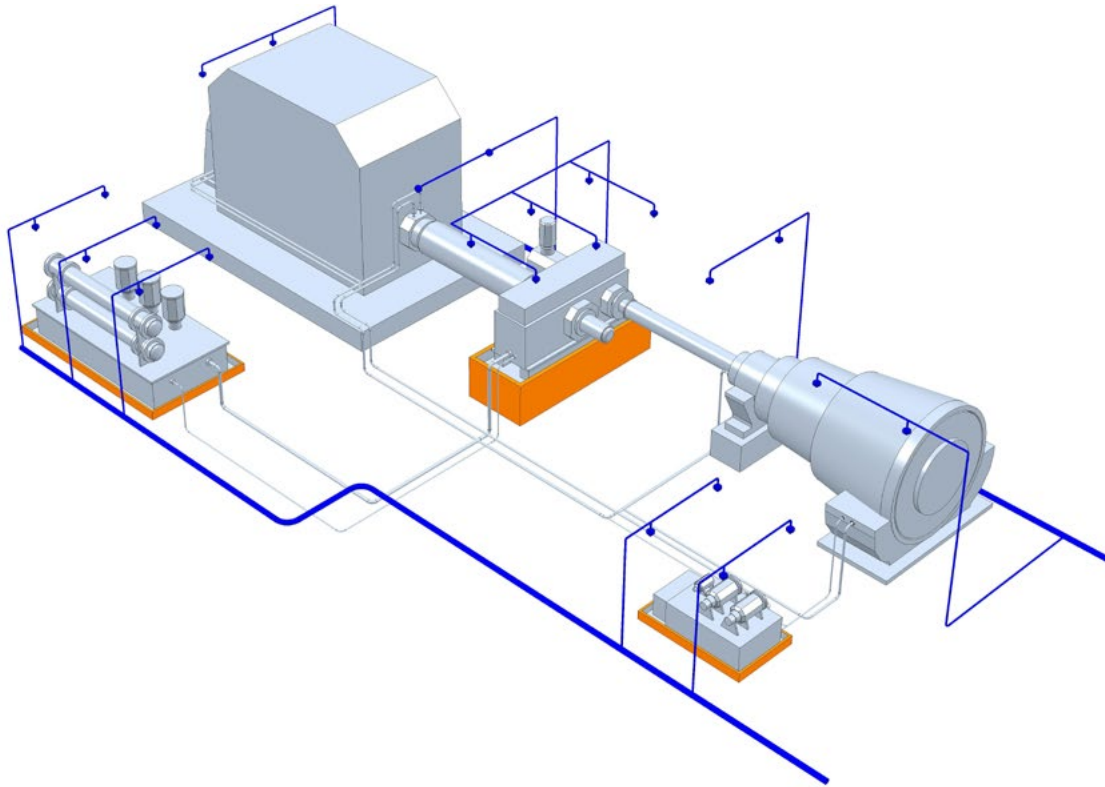
*An overhead spray head grid is typically used when there's a combined pool and spray fire risk such as hydraulic oil skids with a containment pool and pressurized oil lines. Watch a flammable liquid spray fire test with HI-FOG using an overhead spray head grid.*



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](http://www.marioff.com).*

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