



SISTEMI INDUSTRIALI

In Oil&Gas and Power Generation Market is strictly necessary to develop an integrated Fire Fighting System based on Client specifications, local rules, particular ambient conditions, Hazardous Areas and End User requirements.

For this reason Sistemi Industriali decided to integrate, in addition to its core Business, Fire Fighting System too, presenting a new Product: Water Mist Self-Standing Cabinet – **FM APPROVED and Tested according to FM5560 (appendix D)**



1. Self-Standing Cabinet, Carbon Steel or Stainless Steel - Painted according to Client Specification (Optionally insulated);
2. Water Mist Pre-Engineered System for Gas Turbine Compt.;
3. Manual Actuation Device;
4. Junction Boxes for Instruments Connections (ATEX/IECEX/etc according to Project Requirements);
5. MCT - Multicable Transit System;
6. Multiple Earth Connections;
7. Foundation Plates;
8. Access Door;
9. Lifting Lugs;
10. Internal Lining in Marine Aluminum;

Water-Mist Fire Fighting System Self-Standing Cabinet is a pre-engineered system based on Water Cylinders fully inter-connected and powered by a pressurized Gas Cylinder.

In normal/stand-by condition, Water Cylinders and the piping system are not pressurized.

Discharge can be activated :

- Electrically/Remotely by Solenoid Valve;
- Manually/Locally by a dedicated Manual Actuation Device;

Then the discharge continuously flow through the stainless-steel tubing till to the dedicated Nozzles for the entire duration of discharge (discharge time is studied case-by-case).

FEATURES/MATERIAL:

- Environment friendly (less water requested), safe for personnel, versatile, modular, easily retrofitted;
- Flexible Design and construction materials (according to critical Site Condition as seism, wind, snow, blast, etc), tubing, fittings and junction boxes;
- Different hazardous area instruments compliance, such as pressure switches, pressure transmitters, limit switches and magnetic sensor for water level indication.
- Dedicated lighting System;
- Heating System for low temperature conditions.

ENGINEERING/QUALITY:

A dedicated Sistemi Industriali Team will take into account all the engineering customized solutions collaborating side-by-side with Client/End User, satisfying all their requirements, staying at their Specification and Quality needs, in line with the standard Project Management Processes, issuing documentation as:

- Working Program;
- Engineering Document List;
- Drawings;
- Manual;
- Inspection and Test Plan;
- Quality Book c/w Certificates;
- Spare Part List.

