



Credit: Harald Pettersen - Statcoil

Hose Reels (Recessed Mounted)

The Firenor firewater hose reel is a high quality quick-response piece of equipment ideal for manual fighting of small fires and for protection of personnel during evacuation. In order to ensure optimal protection of personnel, this equipment is typically used in locations like utility areas, open deck areas, living quarters and other low risk areas where personnel are likely to be present.

SYSTEM DESIGN

This hose reel can be recessed in a wall. For optimal protection, hose reels should be placed so that any location can be reached from two separate firewater hose reels.

Each hose reel consists of an appropriate length hose and a nozzle that releases water at a specified flow. The nozzle of the hose reel can be easily opened or closed and can be adjusted to fog or jet spray. For hose reels that are supplied by a high pressure fluctuation water source, a regulating valve can be installed to avoid high reaction forces. This versatile equipment can also extinguish a pool fire by mixing foam in the water at a specified flow, should the need arise.

The Firenor firewater hose reel can be customized to meet specific project requirements. As part of this customization, the Firenor hose reel can be stored in cabinet with a variety of door configurations such as roll up, double door, left or right hinged single door etc. Furthermore, the cabinet can be expanded beyond standard size in order to accommodate the storage of fire extinguishers and first aid kits.

VERIFICATION

Every system can be customized, upon request, for compliance with applicable rules, regulations and project specific requirements. Full documentation for any tailor-made products are available and include all necessary certifications, third party verifications such as DNV/GL, BV, ABS, etc., and full scale test reports, if required.



Hose Reel, Recessed Mounted

FIREWATER HOSE REEL

◀ HOSE REELS (Recessed Mounted)

FEATURES

- Regulating or non-regulating valve
- Flexible design
- Various door configuration
- Compatible with various hazardous area classification and regulations (ATEX, UL, CSA etc)
- Full-scale test
- Working environment friendly design

MATERIAL

Every Firenor system is available in the following materials:

- Galvanized carbon steel
- Duplex
- Copper nickel
- SS316
- Super duplex
- 6Mo
- Titanium
- GRE

FOAM SUPPLY

The foam supply for this system can be provided by a separate tank outside or inside the skid, or from a central foam system, depending on the exact project specifications. The foam can be mixed with a variety of solutions listed below:

- Balanced pressure foam proportioner
- Foam inductors
- Constant flow orifice

SIZES AND VARIETIES

The standard available hose diameters are ¾", 1", 1 ¼" and 1 ½" and hoses can have a length up to 30 meters.

Firenor offers an excellent selection of features to support optimal hose reel placement.

Swing hose reel or fixed hose reel with gear operated crank which allows for easy hose rewinding after use.

DOCUMENTATION

The engineering department produces documentation relevant to all phases of the project. Documentation normally includes the following:

- Quality plan
- Calculations
- ITP
- Certificates
- Drawings
- Reports
- Data sheets
- User manual
- Indexes
- MRB
- Procedures



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