FIRE FIGHTING

Fire suppression systems are necessary to protect high-risk areas in pulp and paper mills where a fire or an explosion can occur, such as, in storehouses where flammable and finished products are stocked, or even in small rooms where dangerous materials like paints and lubricants are kept at hand. The FLOWTECH Group, to which PNR Italia belongs, also includes SDM Antincendio, company specialized in systems for fire protection and suppression. The highly qualified and experienced Staff of SDM will be happy to listen to your requirements for what concerns fire protection and fire-fighting needs.

NEW NOZZLE FOR FIRE PROTECTION OF LARGE SURFACE AREAS

SDM is expanding the wide range of its products with a new nozzle, specially designed and tested for a high efficiency protection of large surface areas. This nozzle was originally designed for fire-fighting systems installed in highway and road tunnels, however, its special performances make it highly suitable for the fire protection of large surface areas such as storerooms, shopping malls, supermarkets and the like.

This unique design nozzle (patent pending) produces a fine water spray with an impressive flow rate of 150 litres per minute and requires a feed-water supply pressure of 5 bar only.

Therefore, this new nozzle offers the following advantages:

1) Cost-effective installation. One single nozzle can cover a round surface of 7-metre diameter, hence, a surface area of 40 square meters.
2) In many cases, an efficient fire protection can be achieved with a reduced number of nozzles and a low investment pump.
3) Fine sprays do not flood or damage stocked materials that can often be completely recovered.
4) The water mist spray evaporates quickly can mitigate the effects of an explosion and is often extremely effective for fire suppression.

You may look at a video showing this new nozzle in action in the SDM website.

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