

The background of the top half of the page is a photograph of the interior of a cable tunnel. The tunnel is circular and has a metallic, ribbed wall. On the left side, there are several large, black, cylindrical pipes or conduits running along the wall. In the center of the tunnel, there are several bright, circular lights that create a strong glare and illuminate the interior. The perspective is looking down the length of the tunnel, creating a sense of depth.

**Marioff HI-FOG® high-pressure
water mist fire suppression.**

Fire protection for Cable tunnels

Securing business continuity

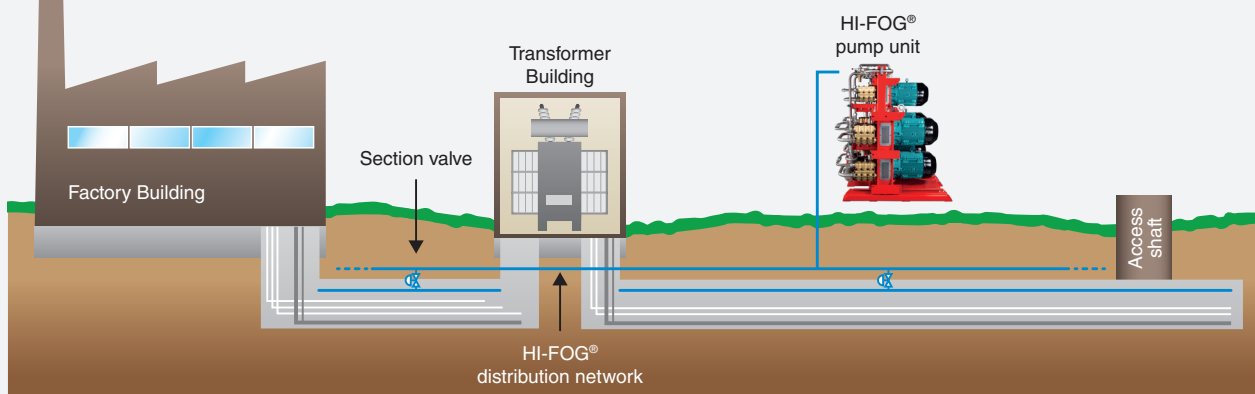
Modern society relies on cables for continuous power supply and data transfer. The cable tunnels have a high fire load, and without a fire protection system in place heat accumulates fast. A rapidly spreading fire can critically disrupt businesses within minutes.

Today, the HI-FOG systems protects cable tunnels for power plants, substations, communication networks and data centers around the world. As the pioneer of water mist fire protection technology, we have experience in installing fire protection systems in new or existing cable tunnels.

Key benefits of the HI-FOG system for Cable tunnel fire protection

- Fast cooling allows access to affected areas
- Fire and water damage are kept to a minimum
- Drainage requirements are minimized
- Full-scale fire tested according to VdS 2498

VdS



An example of the HI-FOG system for cable tunnels.

The HI-FOG system is an ideal solution for protecting against fire in challenging conditions underground.

The fast-acting HI-FOG water mist fire suppression system controls and suppresses fire in cable tunnels by discharging a fine water mist at high velocity.

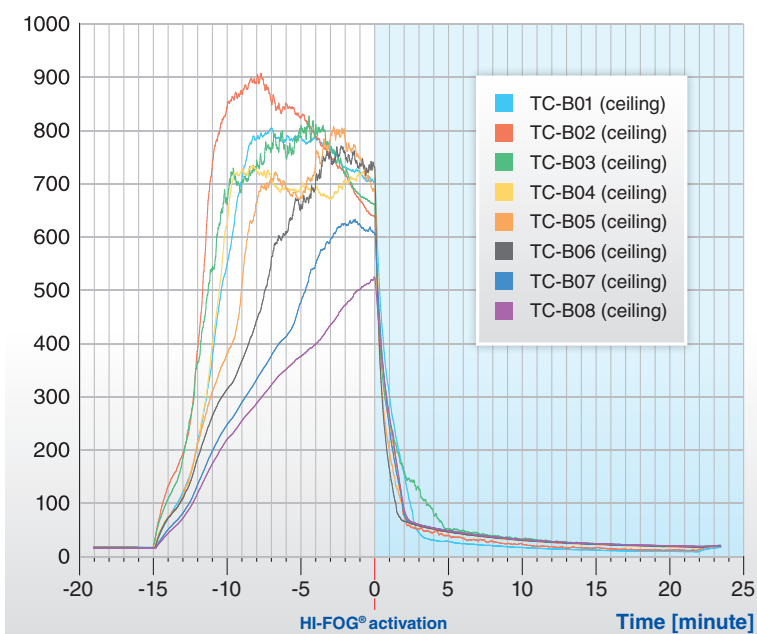
The HI-FOG system applications for cable tunnels

Deluge system: open spray head system; a VdS-approved configuration for extinguishing fires in cable tunnels.

Light deluge system: suppression system using open spray heads; consumes less water than a VdS deluge system.

Sprinkler system: suppression system using HI-FOG sprinkler heads; lowest water consumption.

Temperature [°C]



Repeated cable tunnel tests show the HI-FOG system has an immediate, dramatic effect on ambient temperature.

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 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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Your safety is our expertise.