

**FOGEX WATER MIST FIRE PROTECTION SYSTEMS** 



fire moments after ignition



Above is 6.0MW Diesel spray fire getting extinguished within 12 seconds from Fogex system activation.

## WITNESSING OF TESTS

All fire testing in done in accordance with IMO Guidelines has been witnessed by Lloyd's Register of Shipping, Det Norske Veritas, American Bureau of Shipping, Bureau of Veritas and Factory Mutual.

All fire for Factory Mutual test protocols for machinery spaces, industrial hazards and combustion & gas turbine enclosures has been witnessed by FMRC.



Above is a Fogex cold discharge test revealing very fine mist droplets with nozzles positioned at 8.0m above ground level.

## **REGULATIONS MET & STANDARDS ACHIEVED**

NFP750 Water Mist Standards, 2010 edition. FM Class 5560 standards IMO 1165 and IMO668/728 NORSOK Standards IEC Standards NFPA20 standards



## **Benefits of Using FOGEX & MISTEX**

- Safe to people & environment
- No decomposition product (HF or HCL gas) which is hazardous to people & equipment
- Safe to electrical & electronic equipment
- Minimal water usage (<10% of sprinkler)
- Effective & rapid in fire extinguishment
- Tested and Approved fire fighting technology
- No future phased-out or regulated date
- Low clean up & Low refilling cost
- Minimal maintenance cost
- Long equipment life span

- Small water storage tank compare to sprinkler
  Pipe sizes are extremely small between 12mm -32mm (OD), making retro-fitting more convenient
- Smoke scrubbing effect (remove smoke) Binding of smoke particles by mist droplets
- Washing out of gases (eg. HCL) via huge reaction surface
   Less contamination by smoke
- Fire extinguishing effect not affected by ventilation (with door & window opened) 3dimensional fire fighting technology.



## TAIWAN AIR FORCE F-16 HANGARS PROTECTED WITH PHIREX



Fogex suppressing a 1.0 cu. m wood rib fire inside theatre building with Fogex F11 nozzles 9.0 metres height above ground level



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COAL MINING CONVEYER BELT WATER-MIST PROTECTION