Certified ISO9001, JAS-ANZ, AS9001, NZS9001 and EC Council Directives 96/98/EC accreditation systems.

FOGEX WATER MIST FIRE PROTECTION SYSTEMS









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

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

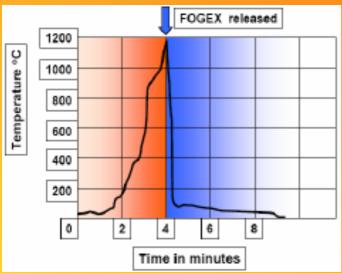
WITNESSING OF TESTS

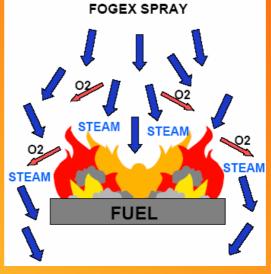
All fire testing in done in accordance with IMO Guidelines has been witnessed by Lloyd's Register of Shipping, Det Norske Veritas, American Bureau of Shipping, Bureau of Veritas and Factory Mutual.

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

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





And there is NO Water Damage!

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

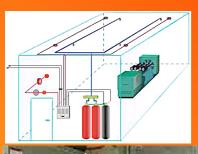
- Small water storage tank compare to sprinkler
- Pipe sizes are extremely small between 12mm 32mm (OD), making retro-fitting more convenient
- Smoke scrubbing effect (remove smoke)

 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®WATER MIST FIRE PROTECTION SYSTEM FOR COMBUSTION & GAS TURBINES



FOGEX & MISTEX

OFF-SHORE & ON-SHORE DRILLING PLATFORMS

OUTDOORS ELECTRIC TRANSFORMERS & SUB-STATIONS

CHEMICAL DISPENSE CABINETS
WAFER FAB PLANTS / CLEAN ROOMS

AIRCRAFT HANGARS / F-16 AIRCRAFT HANGARS

FLAMMABLE STORAGES (POL, ETC.)

SERVER ROOMS / DATA CENTERS

OFFICES, RESIDENCES, U/G PARKING LOTS

IN-DUCT PROTECTION

PAINT KITCHENS / PAINT BOOTHS
MACHINERY SPACES / ENGINE ROOMS

CARGO PUMP ROOMS

ENGINE TEST CELLS

ELECTRIC CABLE TUNNELS

ELECTRIC SWITCH GEAR ROOMS

COMPUTER ROOMS

WAREHOUSES

HOSPITALS, LABORATORIES
HOTELS, MESSES, BOARDING HOUSES

MILITARY / NAVAL APPLICATIONS

HIGH-RISE BUILDINGS

Escalator Rooms & Rail Sub-Stations

RAILWAY LOCOMOTIVE CARRIAGES

STANDBY POWER GENERATORS / POWER PACKS

COAL MINING - CONVEYER BELTS, ETC.

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MISTEX WATER MIST FIRE PROTECTION SYSTEM 1.6 KM ELECTRIC CABLE TUNNEL PROJECT, NORWAY

WATER MIST FOR UNDERGROUND CABLE & VEHICULAR TUNNELS

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



COAL MINING CONVEYER BELT WATER-MIST PROTECTION