

# Local Water Mist System



## ■ The advantage of water mist system?

Water, with its extinguishing/ control capability, has been a backbone of the fire fighting industry. In recent years since the Montreal Protocol and the phase-out of halons, there has been substantial reappraisal of the approaches to fire protection including water systems. Water, the most natural of substances, has taken on a new form as a highly efficient ultra fine spray..called Water Mist. As a result of extensive research and development, Water Mist has been demonstrated to be a suitable gaseous replacement for many commercial and industrial applications. DBM Water Mist Systems are the most environmentally-friendly fire protection systems. We have completed fire testing of Water Mist Systems for the protection of gas turbines and high risk machinery spaces and continue to develop new applications for our systems.

## ■ Description

The Fixed Local Water Mist Fire Extinguishing System remote operated, is a system using water when fighting fires. The system is designed and installed as a local application system to cover main and auxiliary engine top, boiler front, incinerator and purifier. In many cases, the local application system extinguishes the fire and there is no need for activation of the total flooding system. The water is distributed that the system starts immediately after the fire has occurred in order to reduce fire and heat damages. While local application system is running, the protected area is evacuated and decision made whether further steps are necessary with respect to extinguishment e.g. portable equipment.

## ■ Application

This system is applied to all types of vessels with engine rooms, which are over 200CBM, or with being over 2,000DWT.

