



## FIRETRACE INTERNATIONAL (EMEA)

### FIRETRACE® chosen for DOKAAEP mega-project in Makkah

08 July 2009

**Firetrace International is supplying hundreds of its genuine FIRETRACE® stand-alone, automatic fire suppression systems for DOKAAEP [Development of King Abdul Aziz Endowment Project] in the holy city of Makkah in Saudi Arabia.**

They are being used to provide dedicated fire protection to vital electrical cabinets throughout the architecturally distinctive complex, which comprises seven high-rise towers overlooking the Holy Mosque that will accommodate 65,000 guests and visiting pilgrims. The 1,445,000 square metre structure is believed to be the largest mixed-use complex of its kind in the world and is scheduled for completion in 2011.



FIRETRACE was chosen because it satisfied the consultant's insistence on a solution that is both UL [Underwriters Laboratories] listed and FM [Factory Mutual] approved. In fact, Firetrace International's genuine FIRETRACE is the only UL listed, FM approved and CE [Conformité Européene or European Conformity] marked tube-operated system in the world that is tested as an automatic fire detection and suppression system. Currently, 250 FIRETRACE systems have been installed, but Firetrace International's authorised trading partner in Saudi Arabia, Husam Sinjab Contracting Establishment, anticipates that this will ultimately increase to a figure closer to 400.

Each of the FIRETRACE installations is an entirely self-contained fire detection and suppression solution that requires neither electricity nor external power. For this particular project and application they utilise DuPont™ FM200® clean suppression agent that is ideal for protecting electrical components. It leaves no residue to damage sensitive equipment; is non-conductive and non-corrosive.

The technology chosen for the DOKAAEP cabinets was the Firetrace Direct Release System. This comprises Firetrace International's proprietary Firetrace Detection Tubing that is linked, via a custom-engineered valve, to the FM200 suppression agent cylinder. This specially-developed, leak resistant, small-bore polymer tubing is a linear pneumatic heat and flame detector that delivers the desired temperature-sensitive detection and delivery characteristics. Its flexibility is such that it can be threaded around the cabinet's tightly-packed compartments and components. When the tubing detects a fire anywhere along its length it ruptures, forming an effective spray nozzle that automatically releases the entire contents of the FM200 cylinder, extinguishing the fire precisely where it starts and before it can do extensive damage to the cabinet.

**Breaking News:** *eBrand is delighted to announce its PR sponsorship of GetReal4Youth programmes. [Link here](#), to see the exciting new film showcasing this life-cha*