



New Fibre Optic
Telecoms and CCTV
Network for Saudi
Arabian Paraffin
and Derivatives
Complex

AX-STM Covers

CABLEprotect MULTIduct™

STAKKAbox™ Fortress

New Fibre Optic Telecoms and CCTV Network for Saudi Arabian Paraffin and Derivatives Complex



Farabi Petrochemicals Company (FPC) is one of the world's largest manufacturers of normal paraffin and linear alkylbenzene using latest UOP technology. The new FPC refinery complex was inaugurated by the custodian of the two Holy Mosques, King Abdullah Bin Abdul Aziz in June 2006 during his landmark visit to Jubail Industrial City. FPC selected Jubail Industrial City for the location of its new Paraffin and Derivatives Complex due to its strategic location, providing competitive advantages such as feedstock supplies, key utilities, new infrastructure and access to a world class port terminal for bulk and container shipments for all its products, enabling it to compete in the global market.

Cubis Systems was approached to provide a network access and cable protection solution for the complex's new fibre optic telecoms and CCTV network. Timeliness and ease of installation was of utmost importance due to the 8,600 metres of MULTIduct™ cable protection units, as well as 127 STAKKAbox™ Fortress access pits and AX-S™ composite covers that were required. Full installation was completed within 50 days, in comparison to traditional installation of concrete products which require the need for specialist machinery.

Cubis' cable protection system, MULTIduct™, offered an innovative, lightweight, structural, multiple duct solution that provided a modern alternative to traditional cable ducting. The installation of MULTIduct™ at the FPC site required the full range of MULTIduct™ accessories such as bend mitres, Y lateral break out units and socket end caps. MULTIduct™ units feature a square duct space that has 25% more capacity compared to traditional ducting, along with unique smooth internal walls for easier cable pulling and no sharp edges for cable damage. The system's design allows for seamless integration with Cubis' range of access pit products, such as STAKKAbox™ Fortress, enabling for enhanced cable management and network access.

The STAKKAbox™ Fortress pit system comprises of modular scalable components that are easily connectable. Each component is lightweight (under 25kg) making them suitable for a single person lift under manual handling regulations. This thereby eliminated the need for heavy plant machinery on site, a requirement that was requested by the FPC due to the scale and remoteness of installation around the vast site. The STAKKAbox™ Fortress system was also supplied alongside a wide range of accessories and covers that assisted with further time savings, and allowed for simple installation, connection, backfilling and completion.





Driven by Innovation

Innovation is the engine that has driven Cubis Systems to its position as global leader in the design and manufacture of access pits and cable ducting systems.

Inspired by innovation, we have developed quality products that replace traditional construction materials like bricks and concrete. Our lightweight plastics, incorporating intelligent design features, are used in the construction of infrastructure networks for the rail, telecoms, water, defence, construction and power markets worldwide. Cubis products can be installed much faster than traditional methods and therefore save our customers both time and money.

Cubis manufactures the preformed STAKKAbox™ network access pit systems, the AX-S™ access covers range, a MULTIduct™ multiple duct system and the RAILduct™ cable troughing system at sites throughout the UK and Ireland. These innovative products are exported to more than 25 countries throughout the world. With additional manufacturing facilities located throughout Australia, Cubis provides customised, highly-engineered underground access solutions including their robust precast concrete and MONObox™ access pit systems, developed in partnership with leading Authorities and Asset Owners.

At Cubis we are committed to ongoing innovation and dedicated to delivering absolute product quality, detailed technical customer support and the highest levels of customer satisfaction.

www.cubis-systems.com.au

Contact us

Victoria

73 Ballarat-Carngham Road
Winter Valley VIC 3358
P: 03 5335 0999
F: 03 5336 1118
E: salesvic@cubis-systems.com.au

Queensland

2 Stradbroke Street
Heathwood QLD 4110
P: 07 3714 0444
F: 07 3714 0445
E: salesqld@cubis-systems.com.au

New South Wales

Unit 2, 13 Dunn Road,
Smeaton Grange NSW 2567
P: 1800 065 356
E: salesnsw@cubis-systems.com.au

