



Jeddah power plant, Saudi Arabia

Overview:

The Jeddah South Thermal Power Plant is a major infrastructure project in Saudi Arabia. When completed in 2017, it will feature four 660MW steam turbines, delivering around 5% of the country's entire power requirements. The oil fired plant will feature new boiler technologies pioneered by Hyundai Heavy Industries, to enhance generation efficiency. In common with many heavy industrial plant applications, particularly those where flammable fuels are involved, the plant design requires equipment to work in a potentially dangerous environment. Adexsi were called on to design and deliver explosion proof and fire proof Certilight units enabling natural and smoke ventilation as necessary.

Outcome:

Adexsi developed Certilight units that are ATEX rated and CE marked, with high resistance to explosion and flame, having pneumatic vents and with ATEX explosion proof controls. The units are specifically rated to the Exd IIC T4 standard for electrical equipment capable of being used in hazardous areas.

Title

Jeddah South Thermal Power Plant

Client

Saudi Electric Company

Location

Jeddah, Saudi Arabia

Product

Certilight units

Part of the ADEXSI GROUP

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DESIGN - MANUFACTURE - INSTALLATION - MAINTENANCE

Adexsi UK Ltd (Head office), The Business Centre,
Cardiff House, Cardiff Road, Barry CF63 2AW

T: 08450 840 555
F: 08450 840 556
E: info@adexsiuk.com

adesmoke – smoke@adexsiuk.com – 07972 083206
adesky – sky@adexsiuk.com – 07787 171355
adelight – light@adexsiuk.com – 07787 171355
adeshade – shade@adexsiuk.com – 07944 449459
adecool – cool@adexsiuk.com – 07944 449459