



Standby

Case History

ELCOS Power Generators

Where:

Jeddah Hospital, Saudi Arabia

Specified:

4 x **STAMFORD®** UCDI274K -
250 kVA alternators

Purpose:

Back-up power for a private hospital in Jeddah, Saudi Arabia.

ELCOS has been operating in domestic and international markets for over forty-five years. Based in the province of Cremona, Northern Italy, it is an independent group that designs and produces power generation systems (emergency and self-production) for the international market.

For this hospital in Saudi Arabia, the units were produced to withstand extreme environmental conditions, therefore the temperature rise and insulation class of the alternators were a key consideration for this project. Each unit required certification by SGS on a SABER platform to meet stringent Saudi requirements.



One of the four generator sets in situ at the hospital



STAMFORD® UCDI274K

Each enclosure includes a VOLVO TAD733GE EU2 engine coupled with a **STAMFORD®** UCDI274K alternator. 2 units were wired 400/230V and 2 units were wired 220/127V with a combined total of 1000kVA output, built for this specific application.

The generator sets used in this project were assembled in Italy and transported to the private hospital in Jeddah, Saudi Arabia.

The country typically sees fierce competition for projects with requirements such as lead time making a crucial difference and allowing the award of supply.

“**STAMFORD®** was chosen as it is an extremely well known, reliable and appreciated brand in Saudi Arabia.”

- Michela Zovadelli, ELCOS, Italy

ELCOS researches and develops products that use innovative technologies in order to optimise its production efficiency and performances provided by its systems, offering the user (from 1 to 3150 kVA) a customised product.

Reliability was essential for this critical project and confident of **STAMFORD®** products, ELCOS were able to meet the power requirements.

For more information on the full range of **NEWAGE®, STAMFORD®** or **AvK®** products and services visit: www.stamford-avk.com



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