ELECTRICAL EQUIPMENT

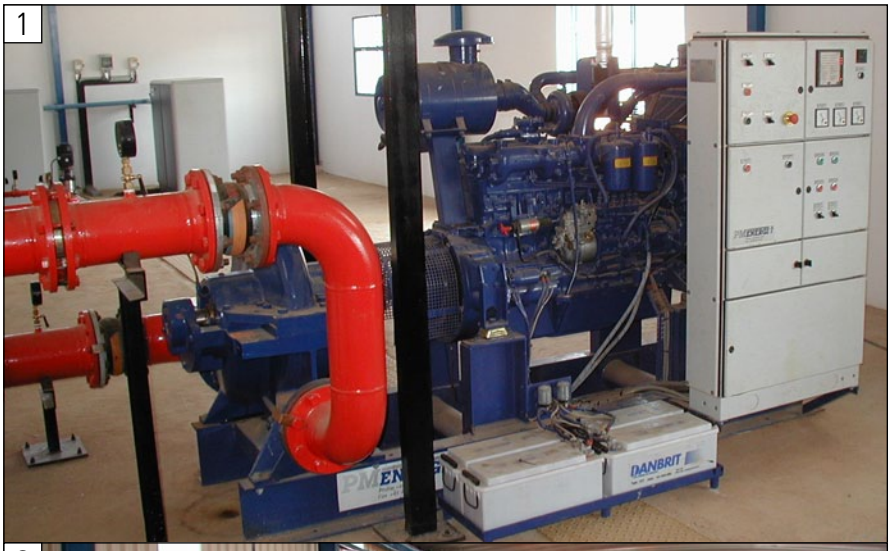
The purpose of Kosan Crisplant's range of electrical equipment is to obtain safe and optimal operation of complete filling plants.

- 50 years experience with electrical engineering in hazardous areas
- Future-oriented electrical solutions capable of improvement
- Ex-proof components according to European norms
- Our suppliers are all internationally approved and certified
- Competitive prices

Your benefits

- Kosan Crisplant can supply an integrated system solution including both filling equipment and electrical equipment
- An integrated system solution provides you with a simple interface, optimal safety and easy-to-operate filling halls
- Kosan Crisplant provides after-sales service on both filling equipment and electrical equipment

1



2

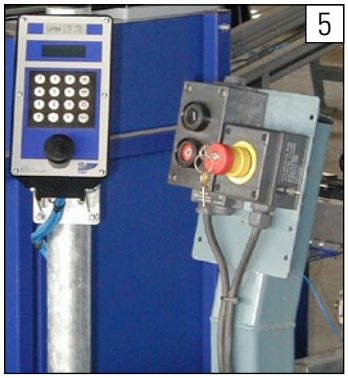
Electrical installation (in non-hazardous area) for firewater pump system

3

Ex-proof power panel

4

Power panel for non-hazardous area



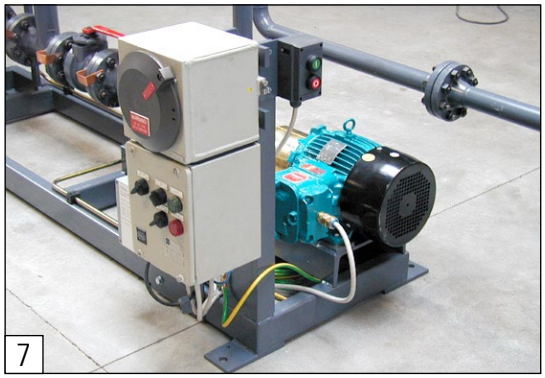
Pole with start/stop switches and emergency stop switch

Ex-proof power panel including all switches (main switch, start/stop switch, lighting switch, emergency stop switch, etc.)

- Ex-proof certificates supplied with machines for your safety

Your possibilities

- Engineering, projecting and documentation
- Main switchboards and secondary switchboards in non-hazardous area and hazardous area
- Ex-proof start/stop switches
- Emergency stop systems including switches
- Local power supply (generator)
- Emergency power plant (generator) with manual or automatic switching on
- Earthing including equipotential bonding and earthing rod
- Machine protection
- Cabling, cables, cable trays
- Lighting in buildings
- Outdoor lighting, lamp poles in tank yard, drive ways etc.



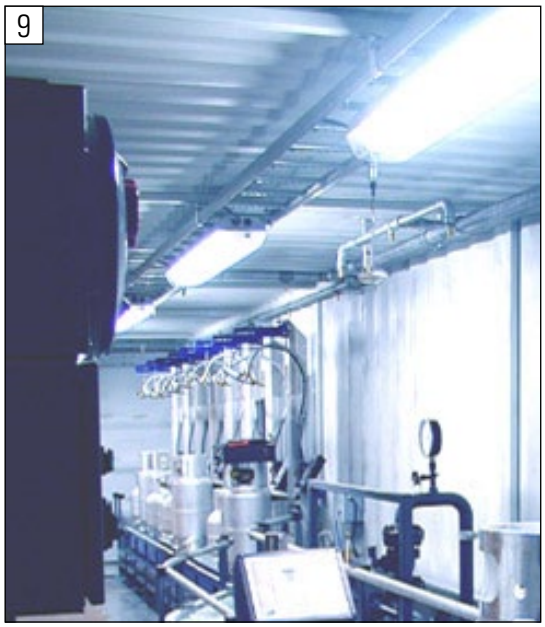
Ex-proof power panel for LPG pump unit

- Sirens
- Lightning protection
- Fire/gas alarm systems
- Firewater installation

Your safety

- Electrical engineering according to all known international norms
- All ex-proof electrical equipment is designed for use in hazardous areas classified as Zone 1 according to IEC 79-10 and Class I, Division 1 according to NEC (USA), article 500
- National/local approvals

Kosan Crisplant's CPI-Ex for supply of power and data to intrinsically safe network



Example of lighting