

Portable Diesel Ignition System



On and Offshore Oil and Gas fields, refineries, water treatment plants, waste sites and other installations have flares to burn off excess gas.

Dabbrook Services Ltd can provide a solution to your flare ignition process.

We are an approved distributor for **TeSI** SRL ignition systems and spares.

Dabbrook Services Ltd offers high-performance spark generators, for applications where the distance from the spark generator to the igniter's electrodes is very large.

We can design Diesel Ignition Systems to suite your applications

Features

- Spark generators are usable in remote applications and operate with 12 Volts and 110 Volts.
- High energy units are based on capacitors and semiconductors properties.
- **The** ignition power supply is capable to provide very strong sparks of 36 Joules at different frequency (1 / 6 Hz).
- The spark is generated inside a special semiconductor sealed inside the firing tip, allowing good sparks also in exposure of humidity and dirt on the surface. That is why High Energy is the best system to ignite liquid fuels and biomass products.

Features Continued

- All TESI ignition power pack HE or HT are available for safe and explosion proof areas ATEX ZONE 1 II 2GD EExdIIB or EexdIIC.
- High energy devices are also available for ATEX II 2GD EEXdIIB or EEXdIIC area.
- Ignition devices power packs are also available for wall mounted or portable applications.
- Battery operated version are available on demand.

All Items are provided with Manuals and Certifications, Ignition Module Specifications, and Power Pack Specifications



Signal House, Morton Peto Road,
Harfreys Ind Est, Gt Yarmouth,
Norfolk, NR31 0LT, England



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Control Cabinet

The Control Cabinet is mounted on the Fuel Tank Skid Frame and contains the following:

- Main Control Panel
- Ignition Transformer



Main Control Panel pictured on the Left, Ignition Transformer pictured on the Right

Alternative Configuration



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Ignition Spares and Components



High Tension Generator



HT Bulkhead Connector Outlet



High Tension Cable Connector



High Tension Cable & Ignition Rod



High Tension Ignition Rod