

Igniter System Upgrade on a Tangential Boiler

Tanjung Awar-Awar Power Station, Indonesia

2 x 350 MW Tangential Coal-fired Boilers

Boiler supplied by Harbin Boiler Works

12 HSD Oil Guns, 20 x Main Coal Burners on each Boiler



Before

- OEM step-up transformers required frequent service/maintenance
- The spark rods are easily worn and corroded making service-life short
- Increasing cost for replacement power packs and spark rods

After

- Close cooperation between the end user and Safe Fire's technical staff revealed core issues with spark ignition equipment
- Safe Fire's cost effective S-80-02 HESI and spark rod assembly was installed to demonstrate performance improvements

Results

- Increased spark quality for effective HSD ignition
- Significant cost savings to the end user by reducing startup delays caused by difficulties in lighting the fuel
- The spark ignition systems are now actively being upgraded