

Did You Know?

INFO

Greens services expand so much further than just burner supply....



Revamps

- Fully automated, zoned, high energy retractable ignition and detection systems.
- Supply of air ducting, gas pipework, fuel skids, burners, refractory, LCP, ignitors, retraction, scanners and controls.
- Mechanical and electrical installation.

Efficiency

- Complete reburnering of 4 SMR radiant wall furnaces (1450 burners).
- NOx reduction of 48%.
- Proven efficiency saving of 2.3% / reduction in CO2 emission's.
- Mechanical installation.



Emissions

- Minimised modification kits 144 burners per cracker.
- NOx reduction of 62%, efficiency and CO2 savings.
- Increase of cracker life span operational window exceeding 15 years.
- Vast savings in CO2 footprint when compared to complete revamp and reinstallation

Site Surveys

- Condition assessment and reporting on 12 heaters across site.
- Modernisation and repair of all burner equipment (supply and install).
- Catalogue / database c/w recommended replacement intervals and automatic re-ordering.

Future Fuels

- This month our reformer burners will be fired on our test rig for three separate clients on CO2 eliminating / capturing fuels.
- 100% Ammonia firing
- 100% H2 firing
- 100% Synthesised air firing
- We will also be demonstrating 100% Ethylene firing