wood.

Legacy Foster Wheeler business

Technology licensor for **sulphur recovery complex**

Highly efficient sulphur recovery up to 99.99%, meeting the most-restrictive emissions standards and ground-level SO_2 concentration limits

Amine treating

Sour water stripping

Sulphur recovery

Tail gas treating

Sulphur degassing and handling

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Our sulphur technology is continually improved to ensure the highest reliability and recovery efficiency of any sulphur recovery technology on the market while incorporating many features that improve plant safety, reduce maintenance costs, improve energy efficiency and simplify operations.

High efficiency
Overall sulphur recovery capability to 99.99%, allowing the most-restrictive emission standards and ground-level SO_2 concentration limits to be met.

Longer life expectancy
Low operating temperature of our proprietary acid gas burner materials increases the burner life span and eliminates the need for refractory in the burner.

Optimized plant layout
Compact footprint and modular design capability improve operability and maintenance and reduce the onsite construction work hours, overall project schedule and capital cost.

Well-proven track record
Our designs result in predictable performance and robust operation that meet desired performance, emissions and product quality requirements.

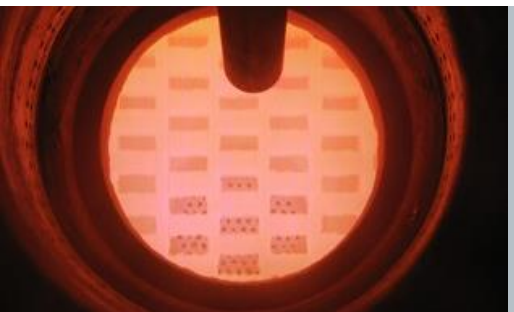
Revamp and retrofit solutions

- Optimize unit capacity and improve operability and performance
- NOx, SO_2 and CO emissions reduction
- Minimize fuel consumption with optimized tail gas incinerator
- Heat recovery to improve energy efficiency
- Reduce utility consumption
- Improve operation of treating units when transitioning to renewable diesel
- Reduce environmental impact by replacing degraded or damaged sulphur pit with above ground sulphur collection and storage

Contact us at
www.woodplc.com/sulphur

Fully integrated with the thermal reactor, the proprietary acid gas burner provides **thorough ammonia destruction and low-level oxygen enrichment operation**

- Symmetric flow in center air barrel
- High momentum at acid gas holes, uniform penetration
- Flame attachment and symmetrical expansion into thermal reactor



Unobstructed view through the burner to the front of the boiler tube sheet providing operators the ability to monitor operation and conditions of thermal reactor and refractory