

Global After-Sales Energy Expertise & Services



Technical Expertise

- Dry Ice Cleaning by CO₂
- Remaining Life Time Assessment (RLTA)
- Training



Engineering & Executing Services

- Cycling operation capability analysis
- Energy saving and performance upgraded
- Customized services for feasibility study



Revamping & Repair

- Re-engineering of existing designs
- Engineering and installation of specific equipment

Your Partner all over the World

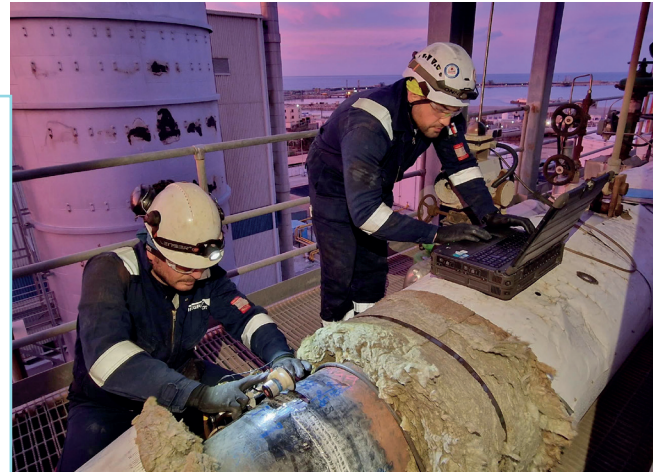


A team of Experts at your Service

John Cockerill Energy offers a wide range of technical services and advices to modernize, repair or overhaul boilers of all power ratings and from all boiler manufacturers; including conventional drum type boiler and once through boilers.

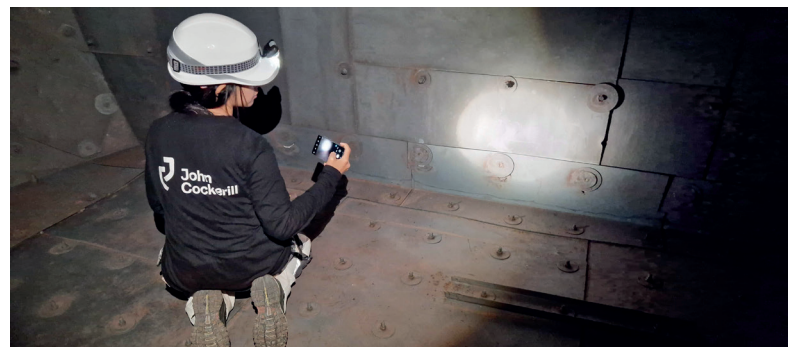
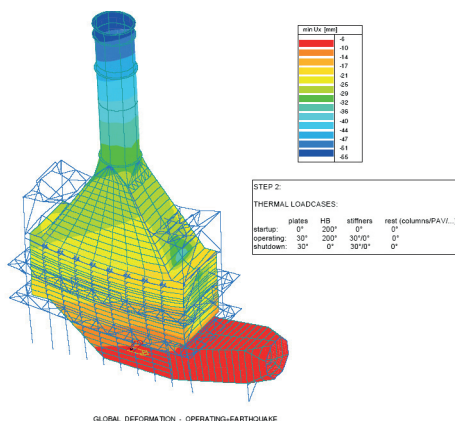
Technical Expertise

- Boiler inspection allows the best diagnosis and draws up the most adequate durable corrective solutions
- HRSG Dry Ice Cleaning by CO₂ helps to improve efficiency of your equipment and to reduce any risk of corrosion or tube damage
- Remaining Life Time Assessment (RLTA): operation parameter analysis, replica, inspections, calculations diagnostics and evolutions
- Qualified supervision to follow implementation of revamp work or on turnkey basis solution
- Trainings: maintenance and inspections, process, water chemistry, life time extension



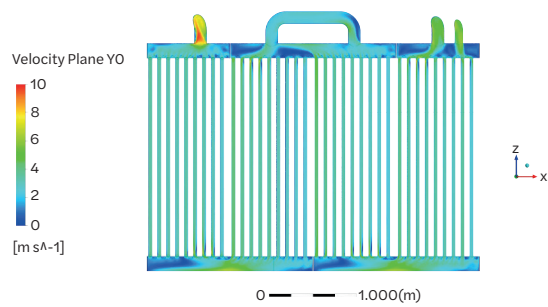
Revamping and Repair

- Re-engineering of existing designs from any boiler manufacturer: ducting, insulation and expansion joint redesign, diverter damper, diffuser, silencer, including Computer Flow
- Dynamics (CFD), burner upgrades
- Pressure parts improvements for recurrent failures occurring on any boiler including complete heat exchangers replacement and performance upgrades
- Engineering and installation of specific equipment on any boiler in operation, e.g. adding SCR, burners, a lift, sootblowers...



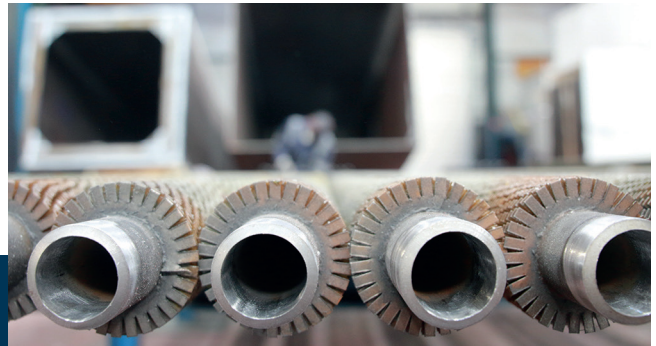
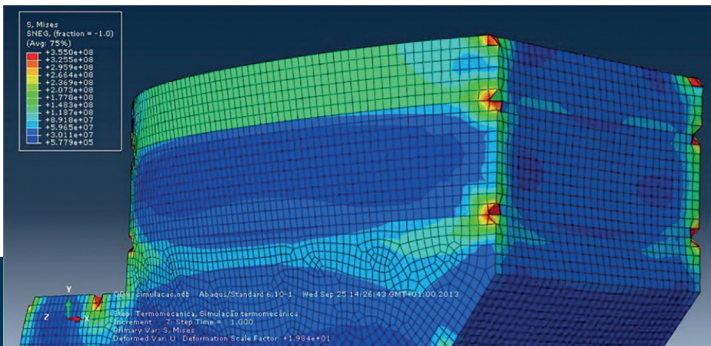
Engineering & Executing Services

- Calculation of boiler new performances with gas turbine upgrades, process modifications, thermal performance calculations, customized services for feasibility study...
- Seismic design, piping behavior analysis and flexibility analysis
- Cycling operation capability analysis



Spare Parts

- Supply of genuine spare parts
- Recommendations for strategic spare parts storing
- Interchangeability customized solutions
- Frame agreements for spare parts supply



Towards a more Sustainable World

John Cockerill's expertise in steam production dates back to 1817. Its know-how as a designer and supplier of heat recovery boilers is recognized worldwide in the market of power generation.

Resolutely turned towards the future, entrepreneurship is key at John Cockerill and our moto is **responding to the needs of our times** by developing innovative solutions to encourage access to energy, **reducing emissions** and help you produce **sustainably**.

Discover our other specialities in power generation:



Cooling Systems



Solar & Thermal Storage



Integrated Renewable Solutions

John Cockerill Energy Worldwide

Belgium – France – Spain – Saudi Arabia – Indonesia – South Korea – Brazil – Canada – USA

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