



CMI ENERGY

Global Aftersales  
Boiler Expertise &  
Services



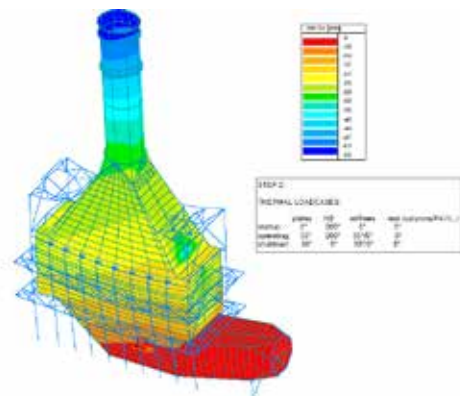
Your Partner  
all over  
the World

# A team of experts

CMI 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.

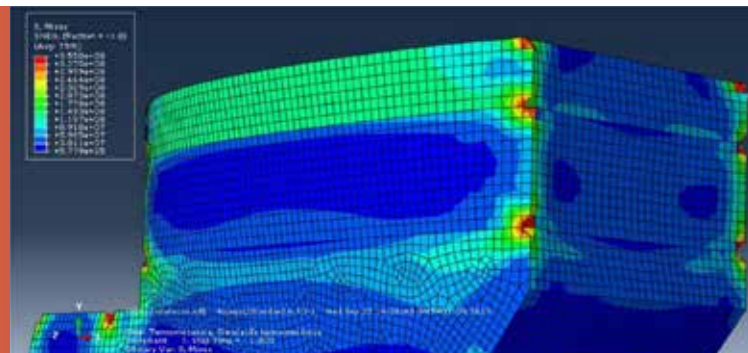
## TECHNICAL EXPERTISE

- Boiler inspection allows the best diagnosis and draws up the most adequate durable corrective solutions
- HRSG Dry Ice Cleaning by CO<sub>2</sub> 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
- Boiler Stress Evaluator: HRSG on line monitoring and life time follow-up. This support ensures a reliable statement and allows to provide a customized maintenance plan of your boilers
- 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

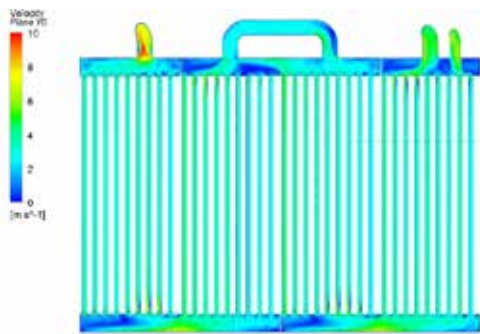
- Re-engineering of existing designs from any boiler manufacturer: ducting, insulation and expansion joint redesign, diverter damper, diffuser, silencer, including Computer Flow Dynamics (CFD), burner upgrades
- Pressure parts improvements for recurrent failures occurring on any boiler including complete 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...



# at your service!

## 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 behaviour 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





**CMI ENERGY**

## Global Aftersales Boiler Expertise & Services

CMI was founded in 1817 by John Cockerill, a real industrial genius who established his activities in Seraing (Belgium), where CMI is still established today.

For 200 years CMI has been specializing in steam generation.

For 50 years, CMI Energy has acted as a global leader in the design, supply, assembly, commissioning and aftersales services of Heat Recovery Steam Generators (HRSGs) for combined cycle power plants, for cogeneration, integrated solar combined cycles and industrial applications. Over 700 CMI HRSGs are installed worldwide behind gas turbines of all brands and power ratings.

CMI Energy's highly qualified teams provide you technical advice and can re-engineer your boilers of all brands and power ratings. CMI offers wide-ranging aftersales solutions and technical support, superior engineered equipment and dependable replacement parts.

WWW.KNOX.BE - JUNE 2017

### Global Aftersales Boiler Expertise & Services

Avenue Greiner, 1  
4100 Seraing - Belgium  
Tel : +32 4 330 22 39  
hrs.aftersales@cmigroupe.com  
[www.cmigroupe.com/hrsg-aftermarket-solutions](http://www.cmigroupe.com/hrsg-aftermarket-solutions)



**Cockerill Maintenance & Ingénierie**