



Testing and Consultancy in Process Engineering

Combustion and Milling Systems Diagnosis, Guarantee Trials and Techno-Economic Assessment of Technologies:

- **Combustion Diagnosis** for efficiency improvement and NOx emissions reduction, control of carbon-in-ash, slagging, corrosion and CO formation. Identification of malfunctions and operational optimization potential, and proposal of improvements.
- **Assessment and Guarantee Trials** of pollutant control equipment in order to comply with contractual values
- **Consultancy Services** on process engineering for new technologies assessment and market analysis, tuning of combustion technologies for the consumption of new fuels and/or training courses on process technologies
- **Management and Execution** of R&D projects concerning combustion optimization, efficiency improvement and emissions reduction

Results:

- **Process diagnosis and guarantee trials**
- **Identification of optimized and cost-effective customized solution**
- **Efficiency improvement and emissions reduction**
- **Solution of malfunctions and operational problems**
- **Preventive and corrective maintenance identification**
- **Unit availability and flexibility improvement**