BLAST FURNACE REVAMPING

An efficient preparation and a proactive team to ensure that the Restart is On Time.

You want to achieve a new construction, modification, repairs and/or optimization with controlled production and guaranteed safety for your blast furnace project.

Boccard is an industrial integrator that strives to offer you the best, most cost-effective and safest choice in heavy industrial manufacturing. We offer innovative and integrated solutions for the construction of your Blast Furnace. By using our global expertise and resources in all skill sectors we are able to fully manage the project from start to finish.
LIFTING/WELDING PROVEN TECHNICAL PERFORMANCES

Lifting solutions
- Experience in handling heavy loads

Thick welding
High performance welding processes qualified by Boccard (Innershield, coated electrodes), all positions:
  - Max 120mm thickness with Post Weld Heat Treatment (PWHT)
  - Max 80mm thickness without PWHT

Welding quality
- Optimization studies of the welding processes and metallurgical preparation
- 100% of the welders are qualified
- Implementation of continuous controls throughout the NDT (UT, MT, PT, VT, RT)
- Boccard achieves 100% of the WPQR (Welding Procedure Qualification Record)

MEANS DEVELOPED TO MEET YOUR REQUIREMENTS

Fixed and mobile platforms
- Design studies
- Manufacturing
- Commissioning

Cooling system
Boccard studying the best solutions to optimize the cooling of blast furnaces:
  - Engineering
  - Channel cooling manufacturing

3D laser
- 3D modeling for a tailored integration of the shell’s parts

YOUR BENEFITS

- Reactivity for a systematic management of hazards
- Risk removal of the interfaces associated to multi-disciplines proposed by Boccard
- Expertise in the management of subcontractors
- Significant mobilization of qualified operational resources
- Proven experience in managing complex projects
- Safety procedures implementation before the shutdown
- Works before shutdown are optimized in order to generate free periods

A CUSTOMIZED EXPERTISE

Boccard accompanies you and realizes for you the following specific operations:
- Studies, calculations
- Heavy load lifting
- Thick welding

AN INNOVATIVE APPROACH

Procedures of operations
After an organized preparation and planification period, Boccard develops processes to handle equipment inside of the blast furnaces (staves, etc.) involving mechanized and robotic solutions.

These technologies guarantee secure operations (Safety first).
BOCCARD CONSTRUCTION MAINTENANCE

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A global reach with local capabilities