

SBS_{ENG}

STEEL PLANT ENGINEERING PROFILE

⌚ : www.sbs-eng.com

Advanced Engineering &
Technical Consulting for
Steel Plants

SBS Engineering Company provides engineering, consulting, commissioning and project management services for steel and mining industries.

LIST OF CAPABILITIES

Technological Consulting Services

- Process consulting across the full steel production chain—from raw materials to final products—using modern, high-efficiency technologies.
- Requirement analysis and techno-economic feasibility studies for new steel plants and expansion projects.
- Technical and contractual consulting for tenders, bid evaluations, and equipment procurement.
- Development of detailed technological specifications for steel and mining industries.
- Technology upgrading and redesign of steelmaking equipment and production lines to improve performance.
- Preparation of dynamic, comprehensive expansion plans for steel and mining facilities.
- Consulting services for fluid and energy optimization and reduction of operational consumption.
- Advisory services for industrial residue utilization and waste minimization.

Designing & Engineering Services

- Conceptual and basic engineering for steel industry development and expansion projects.
- Detailed design and engineering for steel plant equipment, systems, and production lines.
- 3D modeling, simulation, and analysis of equipment and production processes using specialized engineering software.
- Technical inspection, equipment assessment, and quality control for industrial machinery and components.





Engineering Excellence. Industrial Reliability.

“Delivering precise, efficient, and future-ready engineering solutions that strengthen the performance and sustainability of steel plants.”

Material & Equipment Supply

We also act as a reliable sourcing partner, supplying the critical materials, spare parts and consumables required for steel plant construction, commissioning and ongoing operation.

Site Operations

- Project management and supervision during steel plant implementation and construction phases.
- Coordination of project planning, progress monitoring, and contractor interfaces.
- High-level (supreme) supervision to ensure engineering compliance and quality assurance.
- Industrial claim management and documentation review.

Technical & Operational Knowledge Transfer

- Development and implementation of operational, production, maintenance, and management systems.
- Technical consulting and engineering support for commissioning and operation of main and auxiliary production lines.
- Specialized training programs, including on-the-job instruction and advanced technical courses during plant operation.

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