



SBS_{eng.}

MINING ENGINEERING & PLANT SETUP SERVICES

: www.sbs-eng.com



Engineering, equipment supply,
and technical execution for
mining and mineral processing
facilities.

Integrated engineering and execution solutions for
efficient and reliable mining operations.

CORE CAPABILITIES

Mining Plant Engineering & Setup

Capabilities

- Process flow design (PFD)
- Equipment layout and plant arrangement
- Capacity calculation and production sizing
- Equipment specification and datasheet preparation
- Technical evaluation of suppliers
- Engineering based on international mining standards

Mining Equipment Supply & Installation

Scope Includes

- Supply of mining and mineral processing equipment
- Crushing and screening systems
- Grinding and milling units
- Conveyors, feeders, and bulk material handling systems
- Mechanical erection, leveling, and alignment
- Installation supervision and quality control

Mineral Processing Systems

Capabilities

- Classification and separation systems
- Gravity separation equipment
- Flotation and beneficiation systems
- Dewatering, thickening, and filtration units
- Process integration and optimization
- Spare parts and consumables support





Electrical, Instrumentation & Control Works

Scope Includes

- Power distribution and cabling
- Electrical panels, MCCs, and switchgear
- Automation and control systems
- Instrumentation installation and calibration
- Control loop testing and verification
- Safety and monitoring systems

Pre-Commissioning & Commissioning

Activities

- Mechanical completion checks
- Pre-commissioning inspections
- Flushing, cleaning, and preparation
- Functional and performance testing
- Control system validation
- Equipment start-up support
- Handover documentation

Maintenance & Technical Support

Activities

- Preventive maintenance services
- Corrective maintenance and repairs
- Mechanical troubleshooting
- Equipment condition assessment
- Shutdown and planned maintenance support
- On-site technical assistance

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