

Steelmaking

Proven expertise, extensive experience

JNE Consulting Ltd. has proven expertise and extensive global experience to achieve safety, quality, yield and production improvements in the steelmaking process. JNE's multi-discipline capabilities ensure a smooth transition from the conceptual stage through to completion.

Rigorous procedures and systems are coupled with the flexibility of an entrepreneurial organization and willingness to work side-by-side, hand-in-hand with our clients all in the pursuit of safety, quality, efficiency and cost effectiveness.

In addition to basic engineering and construction engineering services, we also provide project management and construction management supporting services, including estimating, construction trade coordination and Quality Assurance/Quality Control.

Our efforts are focused on achieving improvements in safety, quality, yield and production at all stages of the steelmaking process. We can help provide the tools, knowledge and technology to ensure our clients achieve world class steel production.

Safety

Develop new equipment and practices that will directly impact plant safety.

- Slab caster submerge entry nozzle manipulator
- Tap hole lance robot device

Quality

Equipment solutions to reduce product loss from operational or equipment impact.

- Slag detection, (furnace, ladle, tundish)
- Mold level control

Productivity

Develop projects to reduce steelmaking process cycle time.

- Furnace auto tap
- Auto ladle slide gate sanding

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Proven expertise, extensive experience (continued)

Reliability

Develop projects to improve equipment performance and reliability.

- Ladle laser measurement system
- Furnace laser measurement system

Cost reduction

- Local furnace drive isolation
- Remote control pit cleaning equipment

In all cases, our goal is to complete projects on time, under budget, and on scope with a total dedication to safety.

