

Engineering & Project management



Meeting the highest standards through outstanding project management

As an enterprising partner, Fives delivers various types of projects, bringing its OEM expertise and project management skills to achieve the highest levels of performance:

- From engineering to plant commissioning
- From equipment supply to complete plant delivery
- Either for greenfield, brownfield or revamping project
- Tailor-made project organization and delivery scheme (EP, EPC, EPCM)

A comprehensive expertise to meet all project needs

From equipment supply to complete plant delivery, either for greenfield, brownfield or revamping project, Fives masters every single aspect of a complete project execution:

- Process design and sizing, CFD modelling
- Plants and systems integration
- Mechanical engineering
- Electricity, Instrumentation and Automation engineering
- Civil engineering
- Proprietary equipment manufacturing
- Packing & Transport Logistics
- Civil works
- Erection & commissioning
- Training & technical assistance
- Customer services

For all kinds of projects, Fives mobilizes all the required resources:

- Proprietary technologies for crushing, pyroprocessing, grinding, combustion, gas treatment, process control...
- Dedicated project manager and project team
- In-house project management skills: planning, procurement, logistics, quality & inspection...
- Multidisciplinary trades: process, civil, mechanical, electricity/automation...

Fives relies on an outstanding project management to achieve a successful completion:

- High-quality project scheduling, control and monitoring
- Interfaces management with suppliers and clients
- Panel of qualified suppliers and contractors
- Risks analysis and mitigation
- Project management oriented towards anticipation and proactive planning
- Close involvement and interaction with the client during all the phases of the project
- Strong commitment to HSE & Quality



Research & Testing Center

Thanks to its in-house Research & Testing Center, Fives benefits from comprehensive raw materials and process testing facilities to develop innovative products and technologies.

Tailor-made projects scheme

Fives implements tailor-made project organization and delivery scheme to meet all types of requirements:

- Engineering
- EP
- EPCM
- EPC - turnkey delivery

HSE commitment

Fives is committed to quality control, safety and environmental protection and has implemented a strong HSE policy in all its activities.

Fives also extends its safety management to its sub-contractors to create the appropriate state of mind and practices for safe working conditions.

- **Cementos Fortaleza (Elementia Group), Mexico - 3,300 tpd EPC**
- **QNCC, Qatar - 2x5,000 tpd / 4,000 tpd EPC**
- **ECDE, Algeria - 6,000 tpd EPC**
- **Lafarge Republic Inc., the Philippines - Grinding plant EPC**
- **Cimar, Brazil - Grinding plant EP**
- **Holcim, Brazil - 4,500 tpd EP**
- **SWCC, KSA - 1,000 tpd (White Cement) EPC**
- **Holcim-Aspasco, Mexico - 3,500 tpd EP**
- **Lafarge-Titan, Egypt - 4,000 tpd EPC**