



Civil & Structural Engineering for Industrial Facilities

Reliable engineering solutions for industrial infrastructure.

CIVIL & STRUCTURAL ENGINEERING FOR INDUSTRIAL PROJECTS

INNOVA Engineering provides civil and structural engineering services for industrial facilities operating under strict technical and operational constraints.

We support both new developments and modifications to existing structures, with particular focus on the following:

- Structural verification and requalification of existing facilities.
- Integration of heavy or critical equipment within operating plants.
- Adaptation and reinforcement solutions under real construction constraints.

Our approach combines sound engineering judgment, constructability criteria, and alignment with project quality and documentation requirements.

Our scope typically includes:

- Structural design and analysis (steel, reinforced concrete, and mixed structures)
- Technical assessment and verification of existing structures
- Engineering documentation for construction, bidding, and execution phases
- Technical support during design development and construction stages



HOW WE WORK

Our engineering services are typically integrated within multidisciplinary industrial projects where structural reliability is critical.

We contribute through:

- Load capacity verification and structural assessment prior to equipment installation.
- Reinforcement and modification design adapted to operational environments.
- Technical documentation structured to support review, approval, and execution stages.

This approach allows clients to reduce uncertainty, improve technical clarity, and avoid costly structural adjustments during construction.

PROFESSIONAL BACKGROUND

INNOVA Engineering is led by a senior civil and structural engineer with over 25 years of experience in industrial and infrastructure projects.

- Participation in large-scale projects within the oil & gas, mining, cement, and industrial sectors.
- Professional experience working on projects in Argentina and internationally.
- Strong background combining technical rigor, practical judgement, and real construction and operating constraints.



SELECTED EXPERIENCE

INNOVA Engineering has participated in a wide range of industrial and infrastructure projects, supporting clients across all stages of development and operation.

Relevant experience includes:

- **Structural design and verification** of industrial facilities (steel and reinforced concrete)
- **Assessment, reinforcement, and expansion** of existing structures under operation.
- Engineering support for **oil & gas, mining, cement, and industrial plants.**
- Technical analysis and engineering documentation **to support** early-stage decision-making, bidding, construction and execution

Typical assignments include:

- Structural verification for equipment integration in industrial manufacturing facilities.
- Reassessment and reinforcement of reinforced concrete and steel structures under continuous operation.
- Engineering support in environments requiring high reliability and technical traceability.

INDUSTRIES & SECTORS

The firm works across industrial and infrastructure sectors where reliability, safety, and continuity of operation are critical.

- **Oil & Gas:** production facilities, processing plants, auxiliary structures
- **Mining:** industrial plants, evaporation ponds, infrastructure, heavy-duty structures
- **Cement & Industrial Manufacturing:** process plants, foundations, structural systems under continuous operation
- **Energy & Utilities:** foundations for dynamic equipment (turbines, compressors, rotating machinery)
- **Industrial Infrastructure:** pipe racks, platforms, foundations, drainage systems, access structures

WHY INNOVA ENGINEERING

INNOVA Engineering focuses on technically sound and constructible solutions tailored to demanding industrial environments.

The objective is to support clients in making reliable decisions before execution, minimizing risk and ensuring alignment with operational and quality standards.

- Each project is approached based on its real conditions, operational constraints, and the project's level of definition.
- This allows clients to reduce uncertainty, optimize structural solutions, and make informed decisions before execution.
- The work is developed through clear scopes, realistic timelines, and direct technical involvement throughout the project.

CONTACT

Engineering decisions shape real-world outcomes.

Let's define the right technical path for your project.

INNOVA Engineering Civil & Structural Engineering

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 Argentina | International Projects

