



SECODISA has integrated within its services; the development of in-house Engineering

Services:

- Conceptual and Preliminary Engineering
- Detailed Engineering
- Drawings for shop fabrication

- Technical and Economic Feasibility Studies
- Investment Budgets

Scope according to the discipline:

■ **Civil, Structural and Architectural**

- Topography and Soil Mechanics
- Design and Calculus of Foundations
- Design and Calculus of Structures
- Design and Calculus of Storage Silos
- Design and Calculus of Industrial Warehouses

■ **Calculus and Design of Systems**

- Firefighting Systems
- HVAC
- Dust Collection Systems
- Pressure Vessels
- Control and Automation
- API Tanks

■ **Mechanical Discipline**

- Design of Mechanical Facilities
- Secondary Equipment Design and Calculation
- Piping Design and Calculation
- Mechanical Investment Estimate
- Flexibility Analysis

■ **E&I Discipline**

- Design of E&I facilities
- Short Circuit and Electrical Studies
- Voice and Data Networks
- Power Design
- Lighting Design
- Grounding Design
- Control and Automation
- Investment Estimate

■ **SOFTWARE**

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|--------------------|---------------|
| ● PVElite | ● Compress |
| ● HTRI | ● Staad Pro |
| ● Tekla Structures | ● Estrucard |
| ● Bjac | ● Solid Works |
| ● AutoCad | ● PDS |

25 Years of experience in fields such as:

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|------------------------|---------------------|
| ● Iron and Steel | ● Mining |
| ● Petrochemical | ● Textile |
| ● Agriculture Industry | ● Concrete Industry |
| ● Basic Chemical | ● Water Treatment |
| ● Food Industry | ● Cryogenic Plants |
| ● Metallurgical | ● Pharmaceutical |
| ● Pulp and Paper | ● Transformation |

