



Industrial Structural Engineering

Industrial structures pose unique challenges, from complex loads and equipment integration to strict safety and performance standards. Our engineers have the expertise and hands-on experience to deliver stable, durable, and efficient solutions for a wide range of facilities, including hospitals, telecommunications centers, power plants, and chemical or nuclear sites.

We offer structural design services and Prime Consulting tailored to your current needs—while remaining flexible for future expansions or modifications.

We provide consulting and engineering for the following industries:

- Airports and transportation
- Energy and power generation
- Telecommunications
- Healthcare
- Chemical
- Food and beverage
- Manufacturing
- Utilities
- Pharmaceutical
- Waste, waste water and pollution control



Our services:

Structural Support Design

- End-to-end structural support engineering
- Design of pipe racks, guides, anchors and hangers
- Support span calculations
- Custom structural steel framework and foundations
- Seismic bracing for pipes and equipment

Pipe Stress Analysis Services

- Thermal expansion contraction
- Seismic and wind loads
- Internal pressure, vibration and fatigue

Seismic Design

- Building code compliance
- Dynamic analysis
- Site specific analysis

Ground Tanks Design

- Clarifier tanks
- Glycol tanks
- Container tanks

Vibrating Equipment Structural Support Design

- Foundation design
- Vibration and dynamic analysis