

Potable Water

Centenario Industrial Park features a robust potable water network, engineered to ensure a dependable, continuous, and high-quality supply, in accordance with technical urbanization standards for Class A industrial developments.

Technical Specifications:

- Main pipe: Hydraulic PVC class RD-41 (7.1 kg/cm²).
- Installed diameters: Ranging from 2", 4", 6", 8" to 10" (50 mm to 250 mm).
- Total installed length: Over 10,000 linear meters of the primary network.
 - Installation depth: Up to 3 meters, utilizing dry mechanical excavation (Type A and B materials).
- Pipe support: Sand template and ribbing with a 20 cm thickness.
- Trench fill: 90% Proctor compaction utilizing selected materials in 20 cm layers.
- Home connections: Each outlet is equipped with 32 meters of RD-41 PVC pipe.
- Sectioning valves: Diameters of 2", 4", 6", and 8" subjected to hydrostatic testing.
- Valve operating boxes: Prefabricated with reinforced partition walls, floors, and concrete slabs with a compressive strength of $f'c = 200 \text{ kg/cm}^2$.
 - Specialized components and accessories: Tees, crosses, reducers, spigots, and bell ends installed in accordance with the hydraulic design.

Regulations and Technical Guidelines:

- Design in compliance with CONAGUA specifications and municipal drinking water regulations.
- Topographic and pressure specifications accompanied by installation, strength, and leak-tightness assessments.

Strategic Benefits:

- High capacity and consistent pressure: tailored for industrial processes and office environments.
- Modularity: facilitates expansion or sectorization without disruption of supply.
- Durability and minimal maintenance: certified materials, regulated installation, high-strength components.
 - Network with strategic valves: enables maintenance and repair without interrupting overall service.
- Dependable supply from the commencement of operations.
- Assists in acquiring operational, health, and environmental permits.
- Foundation for filtration, cooling, processing, or fire protection systems.

Water Storage Reservoirs

The Centenario Industrial Park boasts storage tanks constructed from food-grade stainless steel, engineered to provide exceptional durability, hygiene, and structural integrity in challenging industrial settings.

General Technical Specifications (two models):

Tank 1:

- Capacity: 1,519 cubic meters
- Diameter: 15.05 m
- Height: 8.54 meters
- Rings: 7
- Material: Stainless Steel T-304-2B

Tank 2:

- Capacity: 512 cubic meters
- Diameter: 8.74 meters
- Height: 8.54 meters
- Rings: 7
- Material: T-304-2B Stainless Steel
- Self-supporting conical roof constructed from stainless steel.
- The bottom and body are entirely welded using 316-L filler.
- 5-6 rings with wind pokers (3x1 inch or 2x1 inch).
 - 40x40 cm inspection access panel.
- Three cable ties measuring up to 10 inches, accompanied by a stainless steel reel.
- Measurement strip.
- Supported wind speed: 160 km/h.
- Seismic zone: A.
- Three cable ties measuring up to 10 inches, accompanied by a stainless steel reel.
- Measurement strip.
- Supported wind speed: 160 km/h.
- Seismic zone: A.
 - No epoxy coating or paint is necessary.
- Production in compliance with standards for drinking and industrial water storage.
- Extended lifespan and complete corrosion resistance: attributed to T-304-2B stainless steel.
- Sanitary design: appropriate for potable water.