



## TANK STORAGE SOLUTIONS

### BUFFER AND BIOLOGICAL TANKS > URBAN AND INDUSTRIAL EFFLUENTS



#### APRO INDUSTRIE

For more than 35 years, APRO Industrie has been designing, manufacturing, installing and performing maintenance on bolted steel tanks and roofs. Apro offers a turnkey solution for the storage of liquids.

Founded in 1987, APRO Industrie has quickly become a key player in the supply of liquid storage solutions for urban and industrial effluents.

Today, APRO Industrie represents:

- > Over 20,000 tanks in operation
- > Tanks with a capacity of up to 10 000 m<sup>3</sup>
- > Tanks installed worldwide
- > Global expertise in liquid storage

#### SOLUTIONS

Bolted metal tanks for the treatment of municipal and industrial effluents.

[Design](#) · [Manufacturing](#) · [Installation](#) · [Maintenance](#)

#### APPLICATIONS

- > Buffer tanks
- > Aeration tanks
- > Activated sludge tanks (SBR, MBBR)
- > Activated beds

#### ADVANTAGES OF THE BOLTED SYSTEM

- > Competitive price
- > Reduced transport costs (compact tank kit delivered on site)
- > Factory-controlled quality of the tank kit (integrated unit)
- > Durable solution
- > Simple, fast, and safe assembly
- > Modular (volume augmentation, disassembly, and reassembly possible)
- > Simplified maintenance

#### SERVICES

We share our experience and expertise through:

- > An engineering office dedicated to the design of our tanks for any geographical location
- > A production unit that gives us complete control over the manufacturing process
- > An efficient logistics service in France and worldwide
- > A team of project managers ensuring consistent follow-up and technical management from design to commissioning
- > Experienced supervisors and technicians trained to comply with all regulatory requirements
- > A reliable and responsive after-sales service
- > A QHSE culture based on continuous improvement (MASE certification)
- > Technical support available worldwide

#### STANDARDS

Our tanks :

- > Meet the design codes EUROCODES/AWWA, and other specific design standards
- > Are designed to withstand local environmental conditions (seismic activity, wind, snow)

## BUFFER AND BIOLOGICAL TANKS

APRO Industrie tanks are entirely prefabricated in the factory to guarantee a consistently high and reliable level of quality.

### STRUCTURE

- › Our cylindrical tanks are made of prefabricated steel panels, delivered as a kit, and assembled on site.
- › We offer different materials, adapted to each use and type of product to be stored:
  - Glass-fused-to-steel (enamelled)
  - Epoxy-coated steel
  - Stainless steel (304, 316L)
  - Galvanized steel

### WATERPROOFING

The structure can be waterproofed using:

- › Liner: prefabricated in the factory to the exact dimensions of the tank.
- › Mastic joint: applied between the panels

### TANK ROOFS :

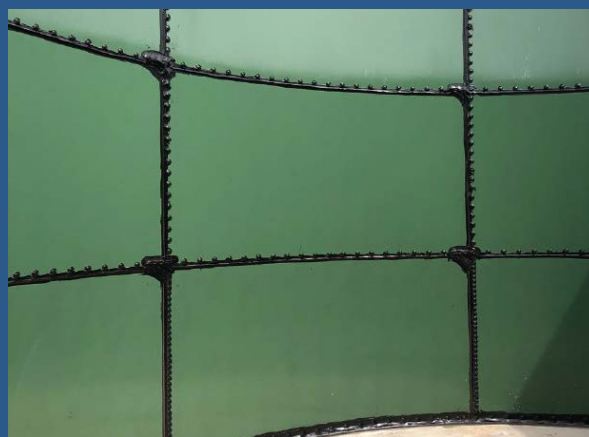
- › We offer roofs designed for our tanks and their contents. They are self-supporting and made of materials suitable for the stored liquids and potential gas zones:
  - Aluminium roofing
  - Composite or GRP roofing
  - Glass-fused-to-steel, epoxy, or stainless-steel roofing
- › These roofs provide excellent resistance to saline environments, industrial processes involving chemicals, and wastewater treatment conditions.
- › Their high resistance to corrosion and UV radiation ensures a long service life.

### CONCRETE SLAB

- › Our tanks are anchored on a concrete slab, which provides a stable mechanical base.
- › In the case of mastic sealing, the slab serves as the tank floor. The concrete must therefore be treated and/or coated with a suitable resin to ensure watertightness. A metal floor can be provided upon request.

### ACCESSORIES AND OPTIONS

- › Lateral manway
- › Single or double flange connections
- › Specific openings for the installation of an agitator
- › Support of piping and guide bars
- › Agitator and hydro-ejector
- › Roof inspection hatch
- › External ladder with safety cage, reinforced lateral platforms with inserts, and brackets for handling internal equipment



> FIRE PROTECTION

> URBAN AND INDUSTRIAL EFFLUENTS

> OIL & GAS - ENERGY

> POTABLE WATER & PROCESS WATER

> TANK COVERS

> MAINTENANCE AND ANCILLARIES



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