



# DONELLI ALEXO S.R.L.

Licensee of **SAKAPHEN** Technologies



## Shop applied anticorrosive coatings and linings

### Company overview

**Donelli Alexo**, part of the Donelli Group (established in **1911**), is dedicated to meeting the **most demanding anticorrosion**, fireproofing and insulation needs of energy, petrochemical and chemical facilities onshore and offshore.

Most coating applications are carried out **in a state-of-the-art painting facility** located 20 km. North of Milan on the A4 Milan-Turin highway, nearby Malpensa International Airport. The facility's total area consists of **more than 20.000 m<sup>2</sup>**, of which **5.000 m<sup>2</sup> are closed shops**.

An **high-quality corrosion protection** is guaranteed by two **blasting** cabinet, four closed and heated **spraying boots** and a 15x3,5x3,9 m. **furnace** for heat-curing at temperatures up to 300°C.

All applications are carried out strict compliance with clients' specifications by a **UNI EN ISO 9001** certified company, with experienced and **trained personnel**, **certified supervisors** (i.e. NACE inspectors) and the most reliable inspection tools available in the industry. This ensures **schedule fulfilment**, and that projects meet **environmental, qualitative and safety standards**.

### Certification

Donelli Alexo is an UNI EN ISO 9001:2000 certified company since 1997 (Certificate IT03/0695 issued by SGS Italia S.p.A.).



Cuggiono facility: surface preparation and painting shop.



Small items coated externally.



Handling of large/heavy items is possible thanks to large areas and heavy-duty cranes.



Large vessels leaving the plant.

## A wide array of special coating applications

**Donelli Alexo**, which may also leverage on the experience, capabilities and infrastructure of the other companies belonging to the Donelli Group, is capable of offering an **extensive range** of customized, ad hoc designed services and applications.

In addition to the **typical anticorrosion systems**, **special coating applications** include:

- Solvent-free and vinylester tank coatings and linings (i.e. Belzona Technologies)
- Baked-phenolic linings for heat exchangers and condensers (Saekaphen Technologies)
- Corrosion-protection solutions for HVAC equipment (Blygold Technologies)
- Spray metalizing (zinc, aluminium and stainless steel)
- Waterbox lining
- Blasting with Metallic, Glass, Garnet and other Synthetic Abrasives
- Passive fire-protection
- Cold applied tapes for pipelines
- Riser lining and re-lining
- Application of polypropylene coating and tar-free polyurethane
- Anti-acid lining, anti-dust flooring
- Flange-face forming

For more information visit company **website**: [www.donelli.it](http://www.donelli.it).



Fire equipment cabinets ready for shipment.



Compressor rotor: ceramic filled high-solid abrasion resistant coating.

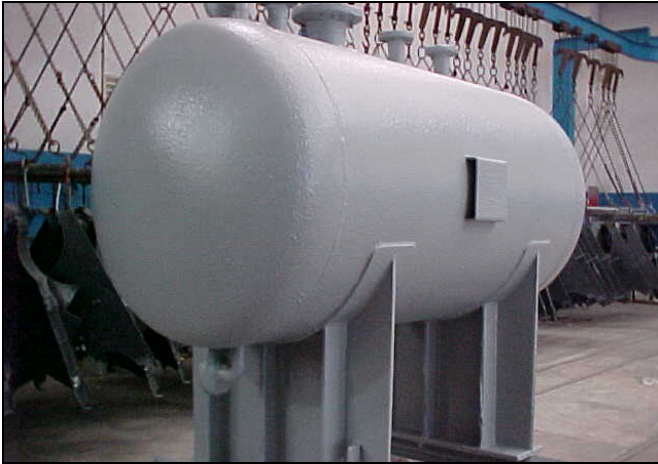


Railroads and hooks for fast and safe item handling.



Arc spray zinc metalizing in our shop.

## Vessel applications



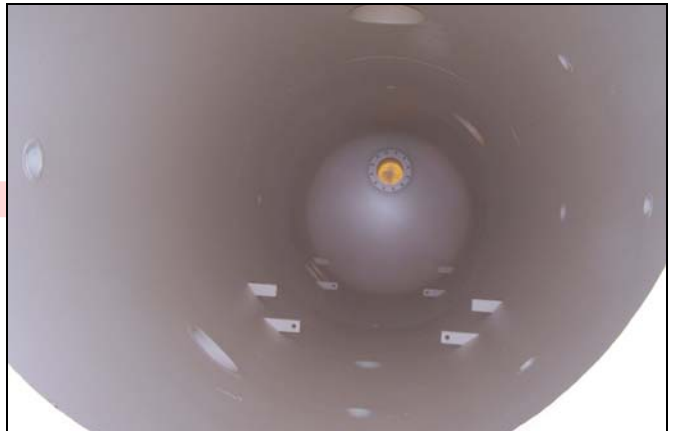
Passive fire proofing application.



External coating with different painting systems.



Flange face forming.



Internal vessel lining with high build, abrasion resistant glass flake reinforced polyester coating.



Coated vessels.



Vessels and filters coated with different painting systems.



Vessel lined.



External and internal coating of contactor.

## Heat exchangers lining

**Donelli Alexo** has a unit dedicate to protection of heat exchangers of various size and type using different systems depending on operating conditions and clients' requirements.



Shell side lining of shell-tube heat exchanger.



A finned pack heat exchanger, various removable bundles and 2 shell-tube heat exchanger prior curing (back).

## Other special applications



Stainless steel surface after glass abrasive blasting to provide smooth finish.



Pipelines coated with hot spray applied, high-solid, solvent-free, self-priming epoxy amine cured material.

## On site services



On site metallization of a tank.



On-site lining of condenser water-box with cold-cured, high-thickness product.