



silea

SPA

Capitale sociale 3.000.000,00 Euro interamente versato

**LPG AND PETROCHEMICALS PUMPING MEASURING AND PIPING EQUIPMENT
APPARECCHIATURE PER CARBURANTI, GPL, LIQUIDI CHIMICI E INDUSTRIALI**

SILEA: BRIEF INTRODUCTION

Silea S.p.A. , founded in 1968, after over 40 years of gradual and continuous development, can rely today on two plants located in Ozzano dell'Emilia (Bologna – ITALY).

Silea S.p.A. is recognized as a primary European manufacturer of equipment for the handling, the measurement, the transfer, and storage of petroleum product, hot and cold liquids, compressed gases (LPG), chemicals and industrial liquids.

In 2009, Silea opened a representative office in Moscow, in order to be closer to customers' needs and better serve the local market.

The whole value-chain of Silea (from design to after-sales) is ISO 9001 certified.

The production process is controlled by regulations and work instructions that define quality standards, which are monitored and certificated through periodic audits.

THE PRODUCTS

Silea S.p.A. includes in its wide range of products the following:

- Loading arms for hydrocarbons and vapour recovery (API couplers);
- Pipe fittings and safety components;
- Loading arms for fuels, LPG, and hydrocarbons;
- Loading arms for chemical and food industry;
- Equipment for road and rail truck tankers;
- Floating suction units;
- Folding stairs;
- Volumetric pumps, pumping units, and marine delivery groups.

Silea machineries

The production staff is equipped with state of art machinery with high automation, capable of maintaining an outstanding level of quality, while cutting costs of production.

The department has been equipped with the following machines:

- The rodent: To perform the welding preparation. It reduces the production of dust, as it replaces the use of emery.
- The sand blasting machine: To clean the welding joints and prepare the surface of materials to be painted.
- The automatic storage cabinet for raw components.

KEEPING OF HIGH QUALITY STANDARDS

The monitoring of the production starts from the Acceptance Test of all the sub components purchased by suppliers (West Europe) and continues with the internal examination process, ending with tests performed on 100% of the components on dedicated test-benches.

Having its own workshop, Silea can better and more closely monitor the quality of products; after the assembly of the components, functional tests and pressure tests are performed using compressed air which can also verify against micro-leakages. The results of tests are run by ad-hoc software.



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SILEA WELDING AND PAINTING PROCEDURES

Great attention is paid by Silea to special procedures such as welding and painting.

Particularly, the company is provided with welding robots to maintain a high quality of products over the time. Dedicated software verifies the maintenance of welding parameters within the limits set by requirements and the process is certified by third parties.

Both welders and welding procedures are certified (according to ASME or EN) by a registered certification authority.

Silea physically separates the welding departments of aluminium, carbon steel, and stainless steel, in order to eliminate the pollution caused by iron dust.

Along with specialists in the field, Silea established a unique cycle of painting suitable for marine and industrial environment, which is capable to guarantee a long duration of the protective treatment.

Specific equipments are used to prepare the material to be painted and provide a final SA 2,5 ISO 8504/8501 grade.

PRODUCTS CUSTOMIZATION

Silea provides its customers with high qualified technicians, in order to solve the customization needs and assist customers during the design, the carrying out, and the start-up phases of new projects.

Depending on the type of project, budget expenditure, and operational equipment Silea is able to provide insights and suggestion regarding the choice of materials to be used, sealing and balancing system. Silea technician staff can also provide detailed documentation regarding calculation, X RAY, and specific certification of materials (3.1B or 2.2 EN 10204).

A large inventory stock of standard products is available within 10 working days and spare parts for standard components are available in 24 hours.

Silea is able to keep quick deliveries depending on the product, ranging from four to six working weeks in case of special equipments.

Furthermore, Silea Packaging Department can provide ISPM FAO packaging and can organize shipment directly to customers' companies.

Silea products are CE marked and comply with all applicable European rules, including the Directive 97/23/CE (PED), 94/9/CE (ATEX) and 06/42/CE (MACHINES).

All Silea products are GOST-R and GazpromCert certified.



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