

# News Magazine

Pharmaceutical Industry



# **C.L.A.**

stainless steel processing

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[www.claschio.it](http://www.claschio.it)

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# C.L.A.

## Introducing

The cornerstone of our company philosophy is demonstrated in a job well-done, with the established methods and within the set times.

We offer our customers a complete and functional service. Our fast response to find solutions to satisfy customer requirements is the

result of unfaltering dedication and thirty years experience.

Our work is the best advertisement to attract new markets and new clients.

Our flexibility, both in terms of producing to customer's design and providing a design support service, makes us extremely

competitive on the market. Moreover we can manufacture products in compliance with procedure systems that are recognised by international inspection organisations.

**CLA is the right choice for you if  
you want precision and reliability!**

COMPANY WITH  
QUALIFY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =

## Stainless steel processing.



Skills

### **About us.**

CLA is a well-established company that has been specialising for over 30 years in the production of stainless steel and special alloy products with high quality and technological standards.

**The areas of application include:**

# Corporate Identity



- the chemical industry;
- the pharmaceutical industry;
- the foodstuffs industry;
- the energy industry
- and wherever customised precision processing is required.

CLA is synonymous with safety, guaranteed experience, professionalism and quality. Our design

and execution skills are reflected in all our work and in the numerous European companies that have bestowed their trust and preference on us.

We have invested in technology to optimise machining processes and we have invested in human resources to ensure we have the best professionals working for us.

These choices have benefited our customers by providing efficient targeted solutions.

The cornerstone of our company philosophy is demonstrated in a job well-done, with the established methods and within the set times.

[www.claschio.it](http://www.claschio.it)

*“We offer our customers a complete and functional service. Our fast response to find solutions to satisfy customer requirements is the result of unfaltering dedication and thirty years experience. Our work is the best advertisement to attract new markets and new clients.”*

## Introduction

**We continue to believe in the value of the customer as a fundamental resource for our work.**

**Your efficiency partner**

**We believe that:**

- above all our work must meet customer's expectations, objective that must be achieved and constantly maintained;
- we must offer solutions, even before the finished product;
- we must satisfy every request, from the simplest to the most complex;
- careful monitoring of new

# Our values



technologies helps the customer get ahead in his work and us in fulfilling his requirements, for this reason we continually invest a significant part of our revenue in this sector;

- perfect synergy with our customers means that we can collaborate with them step by step;
- respecting lead times is a resource for the customer;

- careful selection of materials and suppliers means we can manufacture quality products using the best machining methods;
- the right quality-price ratio means that companies can invest in their growth;
- ongoing strict quality tests and controls must be performed on products, so that we can provide customers with products that

are guaranteed beyond the legal requirements;

- anticipating market trends means that our customers are always ahead of the time;
- being consistent in our commitment and reliability makes customers prefer our services.

since 1980

*“Our flexibility, both in terms of producing to customer’s design and providing a design support service, makes us extremely competitive on the market . Moreover we can manufacture products in compliance with procedure systems that are recognised by international inspection organisations.”*

## Mission

To ensure a very high quality standard through constant, rigorous product testing.

Stainless steel  
processing

First Our work must meet customer expectations, offering an excellent quality / price ratio. Create a perfect synergy with the client make C.L.A. be able to support him step by step, keeping alive the commitment and reliability to be privileged referents. Ensuring a high standard of quality through constant and rigorous product



# Products



testing. Since 1996 to achieve these objectives C.L.A. has certified its Quality System according to EN ISO 9001 and amended in 2002, certifying the design, construction and testing of pressure equipment in accordance with Directive 97/23/EC (PED). C.L.A provides appropriate documentation to guarantee total

quality: dimensional inspection certificates, N.D. test certificates, pressure test certificates, roughness certificates, etc., in accordance with the customer's own needs.

For this purpose, all the control instruments used are certified and subjected to periodical inspections; the welding machines

are also tested to guarantee compliance with the welding parameters laid down by the certified WPS.

## quality and technology

*“Every activity is subject to internal inspections to ensure compliance with the quality standards issued by the Quality Assurance office. This office operates independently inside the company so as to satisfy and guarantee the customer with respect to the applicable standards and quality requirements.*

*The company employs highly qualified personnel: the welders and the processes are qualified and certified to ASME IX, DIN, and UNI EN 287-288 standards. The company has its own staff for non-destructive testing to ASNT and UNI EN 473 standards, with level 2 certification.”*

## Certification

# Products

COMPANY WITH  
QUALIFY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =

## Mobile Preparation Units

pharmaceutical  
industry

Mobile preparation units for liquid solutions.  
Injectable and oral solutions, syrups, lavages, etc.

Range: from 10 litres to 300-350 litres. CIP and SIP  
can be connected to plant utilities. Mixing from above  
or below with magnetic drive guarantees cleanliness,  
sterility and reduced maintenance

Our preparation systems can be equipped with:

- Electrical resistors for heating the product
- Vacuum pumps
- Loading cells
- Heating liquid recirculation pump
- Lid lifting system



other models:



## Mobile Preparation Units

Homologation in conformity with Directive 97/23/EC (PED) and complete with all necessary documentation for IQ and OQ certifications.

Homologation pressure

- 1+4 in the body
- 1+3 in the jacket

Upon request and pending approval, FAT and SAT documents may be issued. Semi-automatic control and command panel. Optionals:

- Automatic process parameter management via PLC
- Recipe (work programme) management
- Thermoregulation management
- Recording and printing
- Touch screen operator panel



# Products

COMPANY WITH  
QUALIFY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =

## Preparation Systems

### pharmaceutical industry

Preparation and storage systems for batches of liquid solutions. Injectable and oral solutions, syrups, lavages, etc. Range: from 500 litres to 3,000 litres. CIP and SIP can be connected to plant utilities. Mixing from above or below with magnetic drive guarantees cleanliness, sterility and reduced maintenance

Our preparation systems can be equipped with:

- Electrical resistors for heating the product
- Vacuum pumps
- Loading cells
- Heating liquid recirculation pump
- Transfer pump

Homologation in conformity with Directive 97/23/EC (PED) and complete with all necessary documentation for IQ and OQ certifications.

Homologation pressure:

- 1+6 in the body
- 1+3 in the jacket

Upon request and pending approval, FAT and SAT documents may be issued. Semi-automatic control and command panel.

Optionals:

- Automatic process parameter management via PLC
- Recipe (work programme) management
- Thermoregulation management
- Recording and printing
- Touch screen operator panel





# Products

COMPANY WITH  
QUALIFY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =

## Tablet Coating Preparation Systems

pharmaceutical  
industry

Mobile preparation system for coating solutions.  
Our range is from 10 litres to 300-350 litres.

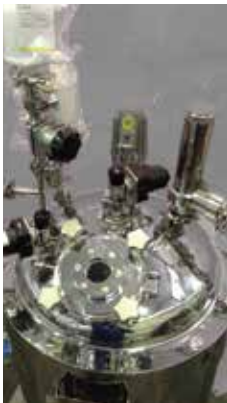
Completely washable. They may have mixing  
from above or below with or without a magnetic  
drive.

Hot water heating by means  
of electrical resistors and  
heating circuit.  
Cooling by mains water supply.



some details and other models:





# Products

COMPANY WITH  
QUALIFY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =

## Fermentation Systems

pharmaceutical  
industry

Microbial and bacterial fermentation systems. Engineered according to the client's precise technical process specifications (URS).

Range: from 5 litres to 3,000 litres CIP and SIP can be connected to plant utilities or built in (on board). Mixing from above or below with magnetic drive guarantees cleanliness, sterility and reduced maintenance.

Our fermentation systems include:

- Control and command panel and process recording
- Metering pumps-Heating liquid recirculation pump
- Manual and/or automatic valves
- Steam cut-off on all valves
- Sterile filters for process gas
- Lid lifting system (upon request)
- Steam generator (upon request)



some details and other models:





## Fermentation Systems

Homologation in conformity with Directive 97/23/EC (PED) and complete with all necessary documentation for IQ and OQ certifications

Homologation pressure

-1+4 in the body

-1+3 in the jacket

Upon request and pending approval, FAT and SAT documents may be issued

Semi-automatic control and command panel

Optionals:

-Automatic process parameter management via PLC

- Recipe (work programme) management

- Thermoregulation management

- Touch screen operator panel



# Products

COMPANY WITH  
QUALIFY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =

## PW-WFI Storage Tanks

pharmaceutical  
industry

Storage tanks for PW or WFI.  
Capacity: from 10 litres to 30,000 litres.  
CIP and SIP can be connected to plant utilities.  
Internal roughness < 0.5µm.  
External finish as required.  
With or without heating/cooling jacket.  
With or without insulation.

Homologation in conformity with Directive 97/23/  
EC (PED) and complete with all necessary  
documentation for IQ and OQ certifications.  
Homologation pressure  
-1+4 in the body  
-1+3 in the jacket  
Upon request and pending approval,  
FAT and SAT documents may be issued.

other models:





# Products

COMPANY WITH  
QUALIFY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =

## Drum Handling Column

pharmaceutical  
industry

Column for lifting and turning drums.  
Made-to-measure for user.  
Capacity: from 10 to 2,500 kg  
Elevation: up to 6,000 mm  
Movement: Up-down  
Rotation: Horizontal axis drum pincer.  
Vertical axis.



other models:





## company objectives

*“Our objective is, first and foremost, to satisfy customer expectations, offering an excellent quality/price ratio. To create perfect synergy with our customers so as to be able to work side by side with them at every stage. To maintain our commitment and dependability in order to remain our customers’ preferred choice of agent. To ensure a very high quality standard through constant, rigorous product testing.”*

# Perfect synergy

# Other chemical pharmaceutical products

## Hydrogenators



## Buchner filter funnels



## Reactors



## Tri-blenders



# Other chemical pharmaceutical products

## Condensate collection tanks



## Condensers





## Cip-cleaning in place



# Certificates



**DNV BUSINESS ASSURANCE  
MANAGEMENT SYSTEM CERTIFICATE**

Certificate No. / Certificazione No. **9801-2018-02-ITA-SINCERT**

*Si attesta che / This is to certify that*

**C.L.A. S.r.l. di Lagni Luigi**  
Via Vicenza, 2 - 36015 Schio (VI) - Italy

*è conforme ai requisiti della norma per i sistemi di gestione /  
has been found to conform to the management system standard*

**UNI EN ISO 9001:2008 (ISO 9001:2008)**

*Questo Certificazione è valida per il seguente campo applicativo /  
This Certificate is valid for the following product or service ranges:*

**Progettazione, costruzione e collaudi di apparecchi in pressione, assembla e macchine  
per l'industria chimica, alimentare e farmaceutica  
(Settori EA; 18 - 17)**

**Design, manufacture and testing of pressure vessels, assemblies and machinery  
for chemical, food and pharmaceutical industries  
(Sector EA; 18 - 17)**

Data Prima Emissione/First Certification Date: **2018-12-17**  
Il Certificato è valido fino al / The Certificate is valid until: **2018-12-17**

Il Certificato è stato emesso in conformità di / The certificate has been performed under the supervision of: **ACCREDIA**

Il Certificato è stato emesso in conformità di / The certificate has been performed under the supervision of: **Agente di Certificazione (MB), 2013-11-27**

**Antonio Vianelli**  
Local Auditor

**Zeno Schirani**  
Management Representative



**DNV BUSINESS ASSURANCE  
FULL QUALITY ASSURANCE CERTIFICATE - EC**

Certificate No. **18015-2013-CE-ITA-ACCREDIA**

*This certificate consists of 2 pages*

*This is to certify that the quality management system of*

**C.L.A. S.r.l. DI LAGNI LUIGI**  
Via Vicenza, 2 - 36015 Schio (VI) - Italy

*for design, production, final product inspection and testing of*

**Heat exchangers and pressure vessels**

*has been assessed with respect to  
the conformity assessment procedure described in annex III (Module III)  
of Directive 97/23/EC on pressure equipment, as amended, and found to comply*

*Further details are given in the following pages*

**CE**

Il Certificato è valido fino al / The certificate is valid until: **2018-11-27**

**Giovanni Cortesi**  
Technical Reviewer

**ACCREDIA**

**Renzo Gravata**  
Management Representative



Certificate No. **18015-2013-CE-ITA-ACCREDIA**

**Inclusion**  
Application of pressure equipment Directive 97/23/EC of the European Parliament and of the Council and Directive Legislative No. 93 of 23 February 2006.

**Certificate history**

Revision	Description	Issue date
01	Re-certification on Det Norske Veritas Italia S.r.l.	2013-11-28
02	Original certificate No. CE PED 13.0036.05.2006 issued by DNV Modulo Uno S.r.l.	2005-03-16

**Products covered by this certificate**

Product group	Category
Heat exchangers and pressure vessels	IV

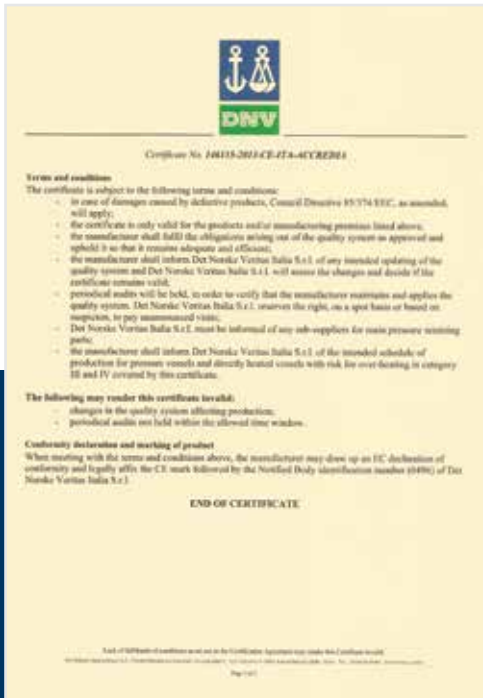
**Applications/ Limitations**  
The approved system is only valid for products covered by a Module III design examination certificate

**Sites covered by this certificate**

Production site name	Address
C.L.A. S.r.l. DI LAGNI LUIGI	Via Vicenza, 2 - 36015 Schio (VI) - Italy

**Performed audits**  
Det Norske Veritas Italia S.r.l. has carried out the assessment of the manufacturer's quality system to verify that the relevant requirements relating to the above listed products have been implemented.

Assessment has been carried out on the production site by Det Norske Veritas Italia S.r.l. as described in assessment report dated 2013-11-15.



Certificate No. **18015-2013-CE-ITA-ACCREDIA**

**Terms and conditions**  
The certificate is subject to the following terms and conditions:

- in case of damages caused by defective products, Council Directive 95/74/EEC, as amended, will apply;
- the certificate is only valid for the products and/or manufacturing premises listed above;
- the manufacturer shall fulfil the obligations arising out of the quality system as approved and upheld in so far as it remains adequate and efficient;
- the manufacturer shall inform Det Norske Veritas Italia S.r.l. of any intended updating of the quality system and Det Norske Veritas Italia S.r.l. will assess the changes and decide if the certificate remains valid;
- periodical audits will be held, in order to verify that the manufacturer maintains and applies the quality system. Det Norske Veritas Italia S.r.l. reserves the right, on a spot basis or based on suspicion, to pay unannounced visits;
- Det Norske Veritas Italia S.r.l. must be informed of any sub-suppliers for main pressure retaining parts;
- the manufacturer shall inform Det Norske Veritas Italia S.r.l. of the intended schedule of production for pressure vessels and directly heated vessels with risk for over-heating in category III and IV covered by this certificate.


**The following may render this certificate invalid:**

- changes in the quality system affecting production;
- periodical audits not held within the allowed time windows.

**Conformity declaration and marking of product**  
When meeting with the terms and conditions above, the manufacturer may draw up an EC Declaration of conformity and legally affix the CE mark followed by the Notified Body identification number (0496) of Det Norske Veritas Italia S.r.l.

**END OF CERTIFICATE**





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**C.L.A.**  
stainless steel processing

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