



Pressure **E**quipments
Mechanical **C**onstructions
Skids
Specials **M**achines/**E**quipments



HISTORY

- **C.M.C.** was founded in **1965** as an individual enterprise in Livorno, by the vision of its founder, Mr. Citi Luciano. Luciano, with its competence and professionalism demonstrated in the sector of carpentry and, later, of mechanical working, allowed its company to grow gradually over the years.
- In **1985** the company, now "**Mechanical Construction Citi of Citi Claudio s.n.c.**", was led by the two sons, Mirco and Claudio, becoming one of the reference reality in Tuscany region.
- In July **2005** the company was transformed into the today "**MECHANICAL CONSTRUCTION CITI LUCIANO S.r.l.**"

COMPANY NUMBERS

EXPERIENCE

- Since 1965

EMPLOYEES (2015)

- 6 technicians/administration
- 25 workers

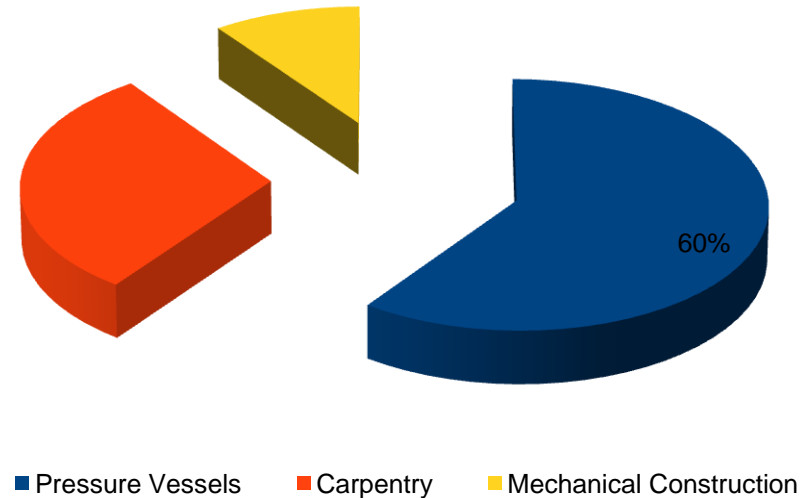
TURNOVER (2015)

- 5 MLN €

QUALITY

- ASME CERTIFICATION MARK U DESIGNATOR
- ASME CERTIFICATION MARK U2 DESIGNATOR
- ISO 9001:2008 Certif. n. 16017/07/S
- H1 Module, PED

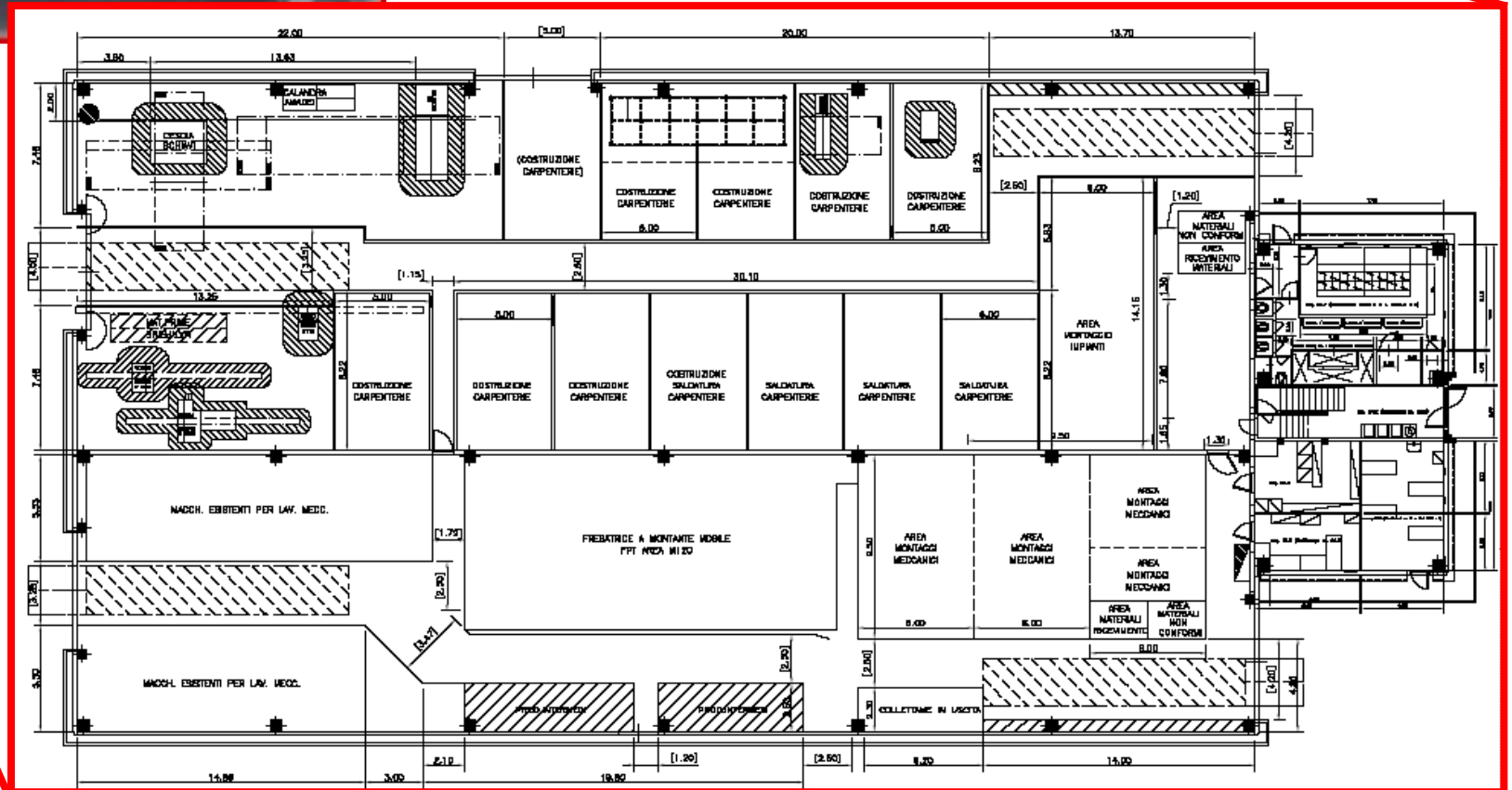
Turnover (Sales Year 2015)



MANUFACTURING SURFACES



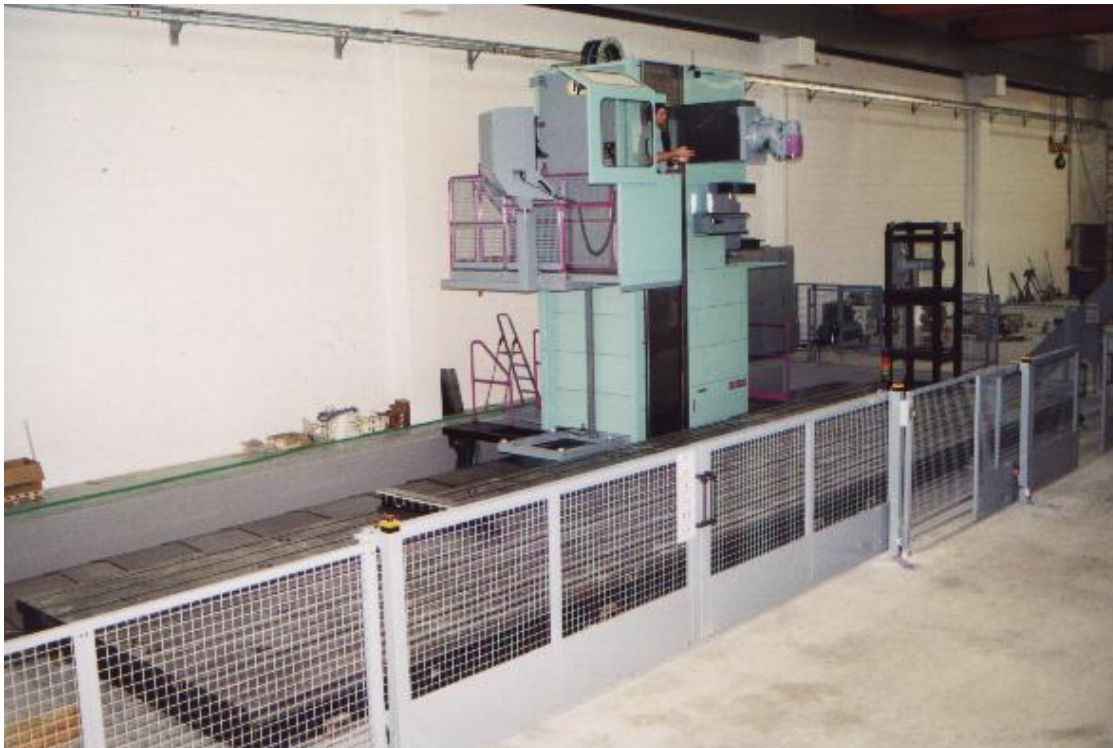
- 1.000 sqm Machining
- 500 sqm Offices
- 1300 sqm Welding



PRODUCTION CAPACITY

CNC MILLING

Up to 12.500 x 3.500 mm



PRODUCTION CAPACITY

BENDING ROLLS

Thickness max 28 mm

Width max 3.100 mm



PRODUCTION CAPACITY

LIFTING

Up to 40T (w/ internal cranes)



CUTTING (THERMAL)

Thickness up to:

200 mm, Carbon Steels

40 mm, Stainless Steels

PRODUCTION CAPACITY

LATHE MACHINING

- \varnothing 380 mm, 2.500 mm
- \varnothing 720 mm, 2.000 mm
- \varnothing 1.600 mm, 2.000 mm
- \varnothing 1.680 mm, 4.500 mm



PRODUCTION CAPACITY

CERTIFIED WELDING

Up to 200mm thk

- SMAW
- MIG (FCAW & GMAW)
- TIG (GTAW)
- SAW



According to Reference Codes
ASME IX, EN and AWS

Third Parties

Lloyd's Register, Bureau Veritas e R.I.NA.

S&T HEAT EXCHANGERS



Nr. 6 alcohol production Heat Exchangers
Ø 1,35 x 10 m
AGRANA Bioethanol – Pischeldorf (Austria)



Nr. 1 After Cooler
Ø 1 x 7 m
GE Oil&Gas – Daura (Iraq)



Nr. 1 Duplex oil cooler
Material: Duplex SS
ICA FLUOR PEMEX
(Mexico)



PRESSURE EQUIPMENTS



Pressure Vessel in AIS 304 SS
Ø 0,7 x 3,6m x 60mm - 140 bar
Ammonia/Urea Plant
UDHE – Damietta (Egypt)



Gas contactor
Ø 2,5 x 9m x 8T
ENEL – Berlin (El Salvador)

Nr. 4 Gas Separators AISI 321 SS
Ø 0,75 x 2,5m x 12 mm
GE Oil & GAS
Avanzia for PMI – (Mexico)



PRESSURE EQUIPMENTS

NR. 12 VOLUME BOTTLES *GE OIL&GAS – Florence (Italy)*
Technip Italy for Grupa Lotos (Poland)



Bottles volume \varnothing 0,940 x 4,2 m - Thickness 45 mm



Volume bottles \varnothing 0,740 x 4,5 m - Thickness 68 mm

PRESSURE EQUIPMENTS

NR. 12 VOLUME BOTTLES
GE OIL&GAS
GASUNIE – The Netherlands



Volume bottles Ø 0,790m Spessore 54 mm

NR. 4 PRESSURE VESSELS
GE OIL&GAS
TENGIZ - Kazakhstan



Vessels Ø 1,2m Thickness 12mm AISI 316L SS
ASME U STAMP + GOST

PRESSURE EQUIPMENTS

NR. 8 VESSELS *GE OIL&GAS – ZUBAIR - Iraq*



Hydrocarbon Liquid Condensate Tank
Ø 3.660 mm H=5.800 mm



Fuel Oil Buried Tank
Ø 1.750 mm L=5.410 mm

Liquid Sloop Tank (AISI 304)
Ø 2.000 mm H=4.525 mm



TANKS



Nr. 8 Mineral Lube oil Console
4 x 3 x 2 m x 7,5T AISI SS 316L
INPEX- HYTCHYS (Australia)



Rundown Vessel
2,1 x 3,1 x 3 m x 3T
AISI SS 304



Water treatment silo (food grade)
Ø 4 x 5m x 10T
COCA COLA Livorno (Italy)

SPECIAL EQUIPMENTS

Impeller Box for Centrifugal Compressor

Ø 1,4 x 4,2m

GE OIL&GAS

Florence (Italy)



Impeller Box for Gas Turbine

Ø 2,2 x 5 m

GE OIL&GAS - Florence (Italy)



SKIDS



Amine Purifier Skid
Busalla Plant (GE)
PF10 - Milan (MI)



Condensation group
1,8 x 4,2 x 1,8m
STATOIL - Tjeldbergodden (Norway)



Nr. 4 Sealing Air Cooler Skid
(insulated)
2,5 x 1,2 x 2,6 m – 1T
GE OIL&GAS – Florence (Italy)
for Saudi Aramco



Vacuum groups
3,5 x 2m
GE OIL&GAS – China & Thailand

MECHANICAL CONSTRUCTIONS



Dimensions
5,6 m x 2,35 m x 2,05 m/each
18 T/each

**Manufacturing of Basement Supports for a
CN Milling unit (by PAMA)**
End User: Nuovo Pignone Massa
Contractor: GE OIL&GAS
Massa (Italy)



MECHANICAL CONSTRUCTIONS



Steam turbine baseplate
3 x 3,5m x 4T
GE OIL&GAS - Florence (Italy)



Gas Turbine Baseplate
3,6 x 10m x 13T
GE OIL&GAS - Florence (Italy)



Transport Baseplate for a gas turbine
3,3 x 4,2m
GE OIL&GAS - Florence (Italy)



Gas Turbine Baseplate
3 x 2,5 x 10m x 11T
GE OIL&GAS - Florence (Italy)

MECHANICAL CONSTRUCTIONS



Steam turbine Baseplate
2,5 x 2,8m x 3T
PEMEX – Minatitlan (MEXICO)

Baseplate w/ oil tank
4,1 x 3,5m x 9T
SCOGAT – Feriana (TUNISIA)

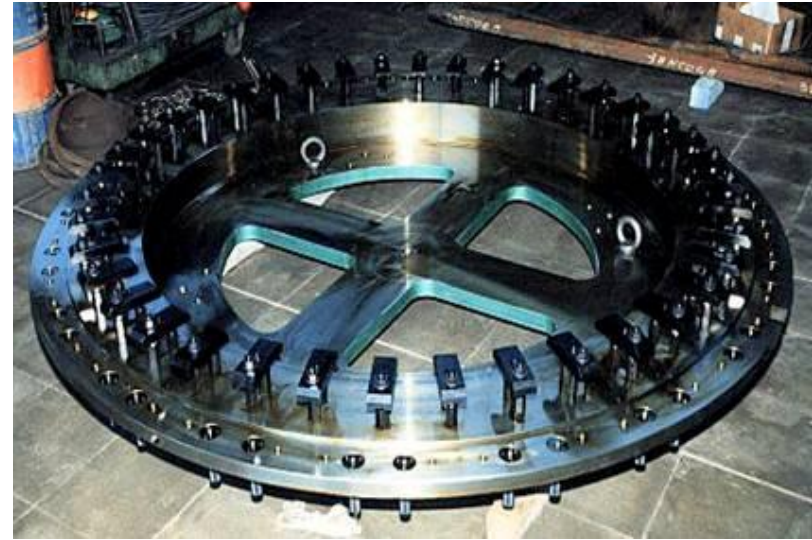
MECHANICAL EQUIPMENTS



Copper tube bundles wrapping machine
3 x 12 x 3m x 1,5m x 6T
EUROPA METALLI - Pistoia (Italy)



Turbine Impellers Tipper
2 x 2 x 2m x 2T
GE OIL&GAS - Florence (Italy)



**Impeller Grinder for the
Compressor Manufacturing Plant**
GE OIL&GAS – Florence (Italy)

MECHANICAL EQUIPMENTS



Steam turbine Bearing Boxes
1,5 x 2,5 x 1,5m x 8T
GE OIL&GAS - Florence (Italy)



Polishing of connecting rods
Compressor Manufacturing Plant
GE OIL&GAS – Florence (Italy)



SPECIAL WELDED MECHANICS

RECIPROCATING COMPRESSOR PISTON – *GE OIL&GAS*

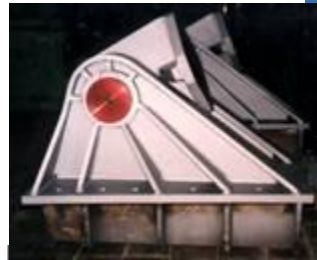


Piston in welded steel for Reciprocating Compressors
GE OIL&GAS - Florence (Italy)

SPECIAL EQUIPMENTS

HANDLING FACILITIES

Lifting Beam
EXPO - BIGO
CMF – Genoa (Italy)



QUALITY

- **Since March 19th, 2007** Quality Management System Certified according to ISO 9001:2000, Certifying Body R.I.NA., Conformity Certificate n. 16017/07/S
- **On April 14th, 2008** CMC gained module H1 for pressure vessels engineering and construction from 97/23/CE directive, Certifying Body R.I.NA., certificate n. H1 2008 FI PP 1, identifying number 0474
- **Since April 26th, 2013** CMC is certified for Pressure Equipment production according to ASME BPVC with U Designator (Certificate n. 44,976) and U2 Designator (Certificate 44,977)

IQNET & ISO 9001:2008 CERTIFICATES



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and CISQ/RINA hereby certify that the organisation

COSTRUZIONI MECCANICHE CITI LUCIANO S.R.L.

VIA DEI MATERASSAI, 3 - 57121 LIVORNO (LI) ITALIA

has implemented and maintains a **Quality Management System** which fulfills the requirements of the following standard

ISO 9001:2008

in the following operative units

VIA DEI MATERASSAI, 3 - 57121 LIVORNO (LI) ITALIA

for the following field of activities

DESIGN AND MANUFACTURE OF PRESSURE VESSELS, TANKS AND COMPONENTS OF INDUSTRIAL PLANTS. DESIGN, MANUFACTURE AND MACHINING OF BASEPLATES, PRECISION MECHANICAL EQUIPMENT AND MECHANICAL STRUCTURAL WORKS. MANUFACTURE OF NUMERIC CONTROL AND CONVENTIONAL MACHINE TOOLS.

Registration Number: **IT-54922**

First Issue : 2007-03-19 Current Issue : 2013-03-28 Expiry Date : 2016-03-13

Michael Drechsel
President of IQNET

Ing. Claudio Provetti
President of CISQ

IQNet Partners:
 AJINOR Spain AFNOR Certification France AIB-Vingtor International Belgium ANCI - Mexico APCER Portugal CCC - Cyprus
 CISQ Italy CQC China CQM China CQS Czech Republic Crc Cert Croatia DQS Holding GmbH Germany DS Denmark
 ELDT - Omnia FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico INNORPI Taiwan
 Inspecia Certification Finland IRAM Argentina IQA Japan KPC Korea MSZT Hungary Nemko AS Norway NSAI Ireland
 PCBC Poland Quality Austria RR Russia SHI Israel SHQ Slovenia SIRM QAS International Malaysia SQS Switzerland
 SRAC Romania ULST St. Petersburg Russia ISI Turkey YIQA Serbia

IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under: www.iqnet-certification.com



RINA
www.rina.org

CISQ is a member of
IQNet
www.iqnet-certification.com

CERTIFICATO N. 16017/07/S
CERTIFICATE No. 16017/07/S

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

COSTRUZIONI MECCANICHE CITI LUCIANO S.R.L.

VIA DEI MATERASSAI, 3 - 57121 LIVORNO (LI) ITALIA

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA DEI MATERASSAI, 3 - 57121 LIVORNO (LI) ITALIA

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD

ISO 9001:2008

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELD(S) OF ACTIVITIES

PROGETTAZIONE E COSTRUZIONE DI APPARECCHI A PRESSIONE, SERBATOI E COMPONENTI DI IMPIANTI INDUSTRIALI. PROGETTAZIONE, COSTRUZIONE E LAVORAZIONE MECCANICA DI BASAMENTI, ATTREZZATURE MECCANICHE DI PRECISIONE E CARPENTERIA MECCANICA. COSTRUZIONE DI MACCHINE UTENSILI A CONTROLLO NUMERICO E CONVENZIONALI.

DESIGN AND MANUFACTURE OF PRESSURE VESSELS, TANKS AND COMPONENTS OF INDUSTRIAL PLANTS. DESIGN, MANUFACTURE AND MACHINING OF BASEPLATES, PRECISION MECHANICAL EQUIPMENT AND MECHANICAL STRUCTURAL WORKS. MANUFACTURE OF NUMERIC CONTROL AND CONVENTIONAL MACHINE TOOLS.

La validità del presente certificato è subordinata a sorveglianza periodica annuale / semestrale ed a riesame completo del sistema di gestione con periodicità triennale
The validity of this certificate is dependent on an annual / six monthly audit and on a complete review, every three years, of the management system
L'uso e la validità del presente certificato sono soggetti al rispetto del documento RINA: Regolamento per la Certificazione di Sistemi di Gestione per la Qualità
The use and validity of this certificate are subject to compliance with the RINA document: Rules for the certification of Quality Management Systems

Prima emissione / First Issue	19.03.2007	Dot. Roberto Cavanna (Managing Director)
Emissione corrente / Current Issue	28.03.2013	<i>Roberto Cavanna</i>
Data scadenza / Expiry Date	13.03.2016	

ACCREDIA
RINA/AFNOR/IRAM/PCBC

RINA Services S.p.A.
Via Corsica 12 - 16128 Genova Italy

CISQ è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale
CISQ is the Italian Federation of management system Certification Bodies

FEDERAZIONE CISQ
www.cisq.it

PED CERTIFICATE



RINA

CERTIFICATO DI APPROVAZIONE
SISTEMA QUALITA'
CERTIFICATE OF QUALITY SYSTEM APPROVAL

Documento nr. H1 2008 FI PP 1
Document nr.

Rina Services S.p.A., quale Organismo Notificato nr. 0474,
Rina Services S.p.A., acting as Notified Body nr. 0474,

CERTIFICA
CERTIFIES

che il sistema qualità adottato da:
that the quality system operated by:

Fabbricante <i>Manufacturer</i>	C.M.C. di Citi Claudio & C. S.r.l.
Indirizzo Sede Legale <i>Legal Office Address</i>	Via Materassai, 3 - 57121 LIVORNO
Indirizzo Sede Operativa <i>Operational Office Address</i>	Via Materassai, 3 - 57121 LIVORNO

per la progettazione, la fabbricazione, l'ispezione finale ed il collaudo per il tipo di attrezzatura a pressione di seguito specificato:
for design, manufacture, final inspection, and testing of the pressure equipment hereafter identified:

Descrizione <i>Description</i>	Progettazione e costruzione di Recipienti in pressione
--	---

è conforme ai requisiti specificati nel **Modulo H e H1 (Allegato III) della Direttiva 97/23/CE**
*complies with the requirements of **Module H and H1 (Annex III) of the Directive 97/23/CE***

In base alle procedure di cui all'Articolo 10 § 1.3 della Direttiva, la presente certificazione consente al Costruttore di apporre sul prodotto sopra descritto il marchio CE seguito dal numero identificativo di **Rina Services S.p.A. 0474**
*Basing on the procedures of Article 10 § 1.3 of the Directive, this certification allows the manufacturer to apply on the product here above described, the CE marking followed by the identification number **0474 of Rina Services S.p.A.***

Rilasciato a **Genova** il **14 Aprile 2008** Valido fino al: **19 Marzo 2011**
*Issued in **Genoa** on **14 April 2008** Valid until: **19 March 2011***

Revisione Corrente **30/03/2010**



Rina Services S.p.A.

La validità del presente certificato è subordinata al rispetto dei requisiti dell'Allegato III della Direttiva ed allo svolgimento di verifiche ispettive periodiche di mantenimento da parte del Rina Services S.p.A. La responsabilità del danno causato da difetti del prodotto è del produttore, come sancito dalla Direttiva della Comunità Europea n. 374 del 1985.
The validity of this certificate is subjected to the respect of requirements of Annex III of the Directive and to the execution of periodical inspection audits carried out by Rina Services S.p.A. The responsibility of damages caused by defects of the product is of the manufacturer, as established by EC Directive n. 374 of 1985.

Questo Certificato è composto da 12 pagine
This Certificate consists of 12 pages

RINA
 Via Corsica, 12 - 16128 Genova
 Tel +39 010 535851
 Fax +39 010 5351000
 web site: www.rina.org

Pag. 1 di 13

ASME U & U2 DESIGNATOR

The American Society of Mechanical Engineers



CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

COSTRUZIONI MECCANICHE CITI LUCIANO S.r.l.
Via dei Materassai, 3
Livorno 57121
Italy

SCOPE:

Manufacture of pressure vessels at the above location only

AUTHORIZED: July 1, 2016

EXPIRES: April 26, 2019

CERTIFICATE NUMBER: 44,976

Richard Stevenson
Board Chair, Conformity Assessment

Joseph Luciani
Director, Conformity Assessment



CERTIFICATE OF AUTHORIZATION

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the certification mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with this certification mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

COSTRUZIONI MECCANICHE CITI LUCIANO S.r.l.
Via dei Materassai, 3
Livorno 57121
Italy

SCOPE:

Manufacture of pressure vessels at the above location only

AUTHORIZED: July 1, 2016

EXPIRES: April 26, 2019

CERTIFICATE NUMBER: 44,977

Richard Stevenson
Board Chair, Conformity Assessment

Joseph Luciani
Director, Conformity Assessment

The American Society of Mechanical Engineers



CONTACTS

COMMERCIAL

Claudio Citi

sales@cmciti.it

TECHNICAL

Mirco Citi

mirco.citi@cmciti.it

COSTRUZIONI MECCANICHE CITI Luciano S.r.l.

Via dei Materassai 3, 57121 Livorno, Italia

Tel. +39 0586 407103 - Fax +39 0586 420617

info@cmciti.it

www.cmciti.it