



Produzione Misuratori Volumetrici

P E T R O L
Metering Systems

"PETROL" **Metering Systems Srl**

Presentation

Systems & Products

Services



www.petrolms.it

Factory and office: Via delle Valli, 25 - Aprilia (LT) - Italy
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PRESENTATION

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P r e s e n t a t i o n

The P.M.S. Petrol Metering Systems S.r.l. Company story & high lights

P.M.S. PETROL METERING SYSTEMS S.R.L. is the final stage of the story of a chemical engineer who in his first working experience started during the 1963, just several months before the University graduation, was incidentally assigned to the commercial department of a primary engineering company in Rome.

It was the first contact with PD meters and more precisely with A. O. Smith, may be the greatest manufacturer of PD meters at that time.

A long series of different working and living experiences brought to **the present reality of the 100% property of a factory not only producing PD meters for liquids and basket type protection strainers but also supplying metering systems for liquids and gases equipped with any type of flow rate sensors available in the market and marketing skidded process modules as well as sealing systems for floating roof tanks all over the world.**

The story passes through:

- the qualification as A. O. Smith technician obtained at A.O. Smith factory in Eire, Pennsylvania, during the year 1967;
- the gentleman agreement with a financial party to start-up a commercial company;
- the negotiation with Tokico Ltd in Tokyo during the 1970 to sign a technical agreement for the production of PD meters in Italy;
- the change of the company activity from the commerce to production;
- the building of an own factory in the south of Rome (with the consistent help of the "Cassa del Mezzogiorno");
- the company auto-financing.
- The training courses for Italian and foreign countries customers carried out at Aprilia (Lt) factory from year 1985 up to now.
- The extension on the activity through the active cooperation with highly qualified partners.

The most significant steps of that story are herebelow documented with several pictures.

Presently P.M.S. PETROL METERING SYSTEMS S.r.l. is a fully independent company 100% owned by the promoter family and operating all over the world in the field of metering instrumentation and systems with an own technology and background.

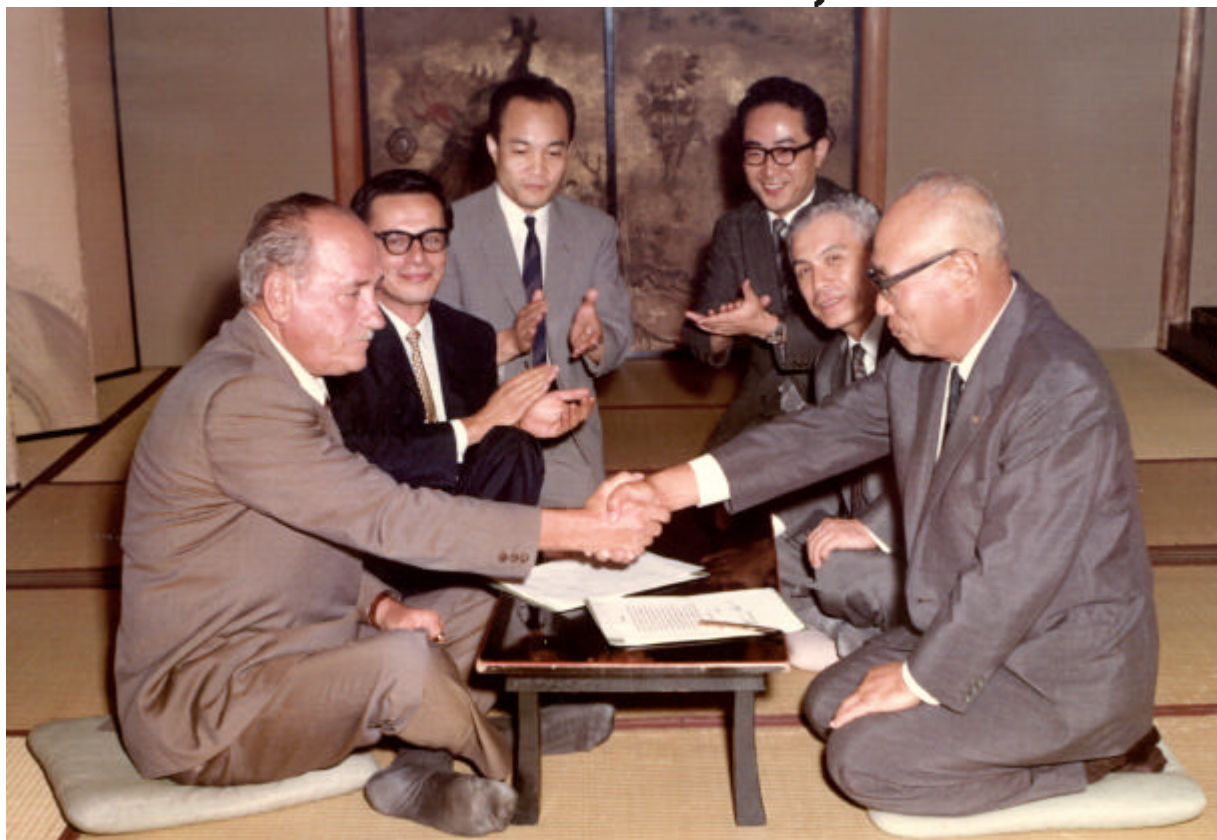


Year 1967

Qualification at A.O.Smith,Eire,Pennsylvania (U.S.A.)



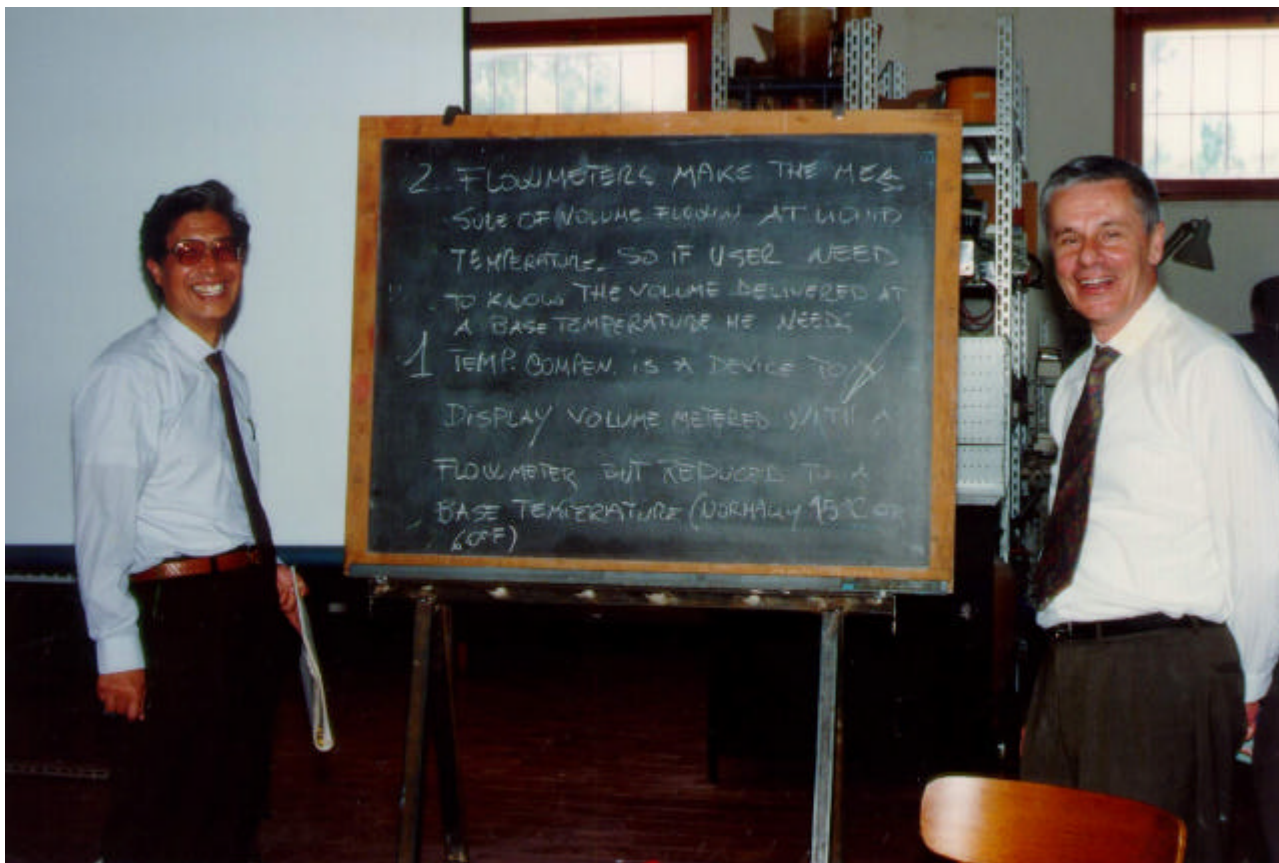
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Year 1970

Technical agreement with Tokico in Tokyo (Japan)





Year 1994 – Training course at factory with chinese technicians and black-board for communications



Years 1994-2008 Training courses at factory

The production activity completely carried out in the Aprilia (LT) factory. 100% property of PMS Petrol Metering Systems Srl may be summarized as follows.

Production:

- PD meters for liquids, double case type, Roots operating principle, sizes from 1" through 16", max pressure up to 15 MPa, max temperature up to 230 °C. construction materials cast steel, cast iron, stainless steel in the various grades available up to Aisi 316L or in accordance to customer's specific needs either for the outer housing flanged to the piping either for the inner housing, i.e. the measuring unit composed of inner casing plus rotors, shafts and gears.
Main characteristics as per attached document LP01
- Strainers
- Manifolds
- Systems

Factory dimensions:

Total ground 2.500 m2.
Covered area 1.000 m2.

Applications:

Power generation plants, chemical, petrochemical, pharmaceutical and food industry plants, crude oil refineries and oil depots, steel making and concrete making plants, ship makers owners and dealers, crude oil extraction industry.

Markets:

- 85% foreign Countries directly and through Italian Companies
- 15% Italy

For final destination Countries see document n. DRL001

Investments & Financing:

The company working with its own money (auto-financing).

Identification CARD

Name : P.M.S. Petrol Metering Systems S.r.l.

Address : Via delle Valli, 25
04011 Aprilia (LT) ITALY

Phone : ++39.06.92727658

Fax : ++39.06.92860025

I. V. A. code : IT02068390596

Fiscal code : 06381091005

Total ground : 2.500 m²

Covered area : 1.000 m²

URL web site : <http://www.petroilms.it>

E-mail:

General Info : petrolms@petrolms.it

Dott. Ing. Mario Romiti : mario.romiti@petrolms.it

Dott.ssa Silvia Romiti : silvia.romiti@petrolms.it

Bank references : Monte Dei Paschi Di Siena – Aprilia (LT)

Account n. : 9650.06

ABI code : 01030

CAB code : 73920

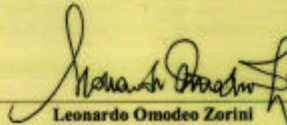
SWIFT code : PASCITMMAPR

Certificate - Approvals Quality System Certificate

UNI EN ISO 9001:2000 (ISO 9001:2000) Certificate

No. CERT-09578-2001-AQ-ROM-SINCERT

Quality manual available on request.

		
DET NORSKE VERITAS		
QUALITY MANAGEMENT SYSTEM CERTIFICATE		
Certificato No. / Certificate No. CERT-09578-2001-AQ-ROM-SINCERT		
Si attesta che / This certifies that		
IL SISTEMA DI GESTIONE PER LA QUALITÀ DI / THE QUALITY MANAGEMENT SYSTEM OF		
Petrol Metering Systems S.r.l.		
Via delle Valli, 25 - 04011 Aprilia (LT) - Italy		
È CONFORME AI REQUISITI DELLA NORMA PER I SISTEMI DI GESTIONE PER LA QUALITÀ CONFORMS TO THE QUALITY MANAGEMENT SYSTEMS STANDARD		
UNI EN ISO 9001:2000 (ISO 9001:2000)		
Questa certificazione è valida per il seguente campo applicativo: <i>This certificate is valid for the following products or services:</i>		
(Ulteriori chiarimenti riguardanti lo scopo e l'applicabilità dei requisiti della normativa si possono ottenere consultando l'organizzazione certificata) (Further clarifications regarding the scope and the applicability of the requirements of the standard(s) may be obtained by consulting the certified organisation)		
Progettazione, produzione e manutenzione di misuratori volumetrici di tipo meccanico per liquidi		
<i>Design, manufacture and maintenance of positive mechanical displacement meters for liquids</i>		
Luogo e data Place and date Agrate Brianza, (MI) 2004-03-08	Data Prima Emissione: First Issue Date: 2001-11-23	per l'Organismo di Certificazione for the Accredited Unit Det Norske Veritas Italia S.r.l.
Lead Auditor: GIUSEPPE VIOLANTE Settore EA: 18	 ACQUEDOTTI, IMPIANTI DI CERTIFICAZIONE SPECIFICI ISO 9001 Registrazione N. 000A ISO 9001 Registrazione N. 000B ISO 9001 Registrazione N. 000C ISO 9001 Registrazione N. 000D ISO 9001 Registrazione N. 000E Membro degli Accordi di Mutual Riconoscimento ENA e IAF Signatory of ENA and IAF Mutual Recognition Agreements	 Leonardo Omodeo Zorini Management Representative
La validità del presente certificato è subordinata a sorveglianza periodica (ogni 6, 9 o 12 mesi) e al riesame completo del sistema con periodicità triennale The validity of this certificate is subject to periodical audits (every 6, 9 or 12 months) and the complete re-assessment of the system every three years Le aziende in possesso di un certificato valido sono presenti nelle banche dati del sito www.dnv.it e nel sito Sincert (www.sincert.it) - All the companies with a valid certificate are online at the following addresses: www.dnv.it and www.sincert.it		

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Certificate - Approvals EC – Confirmation of filing- ATEX

[1]	EC – Confirmation of Filing	 
[2]	Retention of documents for equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC Article 8 (1) b) ii)	
[3]	File No.:	RWTÜV - 8 - 04 - ATEX - 0067 - I - P.M.S.
[4]	Identification Details of Documents:	P. D. Meters for Liquids
[5]	Manufacturer:	P.M.S. Petrol Metering Systems s.r.l.
[6]	Address:	Via delle Valli, 25 I-04011 Aprilia (LT) Italy
[7]	The Certification Body for Explosion Protection of the RWTÜV Systems GmbH, notified body number 0044 in accordance with Article 9 of the Council Directive 94/9/EC of 03.23.1994, confirms the receipt and retention of documents for equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.	
[8]	This Confirmation of Filing applies for equipment of groups I and II, categories M2 and 2 which neither has an internal combustion engine nor consists of electrical devices.	
[9]	This confirmation only relates to the receipt and retention of documents by the Notified Body. Further requirements of the Directive 94/9/EG, e.g. the application of the internal control of production in accordance with Annex VIII of the Directive, and the scope of the documents to be retained in accordance with Annex VIII Number 3 are in the responsibility of the manufacturer and not covered by the confirmation.	
[10]	Date Received:	10.02.2004
[11]	End of Agreed Period of Retention:	10.02.2014
Certification Body for Explosion Protection  Head of the Certification Body for Explosion Protection Dipl.-Ing. F. Matz		Essen, 04.03.2004 
Copies in extract form may only be made with the written permission of the Certification Body. RWTÜV Systems GmbH, Certification Body for Explosion Protection, Langemarckstr. 20, D – 45141 Essen Tel.: 0201 / 825 – 2701, Fax 0201 / 825 – 2528, e-Mail: Friedhelm.Matz@rwtuv.de		
040067_Zy18.doc		Page 1 of 1 2 15.10.2003

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Certificate - Approvals PED Approval Certificate



DNV - MODULO UNO

CERTIFICATO DI APPROVAZIONE APPROVAL CERTIFICATE

In applicazione della Direttiva 97/23/CE e Decreto Legislativo n. 93 del 25 febbraio 2000
as per Directive 97/23/EC and Decreto Legislativo n.93 of 25 February 2000

Certificato N°/Certificate N°: CE PED.07.0150.04/1866.1

Si attesta che il sistema qualità per il tipo di prodotto:
We hereby declare that the quality system for the type of product:
Misuratori volumetrici per liquidi, Filtri a cestello /
Positive displacement meters for liquids, Strainers

Fabbricato da / *Manufactured by:*
Petrol Metering Systems S.r.l.
Via delle Valli, 25 – 04011 Aprilia (LT) – Italia

è adeguato a garantire la conformità ai requisiti della Direttiva 97/23/CE
is found to comply with the requirements of Directive 97/23/EC

Il sistema qualità per le fasi di fabbricazione, ispezione finale e collaudo per i suddetti prodotti è stato valutato in accordo alle procedure di valutazione della conformità descritte all'Allegato III modulo D1 della Direttiva 97/23/CE / *The quality system for manufacture and testing of above mentioned products has been assessed with respect to the procedure of conformity assessment as described in Annex III module D1 of 97/23/EC Directive*

Ulteriori dettagli sul prodotto e le condizioni di validità sono dati in allegato.
More details about the product and validity conditions are given in the annex.

Agrate Brianza, 22 agosto 2007
Per l'Organismo Notificato
On behalf of the Notified Body

Bartolomeo Piccardo
Amministratore Delegato / *Managing Director*



Responsabile della direttiva:
Directive Responsible: Giovanni Cortesi

Il presente certificato è composto da una pagina e da un allegato ed è riproducibile solo integralmente.
This certificate includes one page and one annex and only an integral copy can be made.

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Certificate - Approvals PED Approval Certificate



DNV - MODULO UNO

Allegato al Certificato di Approvazione N°:
Annex to Approval Certificate N°:

CE PED.07.0150.04/1866.1

SCOPO E CONDIZIONI / SCOPE AND CONDITIONS

Prodotti coperti da questo certificato / Products covered by this certificate

DNV-MODULO UNO S.c.a.r.l. ha effettuato la valutazione del sistema qualità del fabbricante per verificare che i pertinenti requisiti relativi ai seguenti prodotti siano stati implementati / DNV-MODULO UNO S.c.a.r.l. has carried out the QS assessment of the Manufacturer's quality system to verify that the relevant requirements relating to the following products have been implemented.

Prodotto / Product	Rapporto di valutaz. del S.Q. del QS Assessment Report dated
Accessori a pressione con massima categoria II come segue: - Misuratori volumetrici di tipo meccanico per liquidi, Pmax.100 bar, T: -10/+230°C. - Filtri a cestello per liquidi, Pmax.20 bar, T: -10/+230°C. Pressure accessories with max. category II as follow: - Positive mechanical displacement meters for liquids, Pmax.100 bar, T: -10/+230°C. - Strainers for liquids, Pmax.20 bar, T: -10/+230°C.	30-07-2007

Condizioni / Conditions

- L'approvazione del sistema è valida esclusivamente per le attrezzature elencate sopra. Per altre attrezzature è necessario inviare una domanda di estensione della certificazione a DNV-MODULO UNO S.c.a.r.l. / The system approval is only valid for the equipment listed above. For other equipment, an application for extension of the certificate must be sent to DNV-MODULO UNO S.c.a.r.l.
- DNV-MODULO UNO S.c.a.r.l. deve essere informata in merito ad ogni fornitore di parti pressurizzate principali / DNV-MODULO UNO S.c.a.r.l. must be informed of any sub suppliers for main pressure retaining part.
- Il fabbricante deve informare DNV-MODULO UNO S.c.a.r.l. in merito al programma di produzione previsto / The manufacturer shall inform DNV-MODULO UNO S.c.a.r.l. of the intended schedule of production.
- E' previsto lo svolgimento di verifiche ispettive periodiche e visite senza preavviso per verificare il mantenimento della validità del presente Certificato / Periodical audits and unexpected visits will be held in order to verify that the manufacturer's obligations to maintain the validity of this certificate are fulfilled.
- Ogni modifica del Sistema Qualità dovrà essere immediatamente comunicata a DNV-MODULO UNO S.c.a.r.l. per valutare il mantenimento della validità del presente Certificato / The manufacturer must give information of any intended adjustments of the quality system to DNV-MODULO UNO S.c.a.r.l., who will assess the changes and decide if the certificate remain valid.

Il fabbricante ottempera ai requisiti della direttiva 97/23/CE in materia di attrezzature a pressione ed è autorizzato ad apporre la marcatura CE seguita dal numero di identificazione dell'Organismo Notificato 0496 / The manufacturer complies with directive 97/23/EC on pressure equipment and is allowed to affix the CE mark followed by the Notified Body identification number 0496.

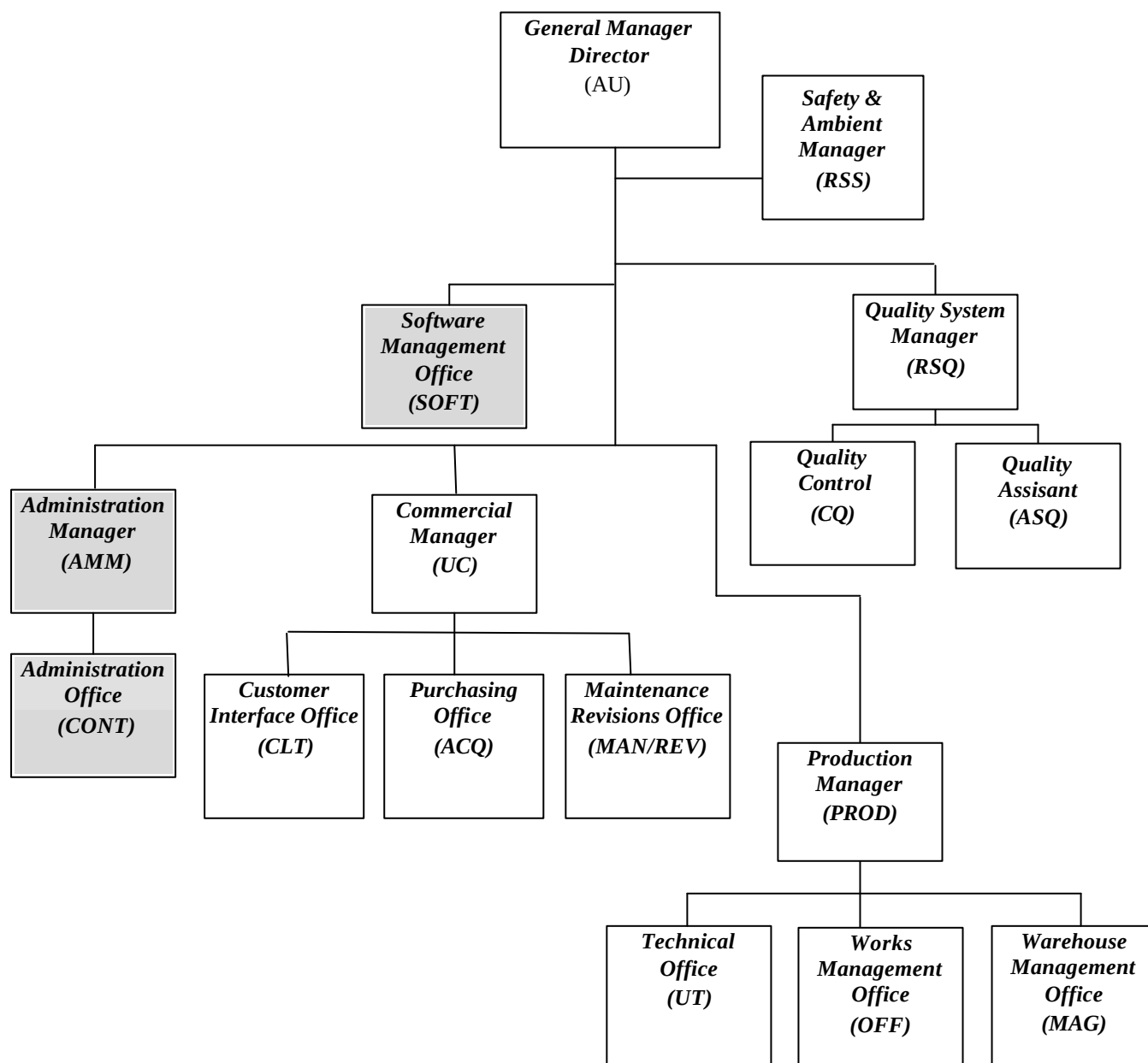
Bartolomeo Piccardo
Amministratore Delegato / Managing Director

Fine Certificato / End of certificate

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Organization chart



Main industrial sector served and **R**elevant customers

Automation:

ABB Energy Automation S.p.A.
A.P.S. S.p.A.
ABB Instrumentation S.p.A.
ABB PS&S S.p.A.

Chemical and petrochemical industries:

Bracco Imaging S.p.A.
Chemi S.p.A.
Condea Augusta S.p.A.
Enichem S.p.A.
Eurallumina S.p.A.
Infineum S.p.A.
Lonza S.p.A.
Montell Italia S.p.A.
Repsol Polivar S.p.A.
Solvay & C. S.p.A.
Uniroyal Chimica S.p.A.
Silomar S.p.A.

Crude oil extraction and treatment:

Agip S.p.A.
A.I.F.G. - Algeria
Bonatti S.p.A.
Edison Gas S.p.A.
Fiorentini S.p.A.
Intermare Sarda S.p.A.
Italf fluid Geoenergy S.p.A.
Italf fluid Maghreb Tunisia
Rosetti Marino S.p.A.
Saipem S.p.A.

Engineering Contractors:

Enel Power S.p.A.
Engineering India Ltd India
Foster Wheeler S.p.A.

IBN Ingenieurburo – Egypt
Linde Impianti Italia S.p.A
Maire Engineering Spa
Snamprogetti S.p.A.
Sicon oil S.p.A.
Tecnimont S.p.A.
Technip S.p.A.
Techint S.p.A
Techint Cimontubi S.p.A.

LPG distributions:

Costiero Gas S.p.A.
Friulana Gas S.p.A.
Liquigas S.p.A.

Pharmaceutical:

Abbott S.p.A.
A.C.R.A.F. S.p.A.
Bristol Myers Squibb S.p.A.
Recordati S.p.A.
Zambon Group S.p.A.

Power generation:

A.S.M. Brescia S.p.A.
Alstom Power Inc. USA
Ansaldo Caldaie S.p.A.
Ansaldo Energia S.p.A.
Enel Power S.p.A.
Enel Produzione S.p.A.
Isab Energy Services S.p.A.
Macchi Caldaie S.p.A.
S.T.F. S.p.A.

Refining:

Agip Petroli S.p.A.
Isab Energy S.p.A.
Raffineria di Roma S.p.A.
Saras S.p.A.

Ships making, owners and dealers:

F.lli Cosulich S.r.l.
F.lli D'Amico
Fincantieri S.p.A.
General Naval Control S.p.A.
Holland America Line
Matrec - France
Moby - Lines
Princess Cruises USA
Timavo Ship Supply S.r.l.

Steel making:

Danieli Spa ex Italsider

Systems integrators:

Cosmi S.p.A.
Cramm & Co. Gmbh - Germany
C.R. Technologic System - Cuba
Daniel Europe Ltd Scotland
Eight Industries Dubai
Emerson Fisher Rosemount S.p.A.
Enoc Processing Co. LLC Dubai
INE LTD - England
Naval Mare S.p.A.
Nuova Oma S.p.A.
Nuovo Pignone S.p.A.
Peroni Pompe S.p.A.
Premabergo Italiana S.p.A.
Progetti Europa & Global S.p.A.
Repco S.p.A.
Tozzi Sud S.p.A.

List of final destination Countries

Algeria
Argentina
Australia
Austria

Bahrain
Bangladesh
Brazil
Bulgaria

Cambodia
Chile
China
Colombia
Congo
Croatia
Cuba
Czech Republic

Dubai

Egypt
England
Estonia
Ethiopia

Finland
France

Germany
Greece
Guam

Haiti
Hungary

India
Indonesia
Iran
Iraq

Jamaica
Japan
Jordan

Kenia
Korea
Kuwait

Lebanon
Libya
Luxemburg

Malesya
Mexico
Morocco

Nepal
Netherland
New Zealand
Nigeria
Norway

Oman

Pakistan
Philipines
Poland
Portugal

Qatar

Reunion
Romania
Russia

Santo Domingo
Saudi Arabia
Scotland
Singapore
Slovacchia
Somalia
South Africa
Spain

Sudan
Syria
Sweden
Switzerland

Tanzania
Tunisia
Turkey

U.A.E.
Ukraine
Uruguay
U.S.A.

Venezuela
Vietnam

Yemen

Zambia