



SFEROVA S.r.l.



**Engineering, Technology and Manufacturing
of Ball Valves**



SFEROVA : More than 35 years of experience (1/2)

- ❑ Inspired by the mission of **offering world-class solutions in the area of fluid handling**, a group of young people with qualified experience in design and manufacture of **industrial ball valves** is strongly working to develop a world-wide production system
- ❑ Since their establishment in **1972**, SFEROVA has always been recognized for their high quality production of **industrial ball valves**
- ❑ Today, SFEROVA is located **just north of Milan** and can draw upon a wealth of **highly qualified and hugely experienced personnel**
- ❑ **State-of-the-art manufacturing facilities and modern quality management methods** are employed in the production of process ball valves which are used in various application such as Chemical Plants, Petrochemical, both on and offshore, Power Generation, Pharmaceutical and the Food industry.



SFEROVA : More than 35 years of experience (2/2)

- ❑ SFEROVA ball valves are **designed, produced and tested under an accredited Quality System** in compliance with ISO 9001:2008, P.E.D. 97/23/CE and API Spec. Q1
- ❑ **Production is 100% tested** in accordance with main international standards and special testing can be performed upon request
- ❑ SFEROVA ball valves **can be certified to EN 10204** and supplied, when applicable, with **CE marking and/or API Spec. 6D Monogram**





How to reach Us: new plant location

By Air

Milan Malpensa, Linate
or Orio al Serio Airport

By Train

From Milan Central Station
to Carnate Station on regular intervals

By Road

30 Km from Bergamo
30 Km from Milan

SFEROVA srl

Via delle
Industrie, 30/32
20050 Sulbiate
(Milan) – Italy

Tel +39 039 6079599
Fax +39 039 6079582





Manufacturing Facilities (1/2)

Our new plant located in Sulbiate covers **11.000 sq m (3.000 sq m storage machine shop area)**





Manufacturing Facilities (2/2)

Machining Shop area



Workshop



Testing area with bunker



Automatic Warehouse



SFEROVA's aim : QUALITY

- ✓ SFEROVA ball valves are designed, produced and tested under an accredited Quality System in compliance with ISO 9001:2008, P.E.D. 97/23/CE and API Spec. Q1.
- ✓ Production is 100% tested in accordance with main international standards and special testing can be performed upon request.



- ✓ SFEROVA ball valves can be certified to EN 10204 and supplied, when applicable, with CE marking and/or API Spec. 6D Monogram.



Product Range

Due to their **design features and quality materials** used in the construction, to the high performances and operation costs, SFEROVA ball valves **are suitable for various application** such as chemical, petrochemical (both on and offshore), power generation, pharmaceutical and food plants/industries.

SFEROVA ball valves are particularly suitable for compressed air and gases of all kind, for vacuum, powders, sludge, liquids also of high viscosity, PTA applications, for acids and corrosive liquids.





Product Range : Split Body floating valves (type TQ2)

- ❑ Two or three piece bolted body, with flanged ends to **ASME B16.5**, welded ends to **ASME B16.25** or clamp type, face to face dimensions to **ASME B16.10**
- ❑ Full or reduced bore
- ❑ Design and construction to **ASME B 16.34**, **AI 6D** and **ISO 17292**
- ❑ Fire Safe certified to **BS 6755** part II and **API 6FA**
- ❑ Antistatic device and anti-blow out proof stem
- ❑ From DN ½" to 8" – rating **150#** to **2.500#** / **API 2.000** to **15.000**





Product Range : Side Entry Trunnion Mounted ball valves (type TM3)

- ❑ Two or three piece bolted body, with flanged ends to **ASME B16.5**, welded ends to **ASME B16.25** or clamp type, face to face dimensions to **ASME B16.10**
- ❑ Full or reduced bore
- ❑ Design and construction to **ASME B 16.34**, **AI 6D** and **ISO 17292**
- ❑ Fire Safe certified to **BS 6755 part II** and **API 6FA**
- ❑ Antistatic device and anti-blow out proof stem
- ❑ From DN ½” to 40” – rating **150#** to **2.500#** / **API 2.000** to **15.000**





Product Range : Metal seated floating & Trunnion Mounted Ball Valves (type IGI)

- ❑ Split Body metal seated floating and trunnion mounted ball valves for services in extreme both high and low temperatures, abrasive or corrosive, on-shore, near-shore, off-shore as well as sub sea.
- ❑ Two or three piece bolted body, with flanged ends to **ASME B16.5**, welded ends to **ASME B16.25** or clamp type, face to face dimensions to **ASME B16.10**
- ❑ Full or reduced bore
- ❑ Design and construction to **ASME B 16.34**, **AI 6D** and **ISO 17292**
- ❑ Fire Safe certified to **BS 6755 part II** and **API 6FA** and **API 607**
- ❑ Antistatic device and anti-blow out proof stem
- ❑ From DN ½” to 40” – rating **150#** to **2.500#** / **API 2.000** to **15.000**





Product Range : Top Entry Trunnion Mounted Ball Valves (type TEV)

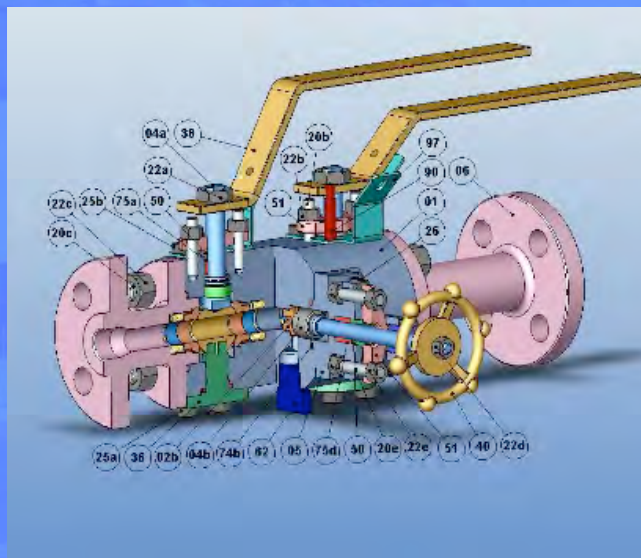
- ❑ Forged or cast material engineered for heavy duty, maintenance-free performance
- ❑ Flanged ends to ASME B16.5, welded ends to ASME B16.25 or clamp type, face to face dimensions to ASME B16.10
- ❑ Design and construction to **ASME B 16.34**, **API 6D** and **ISO 17292**
- ❑ Fire Safe certified to **API 607**
- ❑ Vent & drain connections as requested by international standard or customer specifications
- ❑ From DN 2" to 40" – rating **150#** to **2.500#** / **API 2.000** to **15.000**





Product Range : Double Block & Bleed Modular Floating & Trunnion Mounted Ball Valves (type DBB)

- ❑ Flanged ends to ASME B16.5, welded ends to ASME B16.25 or clamp type
- ❑ Design and construction according to international standards or customer specifications
- ❑ Rating **150#** to **2.500#** / **API 2.000** to **15.000**





Product Range : Cryogenic Floating & Trunnion Mounted Ball Valves (type Cry)

- ❑ Floating and trunnion mounted ball valves, with extended bonnet, materials and seals specifically engineered and tested to suit cryogenic applications
- ❑ From DN ½" to 40" – rating **150#** to **2.500#** / **API 2.000** to **15.000**





Main Design Feature

- General design in accordance with **ASME B 16.34** and **API 6D**
- Flanged ends in accordance with **ASME B 16.5**
- Butt welding ends in accordance with **ASME B 16.25**
- Face to face in accordance with **API 6D** and **ASME B16.10**
- Bi-directional flow tight
- Antistatic device and anti-blow-out stem
- Self-aligning floating seat rings with pre-load springs (for Trunnion Mounted Valves only)
- Double Block and Bleed (for Trunnion Mounted Valves only)
- Drain and Vent connections (for Trunnion Mounted Valves only)
- Automatic relief of excess body cavity pressure (for Trunnion Mounted Valves only)



Photo gallery





Photo gallery





Photo gallery





Automated Valves

All our ball valves can be fitted with:

- Single acting pneumatic actuator
- Double acting pneumatic actuator
- Spring return system (dead man)
- Motor operated system
- Gas over oil actuator
- Line break system
- Positioner
- Manual Override
- Fire proof actuator system
- Digital partial stroking
- Box + Limit switches
- Solenoid valves
- Air filters
- Control panels





Materials

- Carbon steel
- Carbon steel with weld overlay
- Low temperature carbon steel
- Stainless Steel
- Duplex
- Super-Duplex
- Super austenitic stainless steel
- Monel
- Inconel 625 / 825
- Hastelloy
- Al. Bronze
- Titanium



All above materials are available from bar stock, forging or casting



Testing Facilities

All our valves are 100% tested in accordance with main international Standards. Sferova can provide on request the following tests/ inspections:

- Cryogenic test
- Fugitive emission test
- High pressure Gas test
- Third party inspection

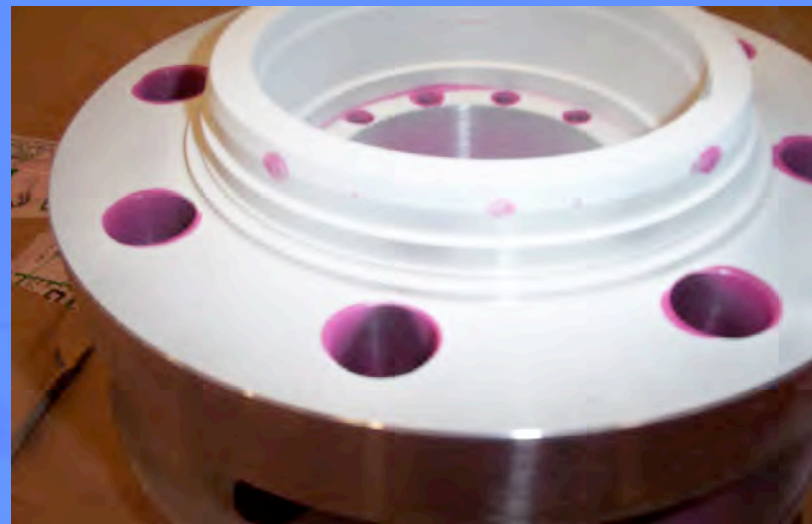




Quality Controls

SFEROVA can provide on request the following non-destructive tests:

- Dye penetrant test
- Ultrasonic test
- Magnetic particle inspection
- Impact test
- X-ray
- PMI





Quality Policy (1/2)

The General Management Sferova S.r.l. is aware of the importance that continuous improvement has in company development and in the quality of the service offered to its Customers.

Therefore the General Management decided to follow the principles of the **European Standard ISO 9001:2008** and to implement them through the “Quality Policy” and the “Quality Assurance Manual”, as guidelines for its own organization aiming to increase the satisfaction of its Customers.

The following is a list of guideline-objectives and methods defined by the General Management Sferova S.r.l.:

- To improve the quality of **services offered to Customers**
- To improve the quality and reliability of **its products**
- To improve the quality of the **purchased products**
- To assure the **efficiency of company quality system**
- To reduce non-conformities** found in the production process



Quality Policy (2/2)

To improve the quality of services offered to Customers:

- ❑ Through the implementation of **jobs 'control and on time deliveries'** recording
- ❑ Through a new “**customer satisfaction survey**”, in order to focus its own attention on each service offered
- ❑ Going on recording customers' indications and timely **managing the consequent corrective actions**
- ❑ By evaluating and proposing a **wider product range** according to market new requirements
- ❑ By **planning and actuating, systematically, the improvement** focused on customer by Management Review



Health, Safety and Environment Policy

Sferova's Top Management, fully in compliance with applicable laws, is constantly committed to carry out all production activities with care, following best practices and procedures which anytime are able to guarantee workers and clients' health and safety and to assure that any possible negative influence on environment is minimized as much as possible.

Sferova is focused on continual improvement, fixes targets, measures developments, analyzes data and communicates results regarding health, safety and environment fields.

It is a specific responsibility of each Sferova's employee and partner, to support the Company policy, comply with it and strongly act to its improvement.



Certifications (1/2)

SFEROVA ball valves are designed, produced and tested under an accredited Quality System in compliance with **ISO 9001:2008**.

Lloyd's Register

EC CERTIFICATE OF CONFORMITY

In accordance with the requirements of the Pressure Equipment Directive 97/23/EC and the Pressure Equipment Regulations 1999, UK Statutory Instrument 1999 No. 2001 and SI 2002 No. 1267

This is to certify that the Quality Management System of:

Sferova S.r.l.
Via delle Industrie 30/3
20050 Sulbiate (MI)
Italy

has been assessed against the requirements of Annex III, Module H of the Pressure Equipment Directive 97/23/EC, and Schedule 4, Module H of the Pressure Equipment Regulations 1999 and conforms to the requirements for the products shown below:

Design and Manufacture of floating and trunnion mounted ball valves in carbon steel, stainless steel and special alloy from DN 8 to DN 150 class up to 2500#, to DN 300 class up to 1500#, to DN 400 class up to 900#, to DN 500 class up to 600# and to DN 600 class up to 300# operated manually or by selected actuators.

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and Regulations.

Authorisation is hereby given to use the LRV Notified Body Identification Number in accordance with the requirements of the specified Directive and Regulations in relation to the products as identified above

Certificate No: COV 0212230/01
Original Approval: 29th July 2002
Current Certificate: 29th July 2008
Certificate Expiry: 28th July 2011
LRV Notified Body Number 0038

G. Agazzino on behalf of Lloyd's Register Verification

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or otherwise provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Lloyd's Register Verification Limited, 91 Brookbank Street London EC2M 4RT UK

CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

Sferova S.r.l.
Via delle Industrie, 32
20050 Sulbiate (Monza Brianza) - Italia

has been approved by Lloyd's Register Quality Assurance to the following Quality Management System STANDARD:

ISO 9001:2008

The Quality Management System is applicable to:

Design and manufacture of floating and trunnion ball valves in carbon steel, stainless steel and special alloy steel from DN 15 to DN 750 class up to PN 420 (2500 lbs). Stockholding of valves up to DN 600.

Approved Certificate No: 01-0160075/001 Original Approval: 2nd September 1994
Current Certificate: 21st July 2008
Certificate Expiry: 18th November 2010

Based on Lloyd's Register Quality Assurance Data

The document is a copy of the original and is not valid for legal purposes. For more information, please contact Lloyd's Register Quality Assurance at 020 7323 2000. The document is a copy of the original and is not valid for legal purposes. For more information, please contact Lloyd's Register Quality Assurance at 020 7323 2000.

TÜV NORD CERT

Acknowledgement of Receipt

Directive 94/9/EC for equipment or protective systems or components for the intended use in potentially explosive atmospheres.

Order number: 8000308487

Name and address of Manufacturer: SFEROVA S.R.L.
Via E. Mattei 18
20050 RONCO BRIANTINO (MI)
Italy

Product designation: VALVOLE A SFERA flottante side entry
Type:

Forwarded technical documents: with letter of 06.08.2003 consisting of 1 Envelope

According to the conformity assessment procedure as per Directive 94/9/EC, Chapter II, Article 8, Paragraph (1), Letter b, Passage i) the manufacturer forwarded technical documents for storage purposes acc. to Annex VIII, Number 3 of the Directive for the above mentioned product. The TÜV NORD CERT GmbH & Co. KG, TÜV CERT certification body acknowledges as notified body No. 0032 acc. to Article 9 of the Directive of the European Parliament and the Council of 23 March 1994 (94/9/EC) the receipt of these documents.

The documents are stored until 06.08.2013 (10 years) and afterwards by request of the manufacturer either kept further, sent back or destroyed.

Hannover, 04.08.2003

TÜV NORD CERT GmbH & Co. KG
TÜV CERT Zertifizierungsgesellschaft
Am TÜV 1
D-30619 Hannover
Tel: 0511 988-1470
Fax: 0511 988-2655


Head of the Certification body

Signature



Certifications (2/2)

SFEROVA ball valves can be certified to **EN 10204** and supplied, when applicable, complete with **CE marking to P.E.D. directive 97/23/CE**, to **ATEX directive 94/9/CE** and **API Spec. 6D Monogram**


TUV NORD CERT

Acknowledgement of Receipt

Directive 94/9/EC for equipment or protective systems or components for the intended use in potentially explosive atmospheres.

Order number: 8000308488

Name and address of Manufacturer: SFEROVA S.R.L.
Via E. Mattei 18
20050 RONCO BRIANTINO (MI)
Italy

Product designation: VALVOLE A SFERA imperniata side entry

Type:

Forwarded technical documents: with letter of 06.08.2003
consisting of 1 Envelope

According to the conformity assessment procedure as per Directive 94/9/EC, Chapter II, Article 8, Paragraph (1), Letter b, Passage ii) the manufacturer forwarded technical documents for storage purposes acc. to Annex VIII, Number 3 of the Directive for the above mentioned product. The TUV NORD CERT GmbH & Co. KG, TÜV CERT-certification body acknowledges as notified body No. 0032 acc. to Article 9 of the Directive of the European Parliament and the Council of 23 March 1994 (94/9/EC) the receipt of these documents.

The documents are stored until 06.08.2013 (10 years) and afterwards by request of the manufacturer either kept further, sent back or destroyed.

TUV NORD CERT GmbH & Co. KG
TUV CERT Zertifizierungsgesellschaft
Am TÜV 1
D-30019 Hannover
Tel.: 0511 399-1470
Fax: 0511 399-2555

Hannover, 04.09.2003

Head of the Certification body

Stürweid

Certificate of Authority to use the Official API Monogram
License Number: 6D-0290 ORIGINAL

The American Petroleum Institute hereby grants to

SFEROVA S.R.L.
Via Delle Industrie 30/32
Sulbiate, Milan
Italy

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API Spec 6D** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram should be used in conjunction with this certificate number: **6D-0290**




The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following product: Ball Valves

QMS Exclusions: No Exclusions Identified as Applicable

American Petroleum Institute
John S. Modine
Director of Training and Certification Programs

Effective Date: **APRIL 27, 2009**
Expiration Date: **MAY 4, 2010**
To verify the authenticity of this license, go to www.api.org/compositelist.





Sferova in the World

Bosnia
Croatia
Macedonia
Serbia
Slovenia

Sferova Srl
Headquarters
Sulbiate - Italy

Tunisia
Marocco
Algeria
Egypt
Kuwait



Saudi Arabia

U.A.E.

Pakistan

Sferova India
Private ltd

Kazakhstan

China



SFEROVA India Pvt Ltd

Sferova established a sister company in India in 2009 :

Sferova India Pvt Ltd

In this new factory we manufacture ball valves made from casting in all kind of materials under Sferova srl know-how, high quality level and design. Sferova India is ISO 9001-2008 approved. On request, valves can be CE marked to PED directive 97/23/EC & ATEX marked to directive 94/9/EC.





Photo Gallery Sferova India Pvt Ltd





Photo Gallery Sferova India Pvt Ltd





Exhibitions

Sferova attended **most important** valves exhibitions :

- ❑ **Valve World** years 2002 / 2004 / 2006 / 2008 in Maastricht - The Netherlands
- ❑ **Valve World Asia** year 2005 in Shanghai – China
- ❑ **Iran Oil, Gas and Petrochemical Show** year 2006 / 2007 in Tehran – Iran
- ❑ **MIOGE** year 2009 in Moscow – Russia
- ❑ **RIO Oil & Gas** in Rio de Janeiro – Brazil 13 to 16 September, 2010
- ❑ **ADIPEC 2010** in Abu Dhabi – U.A.E. 1 Nov – 4 Nov 2010

Next Exhibitions :

- ❑ **Valve World 2010** in Dusseldorf – Germany 30 Nov – 02 Dec 2010



Main end users (1/2)

We have supplied different kind of valves in different materials to domestic & International customers for their end users as mentioned below :

- Abu Dhabi Marine Operation Co. (ADMA OPCO)
- Aker Kvaerner
- Akzo Nobel
- Alstom Power
- Ansaldo
- Bandar Imam Petrochemical Co.
- BASF
- BG Tunisia
- BP
- Brow & Root
- Cameg
- Chemopetrol
- Conocophillips
- Daewoo
- Daqing Refining & Chemical Co.
- Dow Italia
- Dubai Electricity & Water Authority
- Dubai Petroleum Est.
- Edison Termoelettrica
- Elster Instromet
- Enel Produzione
- ENI
- ERG
- Exxon Mobil
- Fisia Italimpianti
- Foster Wheeler
- GASCO



Main end users (2/2)

- Jscaurat
- Karachaganak Petroleum Operating BV
- Kuwait National Petroleum Co.
- Landsvirkjun
- Linde
- Lurgi
- Motor Oil (Hellas)
- Murphy Sabah Oil Co. Ltd
- National Iranian Gas Company (NIGC)
- National Iranian Oil Company (NIOC)
- National Petroleum Construction Co. (NPCC)
- Nigerian National Petroleum Co.
- Nuovo Pignone
- OMV Gas
- Oxy Occidental Petroleum of Qatar
- Petrobel
- Qatar Liquefied Gas Co. Ltd
- Raffineria di Roma
- Ras Laffan Liquefied Natural Gas Co. Ltd
- RasGas co. Ltd
- Reliance Petroleum
- Saipem
- Siemens
- Sonatrach
- Sonelgaz
- Syrien Gas Company (SGC)
- Statoil
- Technip
- Total
- Uhde
- West-East Gas Pipeline Co.



Main Approvals

BP Angola
ENEL
TAKREER
ADGAS
GASCO
BOROUGE
RASGAS
PETROFAC
PETROJET
N.I.G.C.
NUOVO PIGNONE (General Electric)
J. RAY McDERMOTT
ANSALDO
KPO
FPAL
BREDA ENERGIA
CAIRN ENERGY (INDIA)
SIIRTEC NIGI
KSS
N.P.C.C.

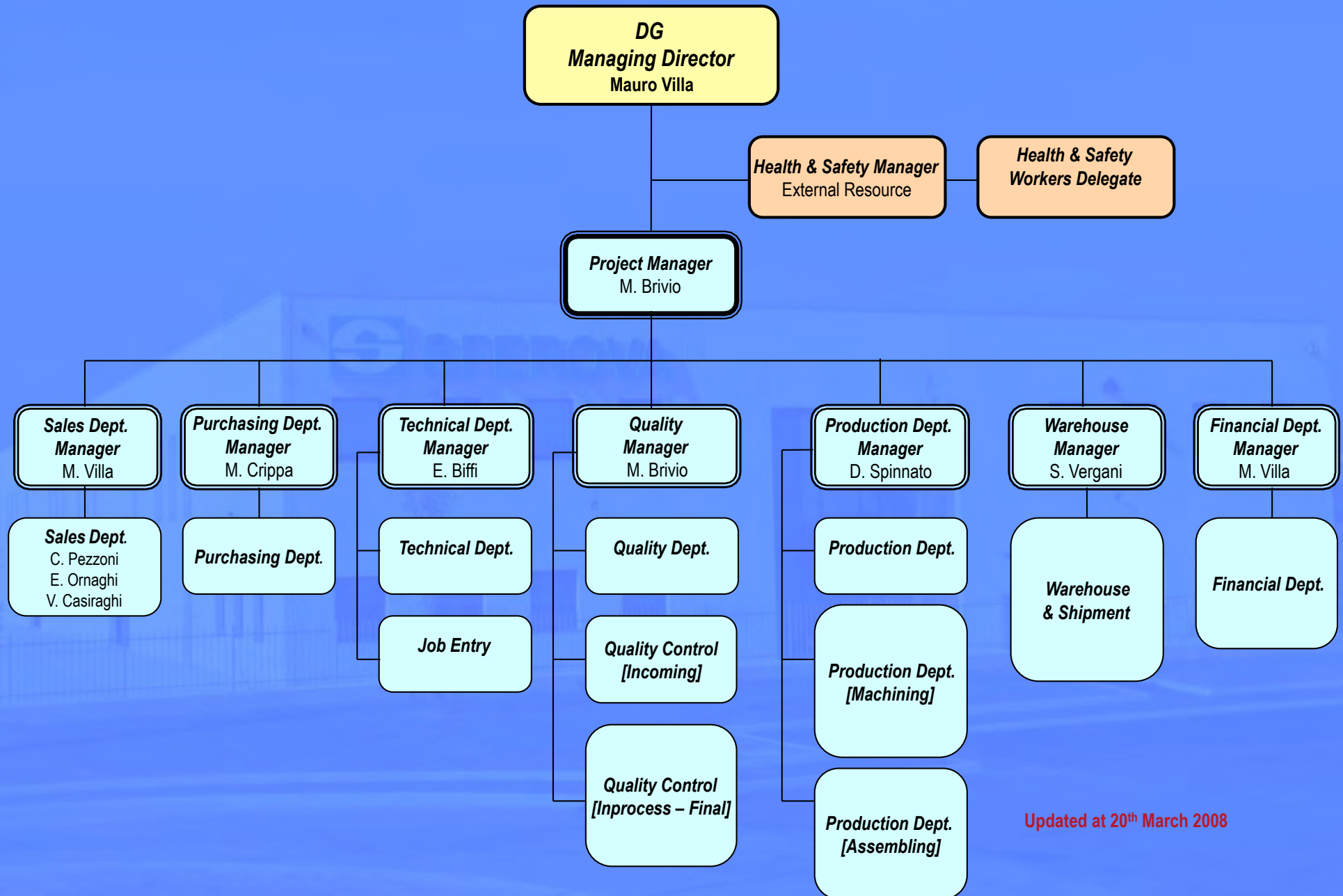
Approvals under Process :

SAUDI ARAMCO
KOC
KNPC
P.O.G.C.
ADCO
ADNOC
QATAR PETROLEUM
SAIPEM
TECHNIP
TECNIMONT KT
TECNIMONT
CB & I
SABIC
SAMSUNG
GUJARAT STATE PETRONET LTD





Organization Chart



Updated at 20th March 2008



Contact Details

SFEROVA srl

**Via delle Industrie, 30/32
20050 Sulbiate (Milan) Italy**

Tel 0039 039 6079599

Fax 0039 039 6079582

Mr. Mauro Villa (Managing Director) villa@sferova.com

Mrs. Claudia Pezzoni (Inside Sales Manager) pezzoni@sferova.com

E-mail : info@sferova.com

Website : www.sferova.com

The End

**Thanks for Your
kind attention**

(ED.3-nOVEMBER
.2010)

