



la Meccanica Padana

We manufacture your customers' satisfaction

**We Manufacture
Your Customers'
Satisfaction**



The Company



...since 1954, **La Meccanica Padana** is one of the most experienced manufacturer of Special Fittings for Pipelines, Petro-Chemical and Fertilizer plants.

By offering a high level of service, both for quality and reliability, the Company gained the **respect and loyalty of customers, major oil companies and contractors worldwide.**



La Meccanica Padana is a SME located in Northern Italy, in a very high skilled area traditionally oriented to the production of piping components and where several forging mills are based.



OUR MISSION:

- To be **Leader in catching market's needs** and opportunities and **First Choice supplier** for products within our Business Units.
- To **satisfy customers' needs** by supplying high quality products and by pursuing **punctuality and competitiveness.**
- To **develop human resources' skills** as the essential way to improve profit-making capability.



“BEING A MARKET ORIENTED COMPANY THAT DEVELOPS EXCELLENCE, BOTH IN PRODUCTS AND SERVICES, THROUGH THE CONTINUOUS IMPROVEMENT AND INVESTMENT IN HUMAN CAPITAL, QUALITY AND INNOVATION”.

OUR KEY VALUES:

- *SAFETY*
- *GROWTH*
- *CONTINUITY IN TIME*
- *FLEXIBILITY*
- *ON TIME DELIVERY*

QUALITY FIRST

- *ISO 9001:2008*
- *PED 97/23/EC*
- *ISO 14001*
- *Several Customers' Approvals*



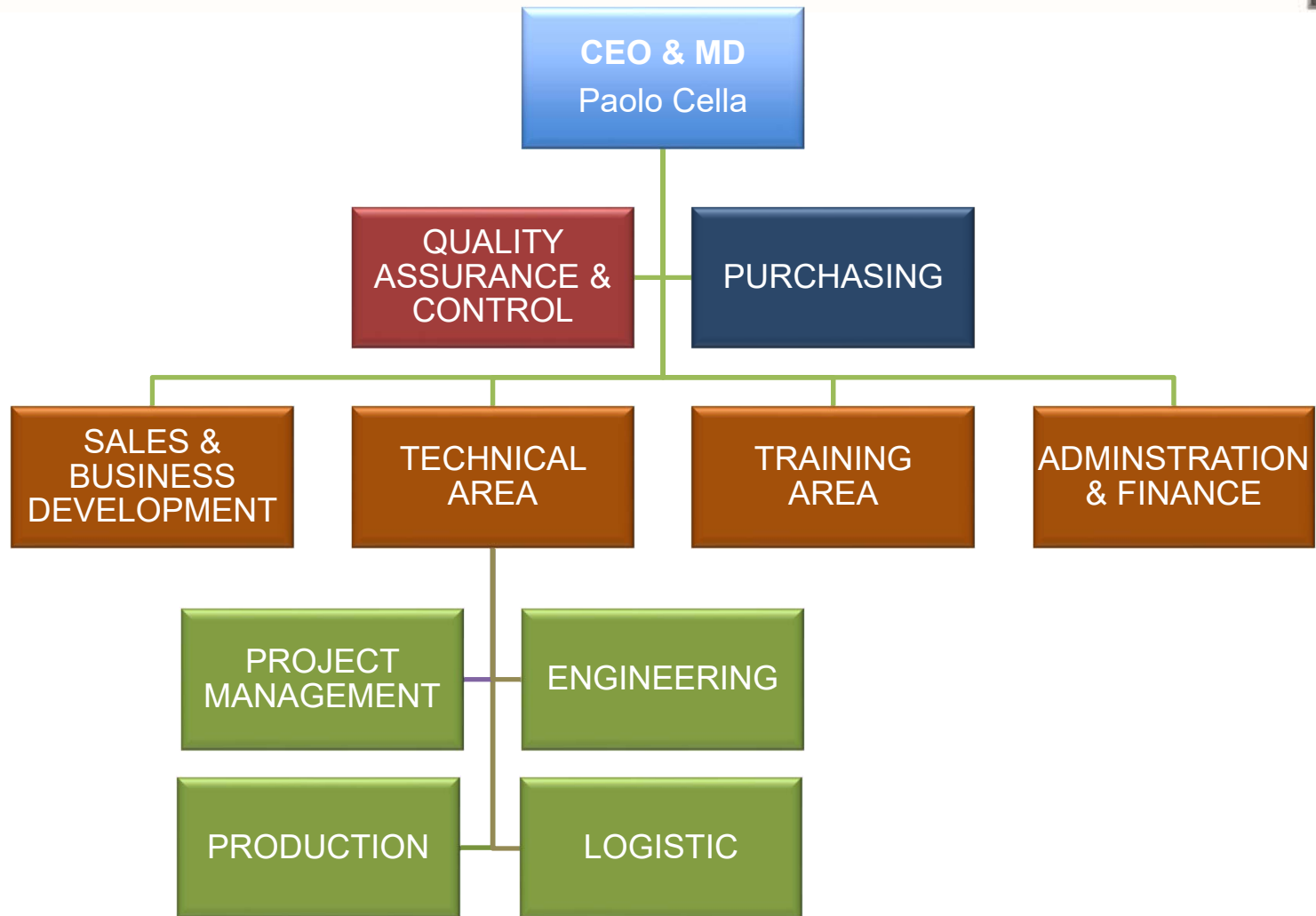


QUALITY SYSTEM PRINCIPLES:

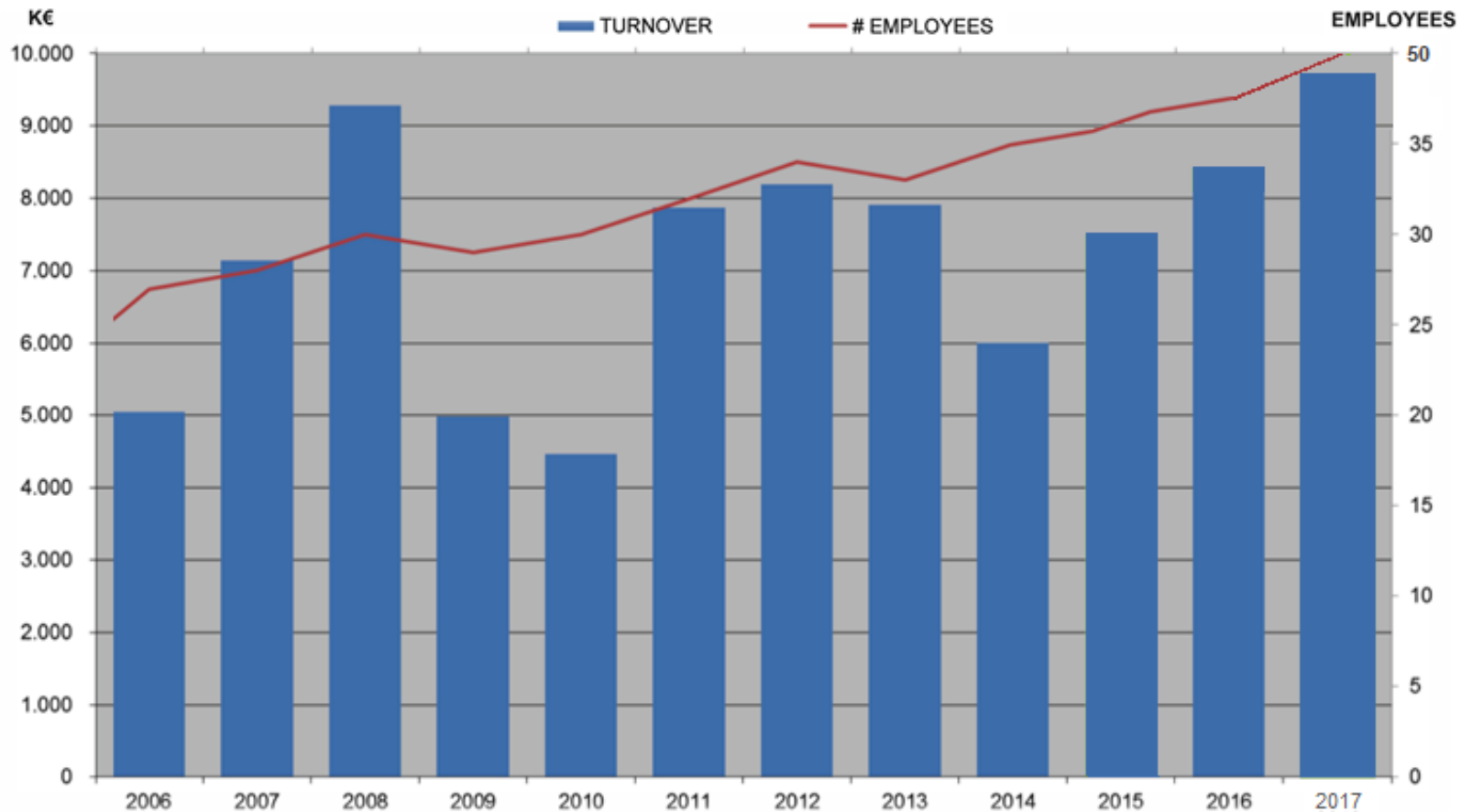
- Satisfying **customers' expectations and needs** regarding:
 - Products & Materials Quality and Conformity
 - Punctuality
 - Assistance
- Granting a **safe working environment** to our employees and community (ISO 14001 Certified)
- Assuring a common way of improvement in term of **Quality & Services to our suppliers**
- Assuring **profits to stockholders**, through productivity improvements
- Assuring a continuous respect of rules to the community and pursuing an **ethic behaviour** conscious of human rights and company tasks



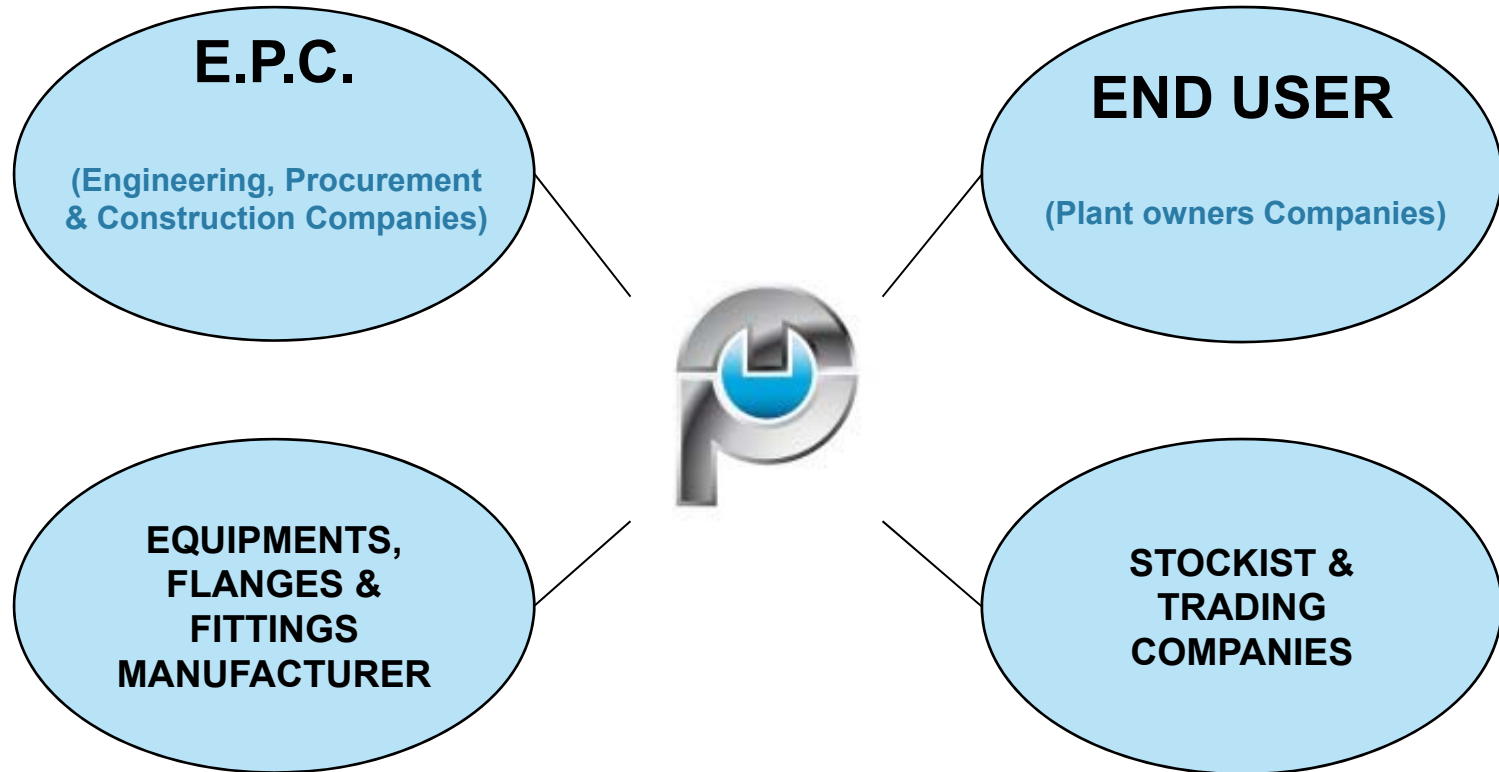
Organization Chart



Turnover & HR



Customers



Main Businesses



O&G

Our core business is the **manufacturing of fittings in all grades of material for the Oil & Gas sector**: Spectacle blinds, paddle blind, spacers ring, drip rings.



UREA & FERTILIZAND PLANT

Special fittings for Urea and Fertilizers industry (high pressure and high corrosion pipelines/plants) such as lenticular gasket nozzles, elbow, tee, carbamate mixers, in addition to pieces based on customer's drawing.



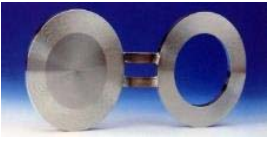





OTHERS

Special forged fittings and flanges in exotic materials, complex assemblies, welded components, weld overlaying, lining and cladding.







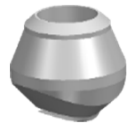

Products of Oil & Gas








	<p>SPECTACLE BLIND On Stock!</p> <p>Made in every material types in accordance with standard specs or customers' dwg</p>
	<p>RING SPACER & PADDLE BLIND</p> <p>Made in every material types in accordance with standard specs or customers' dwg</p>
	<p>DRIP RINGS</p> <p>Made in every material types in accordance with standard specs or customers' dwg</p>
	<p>SPECIAL FLANGES</p> <p>Made in "Exotic" materials only in accordance with standard specs or customers' dwg</p>
	<p>O'LETS (weldolet, threadolet, sockolet, nipoflange, weldoflange)</p> <p>Made in "Exotic" materials with calculated dimensions, standard specs or customers' dwg</p>
	<p>SPECIAL FITTINGS</p> <p>Made in every material types in accordance customers' dwg</p>

Products for Urea & Fertilized Plant



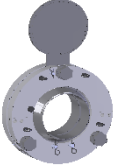








	<p>Lens Gaskets <i>On Stock!</i></p> <p>acc. to Saipem TB.HPU.5002, Urea Casale, DIN2696, GWX standards,...</p>
	<p>Gaskets (1 or 2 branches) <i>On Stock!</i></p> <p>acc. to Saipem TB.HPU.5002, Urea Casale 8577-00-SDP-013, ...</p>
	<p>Nozzles <i>On Stock!</i></p> <p>acc. to Saipem TB.HPU.5002, Urea Casale 8577-00-SDP-009, other specs.</p>
	<p>Threaded Flanges</p> <p>in ASTM A105; acc. to Saipem TB.HPU.5002, Urea Casale 8577-00-SDP-008</p>
	<p>Weldolets, Thredolets, Nipolets</p> <p>acc. to Saipem TB.HPU.5002, MSS - SP97,...</p>
	<p>Ferrules</p> <p>acc. to customer drawings & specifications</p>

	<p>Forged Tees (Equal or Reducing)</p> <p>acc. to ASME B16.9</p>
	<p>Thermowells</p> <p>acc. to Saipem TB.HPU.5002</p>
	<p>Other fittings and flanges as reducers, caps, couplings, WN flanges, SW elbows and tees, bolts and nuts...</p>
	<p>Forged Blocs for Valve Bodies</p> <p>acc. to customer drawings & specifications</p>
	<p>Carbamate Mixers & Ejectors</p> <p>acc. to customer drawings & specifications</p>

Corrosion tests performed by approved laboratories, in accordance with client specification.

Other Products



	SPECTACular Blind © The spectacle blind Easy Change system developed by La Meccanica Padana		Dismounting Joint made in every material types on customers' dwg
	Target / Cushion Tee & Elbow made from forging block in accordance with standard dimensions or on customers' dwg		Welded Assembly, Spools & Equipment made in every material types on customers' dwg
	Orifice Plates & Venturis made in every material types, calculated as per ISO-5167 or on customers' dwg		Cladding & Weld Overlay MIG or TIG weld overlaying on Flanges, Spectacle blind, Spade, Spacer,
	Anchor Flange & Pad Flange made in every material types, calculated as per ASME VIII Div.1 App2 or on customers' dwg		Lining Welding CuNi plates on C.S. Flanges
	Injection Quills made in every material types on customers' dwg	La Meccanica Padana is always looking for developing new products or processes in collaboration with its customers.	



SPECTACular BLIND®

The innovative cost-effective solution for Easy and Quick change of Spectacle Blinds developed by **La Meccanica Padana**.

PATENTED



Main Advantages:

- It is the most competitive solution
- It allows a significant time saving for line opening/closing operations by acting on three bolts only (reducing plant downtime = increasing production of plant)
- It increases the worker safety during changing operations
- Only one worker to perform the opening/closing operations
- Only one tool is needed for working on the system

• It does NOT replace standard flanges, it uses ASME or existing flanges bringing significant advantages:

- No changes on international standard configuration and design
- No additional approvals needed
- Two configurations available:
 - Full system including flanges
 - Retrofit kit without flanges to install on existing pipeline without changing current flanges.

Materials:

- FLANGES and SPECTACLE BLIND can be ordered on all common used materials
- GASKETS: the type of gasket can be proposed for specific process and application

PROJECT CO-FINANCED BY THE EUROPEAN REGIONAL DEVELOPMENT FUND

POR – FESR 2014 – 2020 Asse 1 - Azione 1.1.1. e Azione 1.1.4
BANDO DGR 773/2015 - REGIONE EMILIA ROMAGNA



Regione Emilia-Romagna

Available Sizes:

Pressure Class 150-300-600

Two Bolts solution

2" & 3"

Three Bolts solution

from 4" to 12"



La Meccanica Padana always uses materials coming from **ITALY** or **Western Europe** by collaborating directly with major steel mills in the area, such as *Outokumpu, Ilsenburge, Rautaruukki, Dillinger Hutte, Rubiera, Foroni, Valbruna, Cogne, Sandvik*, etc.

STANDARDS MATERIALS:

- Carbon steel (ASTM 105, A516 Gr. 60/65/70, A350 LF2, A694 F60-65)
- Alloy steel (AISI Gr.1, Gr.5, Gr.9, Gr.91, Gr.11, Gr.22)
- Stainless steel (AISI 304, 316, 321, 347)
- Duplex - Super Duplex (F51, F53, F55, F44)

EXOTIC / SPECIAL MATERIALS:

- Incoloy (800, 800H, 800 HT, 825), Alloy 20
- Hastelloy (C22, C276)
- Cupronickel Cu-Ni
- Monel 400
- Inconel (600, 625)
- Titanium (Gr. 1, 2, 3)
- Urea Grade (316L Mod., 25.22.2)

We Usually Buy:

Forgings



Plate



Bars

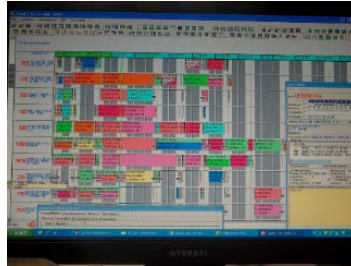


Capabilities



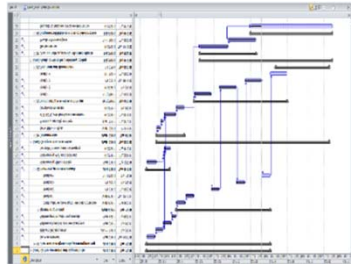
“...WE BELIEVE IN SOFTWARE & PROCESS AUTOMATION”

Production Scheduler



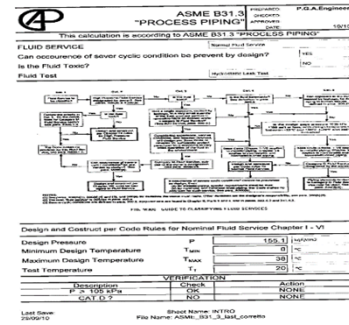
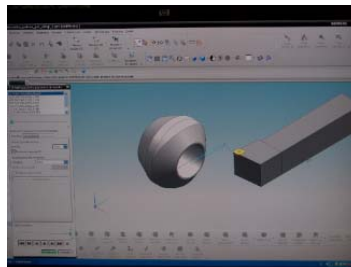
Material & production traceability system

Project Management



(incoming material is tested and traced up to finish parts delivery)

Solid Edge 3D CAD/CAM



Calculation software

(ASME B31.3 - ASME B31.8 - ASME VIII Div.1 App.2 - ISO 5167 - EN13480 -)

Capabilities



“...WE BELIEVE IN MACHINERY AUTOMATION”

Sawing

(up to 600mm diameter)



Welding & Cladding

(Robotic cells with MIG & TIG processes)



Turning & 5axes Mill-Turning

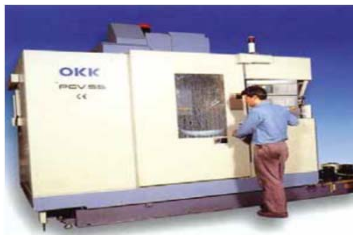
(up to 2000mm diameter)



Lining



Milling & Drilling



We are able to produce parts up to 5 Tons

Capabilities



“...WE MAKE TESTS AND PROCESSES”

**Test Lab for
NDT**



Marking



**Hydraulic
Tests**



Color Coding



Heat Treatments
(max. 1200° C)



**Packing
& Delivery**





“...WE STOCK MATERIAL AND FINISHED PARTS FOR QUICK DELIVERY AND COST OPTIMIZATION”

RAW MATERIALS

FINISHED PARTS

Round Bars

(Several Types,
Urea included)



O&G

(Spectacle Blinds)

Plates

(Several Types,
Urea included)



Urea

(Lens Gaskets
and Nipples)

Approvals



CUSTOMERS' APPROVALS FOR OIL & GAS:

Adgas

Adco

Adma Opco

Agip KCO

Aker Solutions

ARAMCO

(Overseas Company/Saudi Aramco)

CRN (ABSA)

Chiyoda Corporation

Daelim

Edison

ENI

Fluor

General Electrics

Hyundai

JGC

KBR

KPO

(Karachaganak Petroleum Operating B.V.)

KNPC

(Kuwait National Petroleum Company)

Kvaerner

McDermott

NPCC

(National Petroleum Constr. Company)

OMV - Indoil

PDIL

Petrojet

Petro Rabigh

Petrobras

Petrofac

Petronas

Qafco

Qatar Engineering

Qatar Petroleum

Saipem

SK (E&C)

Takreer

Techint

Technip

Tecnicas Reunidas

Tecnimont

Total SA

Zadco

In Process Qualifications:

KOC

QATAR GAS

Approvals



CUSTOMERS' APPROVALS FOR UREA AND FERTILISER SECTOR:

Fauji Fertilizer Company Ltd.

Fertil

(Ruweis Fertilizer industries)

GNFC

(Gujarat Narmada Valley Fertilizers & Chemicals Ltd.)

Hitachi Zosen Corporation

Hyundai

IFFCO

(Indian Farmers Fertilizer Cooperative Ltd)

Larsen & Toubro

Matix Fertilizer

Mitsubishi Heavy Industries Ltd.

NFL

(National Fertilizer Ltd)

PDIL

Pdvsas Services B.V./Bariven

Petronas

Sabic

(Saudi Basic Industries Co.)

Saipem

Stamicarbon

Toyo Engineering Korea Limited

Casale S.A.

Wuhuan Engineering Co. Ltd

In Process Qualifications:

ONGC

EIL

Reference List



Main projects for Spectacle Blind, Paddle Blind & Spacer Ring

YEAR	PROJECT	EPC - END USER	COUNTRY	PRODUCT TYPE
2018	HARADH PROJECT	ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2018	JOHAN CASTBERG HULL	EQUINOR - STATOIL	Norway	Spectacle Blind / Paddle Blind / Spacer Ring
2018	PORTOVAYA LNG – LNG PLANT	LINDE - GAZPROM	Russia	Spectacle Blind / Paddle Blind / Spacer Ring
2018	NJORD FUTURE PROJECT	STATOIL	Norway	Spectacle Blind / Paddle Blind / Spacer Ring
2018	RELIEF SYS & FLARE GAS SYS QCPF	ARABIAN BEMCO - ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2018	INSTALL SULFATE REMOVAL FACILITIES AT AINDAR AND FAZRAN	ENPPI - ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2018	SULFATE REMOVAL FACILITIES	ENPPI - ARAMCO	Saudi Arabia	Spectacle blind
2018	LTA-2 MANIFA	SAIPEM - ARAMCO	Saudi Arabia	Paddle blind / Spacer ring
2018	KHURAIIS FE & SG	SAIPEM - ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2018	YANBU DISTRIBUTION HUB IN PLANT & INTERFACE WORKS	SSEM – ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2018	MASTER GAS PHASE 2	SEPCO- ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring

Reference List



Main projects for Spectacle Blind, Paddle Blind & Spacer Ring

YEAR	PROJECT	EPC - END USER	COUNTRY	PRODUCT TYPE
2018 2017-2016	JAZAN IGCC Gasification Block	SAIPEM – ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2017	ZOHR ONSHORE – Meg Regeneration Package (N°2 Trains)	SAIPEM ENI / PETROBEL	Egypt	Spectacle Blind
2017-2015	JAZAN Refinery North Tank Farm & Loading Arm Facilities	Petrofac / JGC / SK / T.R. ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2017-2016 2015-2014	JAZAN Refinery And Terminal Project	JGC/SK/T.R. – ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2017-2016	BAHRAIN CENTRAL GAS Plant III (CGP-III)	JGC - BAPCO	Bahrain	Spectacle Blind / Paddle Blind / Spacer Ring
2017-2018	RAS TANURA	Tecnicas Reunidas - ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2017-2016	CULZEAN	KBR – MAERSK OIL	UK	Drip Ring / Paddle Blind / Spacer Ring
2017-2015	AEGEAN Refinery (ARP)	UTE TSGI - SOCAR	Turkey	Spectacle Blind / Paddle Blind / Spacer Ring
2017	JOHAN SVERDRUP OIL FIELD	AKER SOLUTIONS/AIBEL STATOIL	Norway	Spectacle Blind / Paddle Blind / Spacer Ring
2017-2018	BID BOLAND II	Sazeh Consultants and Jahan Pars E.C. – P.I.D.M	Iran	Spectacle Blind / Paddle Blind / Spacer Ring
2017	ANAGOLD - Copler Sulfide Expansion	AMEC Foster Wheeler ANAGOLD MADENCILIC	Turkey	Spectacle Blind / Paddle Blind / Spacer Ring / Drip Ring

Reference List



Main projects for Spectacle Blind, Paddle Blind & Spacer Ring

YEAR	PROJECT	EPC - END USER	COUNTRY	PRODUCT TYPE
2017	RAS TANURA Re-Route Pipelines	China Petroleum Pipeline M.E. ARAMCO	Saudi Arabia	Spectacle blind
2017-2015	CLEAN FUEL (CFP)	JGC/GS/SKEC - KNPC	Kuwait	Spectacle Blind / Paddle Blind / Spacer Ring
2017	AL-ZOUR Refinery – Package 1	JV Tecnicas Reunidas /Sinopec/ Hanwha - KNPC	Kuwait	Spectacle Blind / Paddle Blind / Spacer Ring
2017	MAZALIJ & ABU JIFAN Pipeline	ArKad - ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2017	FADHILI Gas Plant	Tecnicas Reunidas - ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2017-2016	FADHILI Gas Plant Sulfur Recovery Facilities	Petrofac – ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2016	FADHILI Downstream Pipelines	ArKad - ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2016	SLUISKIL (NL) Granulation unit for Urea	Tecnimont - YARA	Netherlands	Spectacle Blind / Paddle Blind / Spacer Ring
2016	BLANCHARD REF. CO – Waste Water Treatment	JACOBS	USA	Paddle Blind/Spacer Ring
2016	MOTIVA - HCU2/DHT Debottleneck	JACOBS	USA	Paddle Blind/Spacer Ring
2016	ZAPSIB 2 LLDPE/HDPE Unit	TECHNIP – ZAPSIBNEFTEKHIM	Russia	Spectacle Blind / Paddle Blind / Spacer Ring

Reference List



Main projects for Spectacle Blind, Paddle Blind & Spacer Ring

YEAR	PROJECT	EPC - END USER	COUNTRY	PRODUCT TYPE
2016	MARTIN LINGE PROJECT	STATOIL/PETORO/TOTAL	Norway	Spectacle Blind
2016	PETROBRAS P75 – P77	PETROBRAS	Brasil	Spectacle Blind / Paddle Blind / Spacer Ring + WELDOVERLAY
2016-2015	MOGAS COGEN	JGC – ARAMCO	Singapore	Spectacle Blind / Paddle Blind / Spacer Ring
2016	DCU/FLARE ANTWERP	FLUOR - EXXONMOBIL	Belgium	Spectacle Blind / Paddle Blind / Spacer Ring
2015	ODOPTU STAGE2 - Sakhalin Island	FLUOR - EXXON	Russia	Spectacle Blind / Paddle Blind / Spacer Ring
2015	FORT HILLS U&O	FLUOR	Canada	Paddle Blind & Spacer Ring
2015	DOMINION COVE POINT LNG Expansion Terminal	IHI - KIEWIT	USA	Spectacle Blind / Paddle Blind / Spacer Ring
2015	TEMPA ROSSA OT Corleto Perticara (IT)	Tecnimont - TOTAL	Italy	Spectacle Blind / Paddle Blind / Spacer Ring
2015	P-76 FPSO (Floating Production Storage And Offloading)	Consorcio TechnipTechint – PETROBRAS	Brazil	Spectacle Blind / Paddle Blind / Spacer Ring + WELDOVERLAY
2015	JAZAN Refinery South Tank Farm Facilities	Petrofac Saudi Arabia –SAOC	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2014-2013	RABIGH II Petrochemical (U02 & U03 Packages)	Petrofac - ARAMCO	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring

Reference List



Main projects for Spectacle Blind, Paddle Blind & Spacer Ring

YEAR	PROJECT	EPC - END USER	COUNTRY	PRODUCT TYPE
2014	OPTARA, Lot 2a & 2b	Tecnicas Reunidas – TOTAL	Belgium	Spectacle Blind / Paddle Blind / Spacer Ring
2014	EDVARD GRIEG	Aker Solutions - KVAERNER	Denmark	Spectacle Blind / Paddle Blind / Spacer Ring
2014	DO TERMINAL HEJRE Crude Stabilisation	Cb&I - DONG OIL PIPE	Denmark	Spectacle Blind
2014	CDB HIGH SOUR GAS FIELD Kai/Xuanhan Block Gas Field	China Petroleum Engineering	China	Spectacle Blind / Paddle Blind / Spacer Ring
2014	Gas Processing Plant Rejuvenation	Toyo Engineering	Malaysia	Spectacle Blind
2014	GRAN CHACO Liquid Separation Plant	Tecnicas Reunidas – YPFB	Bolivia	Spectacle Blind
2014-2013	EPDM & PBR Facilities Saudi Elastomers (Sep)	Tecnicas Reunidas	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2014 - 2013	ETHYDCO'S Utilities & Offsites Facilities	ENPPI	Egypt	Spectacle Blind
2013	IZMIT Refinery Upgrading	Tecnicas Reunidas	Turkey	Spectacle Blind / Paddle Blind / Spacer Ring
2013	PETROKEMYA Abs	Tecnicas Reunidas – SABIC	Saudi Arabia	Spectacle Blind / Paddle Blind / Spacer Ring
2013	HEBRON Topsides	Worley Parsons	Canada	Spectacle Blind / Paddle Blind / Spacer Ring

Reference List



Main projects for Urea and Fertilizer Industry

YEAR	EPC-END USER / PROJECT	COUNTRY	PRODUCT TYPE
2018	PETROVIETNAM	Vietnam	Lens Gasket
2018	Larsen & Toubro / EIL-RFCL	India	Nozzle / Weldolet / Forged Components
2017	SABIC	Saudi Arabia	Lens Gaskets Type A
2017	KHANG TRANG TECHNOLOGY SERVICE TRADING	Vietnam	Weldolet / Lens Gaskets
2017	AVANZIA Agronitrogenados Project	Mexico	Lens Gaskets Type A & B / Lens Gaskets with One Branch
2017	PETROVIETNAM	Vietnam	Thermowell / Lens Ring Gaskets
2017	LARSEN AND TOUBRO RFCL project	India	Manway / Gasket Seat/Nozzle/Sleeve/Pipe/Stub Piece/Elbow
2016	SAFCO	Saudi Arabia	Lens Gaskets
2016	LARSEN AND TOUBRO	India	Lens Gasket/Gasket Type A/ Gasket Seat/Liner Sleeve
2016	SAFCO	Saudi Arabia	Lens Gasket

Reference List



Main projects for Urea and Fertilizer Industry

YEAR	EPC-END USER / PROJECT	COUNTRY	PRODUCT TYPE
2016	PETROVIETNAM / Ca Mau Fertilizer Plant	Vietnam	Lens Gasket
2016	FAUJI FERTILIZER	Pakistan	Threadolet/Lens Gasket
2015	SOTO SEISAKUSHO	Japan	Flange Lens
2015	SABIC	Saudi Arabia	Gasket Lenticular/Gasket Lens Ring
2015	CHEMTROLS Industries	India	Circular Forge/Flange Blind/Flange Slip
2015	SHANXI AOWEITIANYUAN CHEMICAL MTPD Urea Project	China	Sprayer
2015	PTT Corporation	Malaysia	Lens Gasket
2015	PETROSETCO VUNGTAU GENERAL SERVICES	Vietnam	Flange/Screw Nozzle/Lens Ring Gasket
2015	PCS NITROGEN	Trinidad & Tobago	Nozzles
2015	MATIX FERTILISERS & CHEMICALS LIMITED Greenfield Fertiliser Complex	West Bengal	Threaded Flange/Threaded Sleeve/Lens Gasket/Stud Full Threaded

Reference List



Main projects for Urea and Fertilizer Industry

YEAR	EPC-END USER / PROJECT	COUNTRY	PRODUCT TYPE
2015	mitsubishi heavy industries TGF Project	Turkmenistan	Lens Gasket type A
2015	SABIC / SAFCO	Saudi Arabia	Forged fittings / Lens Gasket
2015	IFFCO.	India	Lens Gasket with branch
2015	PETROVIETNAM / Ca Mau Fertilizer Plant	Vietnam	Lens Gasket type A / with branch / Round bar
2015	LARSEN AND TOUBRO	India	Lens Gasket / Nozzle
2015	CASALE SA Ojsc Nak «Azot» Nonomoskovsk	Russia	Lens Gasket
2015	HITACHI ZOSEN	Japan	Lens Gasket / Forged Pipe / Elbow 90° / Sleeve for TW / Sheath for TW
2015	FAUJI FERTILIZER	Pakistan	Hex. Head bolt / Hex. Nuts / Washer Lens Gasket
2014	TOYO – Kaltim 5	Indonesia	Concentric Reducer / Elbow 90°
2014	ISGEC HITACHI ZOSEN	India	Flange LWN / Flange blind / Stub End on dwg.

Reference List



Main projects for Urea and Fertilizer Industry

YEAR	EPC-END USER / PROJECT	COUNTRY	PRODUCT TYPE
2014	CASALE SA / Koch Nitrogen Company	USA	Screwed Flange / Nozzle / Lens Gasket / Stud bolt / Nut
2014	CASALE SA / JSC Togliattiazot	Russia	Welding Neck / Screwed Nozzle / Lens Gasket / Stud bolts / Heavy Nut
2014	PETROVIETNAM / Ca Mau Fertilizer Plant	Vietnam	Lens Gasket type A / with branch / Round bar
2014	LARSEN AND TOUBRO	India	Lens Gasket / Nozzle
2014	FAUJI FERTILIZER	Pakistan	Hex. Head bolt with Nuts
2013	FERTINITRO – Fertilizantes Nitrogenados de Venezuela	Venezuela	Fittings and Lens Gaskets
2013	MATIX FERTILIZERS	India	Gasket
2013	PETRONAS	Malaysia	Gasket
2013	CASALE SA / Berezniki Azot	Russia	Gasket
2013	SAIPEM / SAFCO 5° Urea stand Alone	Saudi Arabia	Forged Fittings

Reference List



Main projects for Assemblies, Mixers and Special Fittings

YEAR	EPC-END USER / PROJECT	COUNTRY	PRODUCT TYPE
2018	KASHAGAN FIELD DEVELOPMENT FOR TOPSIDES FOR EP CLUSTERS 2,3,4	Kazakhstan	Injection Quill
2018	ORION – E530	France	Flange in 304L with N08904L weldoverlay
2018	PHOENIX PROJECT – HVO REFORMERS LOTS - EPsCM	France	Duchenne Flange
2018	SAIPEM – ARAMCO / JAZAN IGCC GASIFICATION PROJECT	Saudi Arabia	Injection Nozzle
2018	AIBEL - STATOIL DVALIN TIE-IN TO HEIDRUN TOPSIDE EPCI	Norway	Injection Quill
2018	MITSUBISHI HEAVY INDUSTRIES TGF Project	Turkmenistan	Carbamate Mixer
2018	BP MAD DOG PHASE2	Mexico	ORIFICE PLATE
2017	CASALE - KOCH Fertilizer LLC	USA	Ammonia Washing Ejector
2017	ARAMCO CANON FRANCE PRJ	France	ORIFICE PLATE

Reference List



Main projects for Assemblies, Mixers and Special Fittings

YEAR	EPC-END USER / PROJECT	COUNTRY	PRODUCT TYPE
2017	SAIPEM - ARAMCO Jazan Igcc Gasification Pack 1	Saudi Arabia	Nippled Drip Ring Injection Quill
2017	TECNIMONT – ORPIC Liwa Plastics Industries Complex	Oman	Pad Flanges
2016	GE Waad Al-Shamal Project	Saudi Arabia	ORIFICE PLATES
2016	CO.SVI.G. – SESTALAB Gas turbine test plant	Italy	SPECTACular BLIND
2016	TECNIMONT - YARA SLUISKIL (NL) Granulation unit for Urea	Netherlands	Pad Flanges
2016	SAIPEM - ARAMCO Rabigh II Unit 410 & 420 Project	Saudi Arabia	Injection Quills
2016	CASALE SA Koch Fertilizer Enid (Oklahoma – USA) Ammonia Exp. Project	USA	Ammonia Washing Ejector
2016	ENAC NAFTAL Skikda – Khroub El Eulma Project	Algeria	Anchor Flanges
2016	ENAC Gazoduc RGZ3 SC5-TA Arzew Project	Algeria	Anchor Flanges
2016	TECNICAS REUNIDAS – ABU DHABI OIL CO. Hail Surface Facilities EPS Project	UAE	Anchor Flanges
2015	SONATRACH BP50 - HASSI MESSAOUD	Algeria	ORIFICE PLATES
2015	COMART – PETROFAC ZADCO Upper Zakum 750 Project	UAE	Drip Rings with Flanged Bleeds Assy

Reference List



Main projects for Assemblies, Mixers and Special Fittings

YEAR	EPC-END USER / PROJECT	COUNTRY	PRODUCT TYPE
2015	CONSORCIO TECHNIP/TECHINT - PETROBRAS Petrobras P76 Project	Brazil	Injection Quills
2015	ENERECO – PETROM FRD Phoenix – Vata Phase 1 Project	USA	Injection Quills
2015	CASALE SA - IFFCO Aonla and Phulpur Plants	India	Ammonia Washing Ejector
2015	ENI - AGIP KCO / Kashagan Field Development Experimental Program Project for Topsides for EP clusters 2,3,4	Kazakhstan	Injection Quills
2015	SONATRACH / Gas Gathering	Algeria	Injection Quill
2014	CB&I – BASF Antwerpen Black Diamond Project	Belgium	Spray Nozzle Assemblies
2014	CB&I – DONG OIL PIPE A/S Do Terminal Hejre Crude Stabilisation Project	Denmark	Sample connection Assembly Analyser Connection
2014	SAIPEM – SAFCO SAFCO 5° Urea stand Alone	Saudi Arabia	Carbamate Mixer
2014	mitsubishi heavy industries TAF Project	Russia	Carbamate Mixer
2013	AMMONIA CASALE Lifeco	Libya	Ammonia Washing Ejector
2013	PETRONAS CHEMICALS FERTILISER SABAH SDN BHD Samur Project	Malaysia	Carbamate mixer
2013	HABAC NITROGENOUS AND CHEMICAL COMPANY LTD. (Hanichemco) / Revamping-Expanding Ha Bac Nitrogenous fertilizer Plant (HBNFP)	Vietnam	Carbamate Mixer

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