



Steel Pipes Fittings Flanges Forgings & Spools

quality and service for business



FORITEX has been serving the Oil, Gas and Power Industries (conventional and nuclear) for almost 40 years. Our own production of non-standard piping components and piping fabrication/assembly, coupled with our extensive and close network with manufacturers and stockists enable **FORITEX** to offer a comprehensive supply capability.

FORITEX supply range is available in the following pages. All piping components are manufactured in accordance with International Standards, Customers' drawings, and/or designed to comply with project's requirements and data sheets.

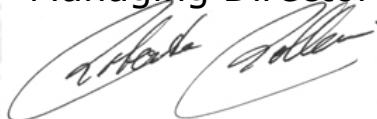
FORITEX can support clients by supplying design, calculation and stress analysis (FEA) of WYE, branch and piggable fittings, pipeline flanges, bolts & nuts, gaskets and nozzles.

FORITEX can also supply full inspection services carried out by qualified independent inspectors.

FORITEX is your ideal partner for your piping purchasing requirements. Our technical and commercial expertise, earned through years in the business, ensures all materials supplied meet client's technical requirements and, equally important, within the contractual delivery time. The enclosed reference list is evidence of our clients' satisfaction with our performance over the years.

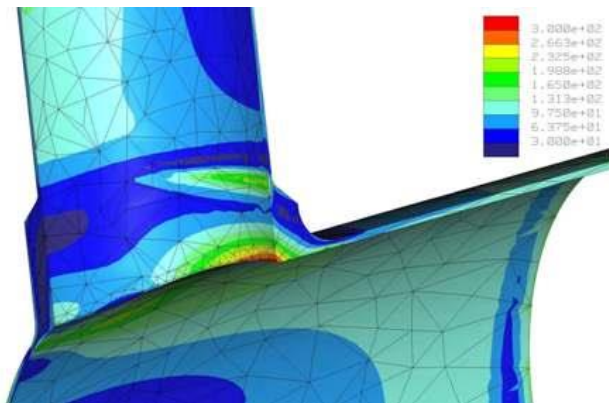
We look forward to be given the opportunity to prove our capabilities to you.

Managing Director



FORITEX offer professional engineering support to cover specific project requirements.

Our engineering team can assist clients in all aspects of design, calculation and verification thanks to the experience acquired through the years in the oil, gas, power plant (conventional and nuclear) and pressure vessel industries.



FORITEX design process is supported with the use of Computer Aided Design (CAD) and the latest 3D solid modeling software with Finite Elements Analysis (FEA).

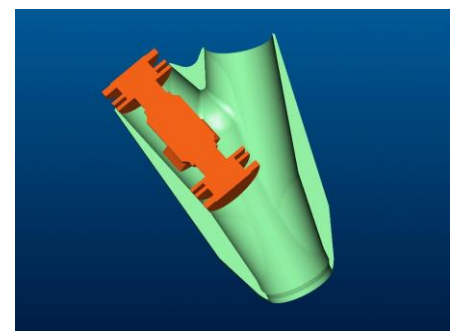
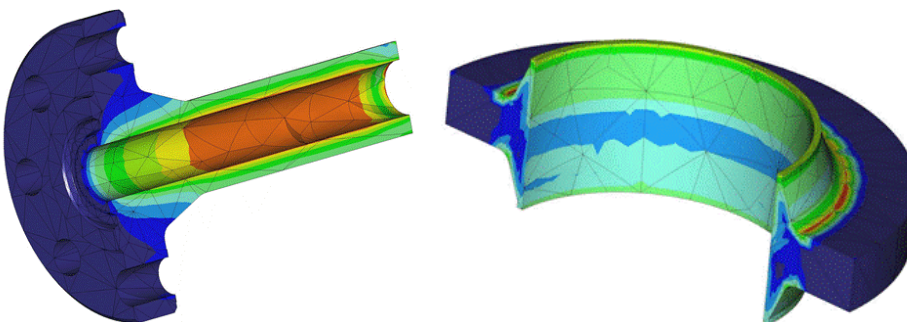
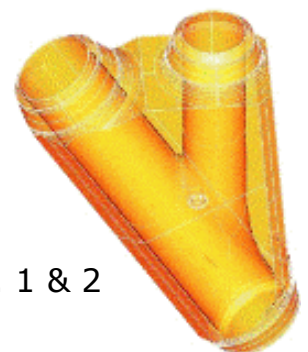
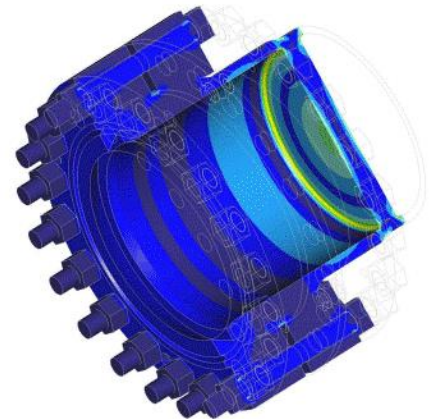
If required, design can be verified by a third party engineer.

FORITEX can design the following products:

- ✓ Wye & Piggable Wye
- ✓ Swivel, Anchor, Hanger, Misalignment & Hot Tap Flange
- ✓ Barred, Flow, Studded & Lateral Tee
- ✓ Buckle Arrestor & J-Lay Collar
- ✓ Pig Launcher / Receiver & Piping Spool
- ✓ Self-reinforced branch fitting (outlet fitting): sweep, vessel, lateral, weld or flanged outlet

Design in accordance to the following standards and norms:

- ASME B31.1, B31.3, B31.4 and B31.8
- Pressure Equipment Directive 97/23/EC (PED)
- ASME Boiler and Pressure Vessel Code (BPVC) Section I
- ASME Boiler and Pressure Vessel Code (BPVC) Section III
- ASME Boiler and Pressure Vessel Code (BPVC) Section VIII div. 1 & 2
- RCC-M
- Others



FORITEX manufactures and supplies non-standard piping components and piping fabrication/assembly to major International Fabricators, Engineering, Contractors, Power (conventional & nuclear) and Oil-Gas companies and believes that quality and service are key to its success and over the years has earned the trust of its customers.

Its motto: **Quality and Service for business** is therefore aimed at assuring its customers complete satisfaction via:

Quality: products and services must always fulfil at first delivery to the agreed contractual terms and to all other applicable requirements concerning customer satisfaction.

Service: customers are able to obtain assistance and information in a fast and efficient manner, and can count on reliable and predictable time of delivery.

Management Commitments & Corporate Value

- ✓ Ensure Staff are **safe, healthy** and operate within a **stimulating** working environment;
- ✓ Provide to Suppliers a **common seamless route** in enhancing quality products and services;
- ✓ Ensure to Company **business development** through higher productivity, investigation of new markets and continuous improvement of its management system;

FORITEX is certified **ISO 9001:2015** and holds approvals and qualifications from major firms.



CERTIFICATE OF CONFORMITY FOR QUALITY MANAGEMENT SYSTEM PER IL SISTEMA DI GESTIONE DELLA QUALITÀ

Certificate No AQS/Q/89852022

Name of Company /Rilasciato a: **FORITEX S.r.l.**
P.IVA: IT00882470339

Address/Indirizzo: Via Emilia Piacentina, 12, Sarmato 29010 - PC - Italia.

Standard / Norma: **EN-ISO 9001:2015**

Concerning the following for services / È conforme ai requisiti, per il seguente campo applicativo:

Design, manufacture and marketing of fittings, flanges and piping components for the oil & gas, power and related industries. Supply of items in accordance to PED material requirements.

Progettazione, produzione e commercializzazione di raccordi, flange e componenti di tubazioni per l'olio, gas, e energia per le industrie correlate.
Fornitura di articoli in conformità ai requisiti dei materiali PED

EA Sectors / Settori EA: 17, 29.

Validity of the Certificate / Validità del certificato:

First issue (other CAB)/
Prima emissione

31/07/2019

Recertification/
Ricertificazione

20/07/2022

The first
maintenance within

20/07/2023

The second
maintenance within

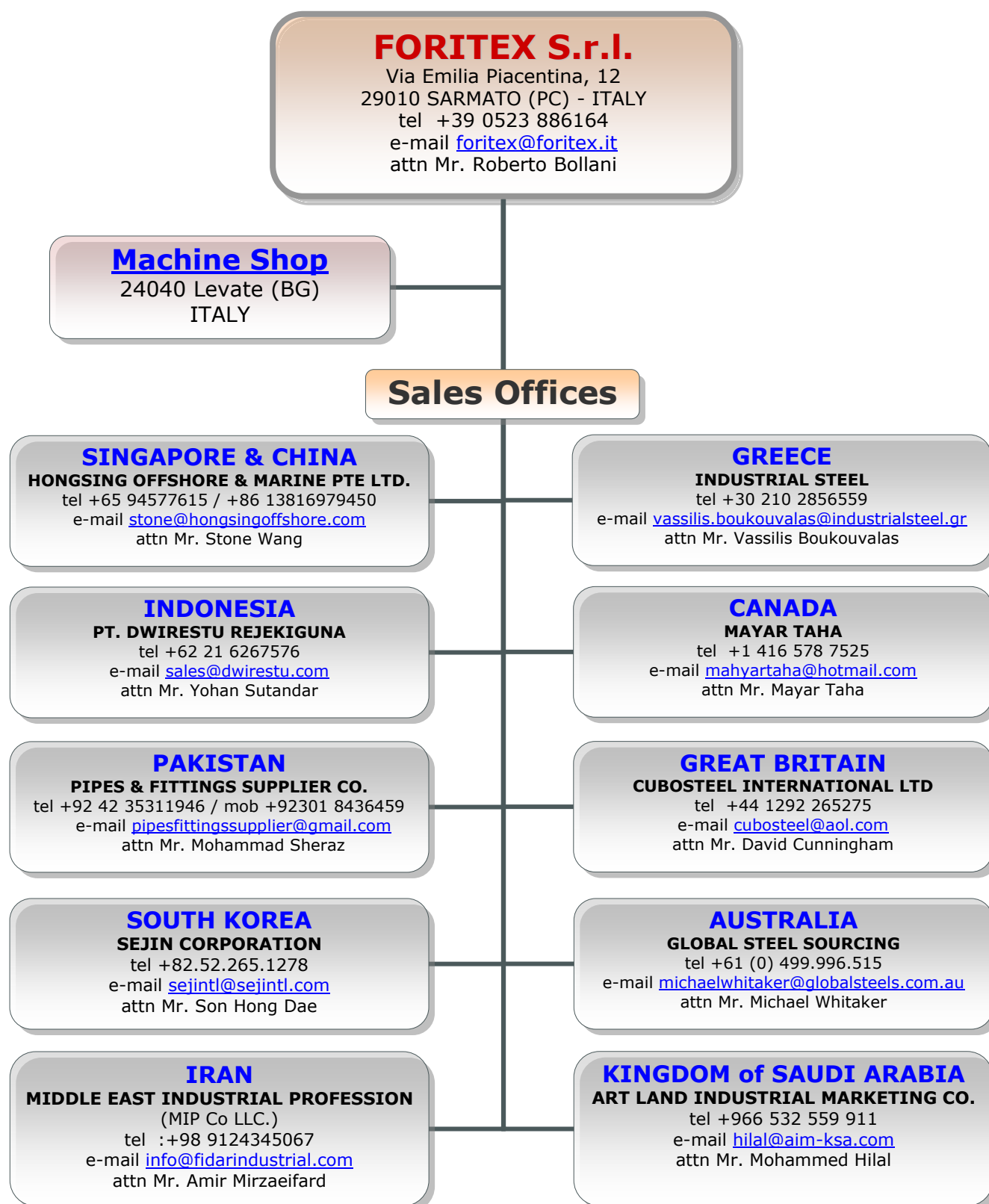
20/07/2024

Expiry date/
Data di scadenza

19/07/2025

The validity of the certificate is subject to respect for the conditions established in the AQSCERT Regulation. The validity of the certificate is subordinate to periodic surveillance and to a complete reassessment at 3-year intervals. To check the validity of the certificate on the web site www.aqscert.org, in section "MY CERTIFICATE", please write the name of the company and the number of the certificate.

La validità del certificato è soggetta alle norme stabilite nei regolamenti AQSCERT. La validità del certificato è subordinata alla manutenzione periodica e ad una rivalutazione completa a intervalli di 3 anni. Per verificare la validità del certificato sul sito web www.aqscert.org, nella sezione "MY CERTIFICATE", si prega di scrivere il nome dell'azienda e il numero del certificato.



PRODUCTS LIST

- ✓ Swivel, Anchor, Hanger, Misalignment & Hot Tap flanges
- ✓ Welded & Seamless pipes
- ✓ Hollow forged pipes
- ✓ Deep-bored pipes
- ✓ Pipe spools
- ✓ Manifolds
- ✓ Forgings
- ✓ Flanges
- ✓ Buttweld fittings
- ✓ Lap Joint Stubends
- ✓ Vessel flanges
- ✓ Contoured nozzles
- ✓ Long WN
- ✓ Tubesheets
- ✓ AWWA flanges
- ✓ Piggable WYE & Lateral tees
- ✓ Pipe bends
- ✓ Piggable fittings
- ✓ Sphere & Flow tees
- ✓ Barred & Target tees
- ✓ Buckle Arrestor & J-Lay Collar
- ✓ Power Plant fittings
- ✓ Screwed & Socket-weld fittings
- ✓ Branch outlet fittings
- ✓ Ring-joint gaskets
- ✓ Bolts & Nuts
- ✓ Special fasteners & Stud-bolts
- ✓ Monolithic Insulating Joints
- ✓ Weld-overlaying of flanges, nozzles & fittings
- ✓ Packing & Gaskets

STANDARDS

- | | | | | |
|---------|--------|--------|----------|---------|
| ✓ ASME | ✓ ASTM | ✓ CSA | ✓ GHOST | ✓ NACE |
| ✓ ANSI | ✓ ASTN | ✓ DIN | ✓ ISO | ✓ RCC-M |
| ✓ API | ✓ AWS | ✓ EMUA | ✓ MSS | ✓ JIS |
| ✓ AFNOR | ✓ BSI | ✓ EN | ✓ NORSOK | |

MATERIALS

- | | |
|-------------------------------|--------------------------|
| ✓ Carbon & Low Temp. Steel | ✓ Low & High Alloy Steel |
| ✓ High Yield Steel | ✓ Titanium |
| ✓ Stainless Steel | ✓ Exotic steels |
| ✓ Duplex & Super Duplex Steel | |

CERTIFICATION

- ✓ Standard: EN 10204 Type 3.1
- ✓ Upon request: EN 10204 Type 3.2 countersigned by TUV, DNV, Lloyd's Register, Bureau Veritas, SGS or other independent authority.

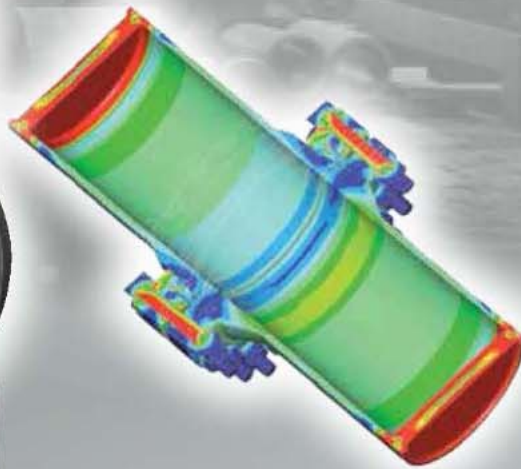
INDUSTRIES

- | | |
|--------------------------------------|---|
| ✓ Oil and Gas (onshore and offshore) | ✓ Power Plants (conventional & nuclear) |
| ✓ Petrochemical and Chemical Plants | ✓ General Industry |



Machining units available for machining operation	builder	model	year of construction / revision	dimensional capacity values in mm	max workable weight ton
1 - Horizontal lathe					
1.01	POREBA	TCF 224	2009	diam. 2240 X 12000	40
1.02	WMW NILES	DP1 S/3	1988/1998	diam. 1900 x 7000	15
1.03	G. GIANA	GGL 900	1995	diam. 1600 x 6000	12
1.04	L. PONTIGGIA		1960/2007	diam. 1200 x 4000	6
2 - Vertical lathe					
2.01	KOLOMNA	1540T	2009	diam. 4000 x 2800	50
2.02	KOLOMNA	1532	2000	diam. 3200 x 2000	50
2.03	SEDIN	1525	2001	diam. 2500 x 1600	12
2.04	ROMAN	SC 22	1991/2004	diam. 2200 x 1500	12
2.05	TOS HULIN	SKIQ20	2014	diam. 2000X1700	20
3 - Millers					
3.01	LAZZATI	HB 160 MT	2015	4000x3000	30
3.02	FERMAT	WFT13R	2021	4000X2500	20
3.03	FOREST LINE'	P130	1990/2006	2000 x 2000	15
3.04	SAN ROCCO	Futura 10	1988/2005	2000 x 1500	6
3.06	MTE	BF 4200	2002	4000 x 1500	12
3.07	FIL	FA 250	1988	2500 x 1300	5
3.08	TOS	WHQ 110	2012	2500x1600	8
4 - Cutter					
4.01	SGM		1980/2006	1500 x 2200	50
5 - Bridge crane					
5.01	MARTE		2000		50
5.02	TONOLI		2003		16
5.03	TONOLI		2002		15
5.04	DOVERE		1994		15
5.05	MARTE		1998		6.3

Welded & Seamless pipes
 Hollow forged pipes
 Deep-bored pipes
 Pipe spools
 Manifolds
 Forgings
 Flanges
 Lap Joint Stubends
 Vessel flanges
 Contoured nozzles
 Long WN
 Tubesheets
 Swivel, Anchor, Hanger, Misalignment
 & Hot Tap flanges
 AWWA flanges
 Packing & Gaskets
 Pipe Spools
 Buttweld fittings
 Pipe bends
 Piggable fittings
 Sphere & Flow tees
 Barred tees
 Piggable WYE & Lateral tees
 Buckle Arrestor & J-Lay Collar
 Power plant fittings
 Screwed & Socket-weld fittings
 Branch outlet fittings
 Ring-joint gaskets
 Bolts & Nuts
 Special fasteners & Stud-bolts
 Patented Quick Opening Closures
 Monolithic Insulating Joints
 Weld-overlaying of flanges, nozzles & fittings



REFERENCE LIST

main projects



Year	Product	Material	Project / Country
1990	Fittings, flanges & special nozzles	WPB - A105 LF2	KANGAN PROJECT IRAN
1990	20" anchor flanges with pup pieces	ASTM A694 F60	BRAHMAPUTRA GAS PROJECT BANGLADESH
1991	900 lbs nozzles with w-overlaying	ASTM A350 LF2 + 304L	EPMI SELIGI 'A' GLYCOL PACKAGE MALAYSIA
1991	Large size fittings and flanges	LOW ALLOY	N.W. SHELF DEVELOPMENT AUSTRALIA
1991	Swept nozzles 2" to 20" 600 lbs	ASTM 105	Slug catcher and Inlet separator BRUNEI SHELL PETROLEUM COMPANY
1992	Large size fittings and saddle nozzles	WPHY60 & Y70 WPB & A105	ARCO ONWJ GAS DEVELOPMENT INDONESIA
1992	Fittings, flanges & Spacers	Carbon Steels	UNOCAL ATTACKA 'L' PLATFORM INDONESIA
1992	2" to 10" 600 LBS swept nozzles	A182 F304	PHILIP MORRIS BV - DIET II PLANT NEDERLAND
1992	3" to 30" 900 LBS saddle type nozzles	ASTM A350 LF2.	Slug catcher and Inlet separator ADNA-OPCO
1992	70 tons of butt weld and outlets fittings	ASTM WPB & A105	KHARG TERMINAL IRAN
1993	2" to 24" 600 LBS saddle type nozzles	SA350 LF2.	E.P.M.I. MALAYSIA
1993	Forged fittings & swage nipples	ASTM A105 & A182 F316L	THE LIVERPOOL BAY DEVELOPMENT U.K.
1993	10" 5D pipe bends	WPHY65	PERTAMINA INDONESIA
1993	18" to 24" Anchor Flanges	ASTM A694 F60	KADANWARI PIPELINE & SHIKARPUR LARKANA LOOPLINE
1993	43 tons of welded pipes 1" to 24" OD	TP304L, 316L & 316TI	PT RISJAD BRASALI CHEMINDO INDONESIA
1993	1 x 15 tons saddle type boot	ASME SA105	High pressure separator SINGAPORE REFINING CO. LTD.
1994	30 tons of fittings and flanges.	ASTM A105	NAVAL BASE LIQUID FUEL STORAGE TURKEY
1994	Heavy wall butt welding fittings	WPHY52	JUDY / JOANNE DEVELOPMENT GREAT BRITAIN
1994	100 tons of piping component	Alloy & Stainless Steels	JOHORE MALAYSIA
1994	Large flanges	ASTM A182 F51	SOUTH MORECAMBE TERMINAL U.K.
1994	10 tons of tubing	A269 TP317L	Rigid arm & Riser column. WANASEA & COSSACK PROJ AUSTRALIA
1994	Piping components	Carbon Steels	Water Injection Module WHITE TIGER II FIELD VIETNAM
1994	40 tons of piping component	Carbon Steels	POLYMER & UTILITIES PLANT KARAWANG INDONESIA
1994	Heavy wall butt welding fittings	ASTM A234 WPB	KRANJI SEWERAGE TREATMENT WORKS SINGAPORE
1994	Large size vessel flanges	A182 F304H	FOSTER WHEELER TEXACO U.K.
1994	Heavy wall butt welding fittings	A403 WP 316L	JACKET & TOP SITE SOUTH CHINA SEA
1994	20 tons of piping components	Carbon Steels	BOTAS NATURAL GAS PIPELINE TURKEY

REFERENCE LIST

main projects



Year	Product	Material	Project / Country
1995	20 tons of piping components	Carbon Steels	CHIYODA CORPORATION SERAYA CHEMICALS
1995	10 tons of vessel nozzles	BS1503-224-490E LT40	Production separator & coalescer HIGHLAND FABRICATORS (BROWN & ROOT) U.K.
1995	Forged steel BW & Branch outlets fittings	A182 F316 MODIFIED	UREA PLANT INDIA
1995	Heavy wall elbows & hollow pipes	A234 WP22 & A182 F22	CHANDRAPUR 500 MW, UNIT 7 BHARAT HEAVY ELECTRICAL LIMITED INDIA
1995	Vessel nozzles & flanges	A182 F11 Class 2	STONE & WEBSTER for GULF OIL REACTOR VESSEL U.A.E.
1995	300 mtr 8" Sch 10S seamless pipe	A312 TP316L	PT. RISJAD BRASALI PEROXIDE CIKARANG, WEST JAVA INDONESIA
1995	Special forged elbows	SA266 CLASS 2	2 x 600 MW COAL FIRE BOILERS STEIN INDUSTRIES - FRANCE U.K.
1995	Bored & machined forged tees	Carbon Steel	HOT TAPPING EQUIPMENT BELGIUM
1995	Special forged nozzles	A105 & A350 LF2	MOBIL OIL INDONESIA INC. INDONESIA
1995	15 tons of pipes, fittings & flanges	Alloy Steel	POWER PLANT PAKA PASIR GUDANG PROJECT MALAYSIA
1995	Fittings & flanges (sizes 20" to 48").	Carbon Steel	THAI PETROCHEMICAL INDUSTRY FLARE STACKRAYONG, MAP TA PHUT
1995	Large size bends	WPHY52	ARBINI PCG PIPELINE - JAVA JAVA - INDONESIA
1996	Trunnions	ASTM A705M-93 Type 630 H1150	NUCLEAR POWER PLANT JAPAN
1996	Large size butt weld fittings & flanges	ASTM A694 F65 & WPHY 65	ARBINI PCG PIPELINE JAVA - INDONESIA
1996	Flanges	ASTM A694 F42, F52 and F65	Metrogas Project VALPARAISO / SAN ANTONIO CHILE
1996	Special concentric reducers	MSS SP-75 WPHY60	Gas & Oil Launchers UNOCAL INDONESIA INDONESIA
1996	50 tons of seamless pipes	A312 TP321	THAI PETROCHEMICAL INDUSTRY THAILAND
1996	Nozzles	BS 1503 - 225 - 490 LT40	AMOCO (UK) EXPLORATION CO. GREAT BRITAIN
1996	Swept Nozzles	ASTM A182 F11	BP ETAP U.K.
1996	Heavy wall butt weld fittings & flanges	MSS SP-75 WPHY60 /A694 F60)	WHITE TIGER II VIETNAM
1996	Special designed nozzles	BS 1503 - 225 - 490 LT40	K.C.C KUWAIT
1996	24" Sch 80 Elbows for pig passage	A420 WPL6	BINTULU CRUDE OIL TERMINAL SARAWAK - MALAYSIA
1996	Fittings & flanges	Carbon steel	TOTAL MYAMMAR PP/QP
1996	Pipes, BW, forged steel & Flanges	A312 TP32, A403 WP32, A182 F321	TUNU NORTH FIELD DEVELOPMENT INDONESIA
1996	24", 36" & 42" anchor flanges	A694 F52	INSTALLATION OF PIGGING FACILITIES ON HP FUEL GAS LINES KUWAIT
1996	2500 mm OD flanges	SA516 Grade 70.	Reboiler closure TUNU DEVELOPMENT INDONESIA
1997	12000 m of tubes for heat-exchanger	SA213 TP316L	CIKARANG INDONESIA

REFERENCE LIST

main projects



Year	Product	Material	Project / Country
1997	1000 pieces special nozzles	C22.8 & DIN 17243.	VARIOUS OIL REFINERIES DEUTSCHLAND
1997	28" AWWA flanges	SA516 Gr.60	Recycling waste water in natural gas power plant REPUBLIC OF SOUTH AFRICA
1997	Pipes, fittings & flanges	Low temp. steel	TOTAL BONGKOT FIELD DEVELOPMENT
1997	Piping component	Carbon Steel	AL-SAMEEN FIELD PROJECT MAERKS OIL QATAR
1997	150 tons of heavy forgings	ASTM A105	Tubesheets and vessel flanges INDONESIA
1997	Nozzles to customer's design	BS 1503 - 225 - . 490E - LT20	B.P. EXPLORATION (DIMLINGTON) GREAT BRITAIN
1997	900 lbs flanges & nozzles	INCOLOY 825	NSO "A" DEVELOPMENT PROJECT MOBIL EXPLORATION INDONESIA
1997	Spectacle blinds, spades & spacers.	UNS S31803 Duplex A182 F51	MOSSGAS FA GAS COMPRESSION REPUBLIC OF SOUTH AFRICA
1997	Forged bars, rings, & butt weld fittings	ASTM A182 F91	SUTTON BRIDGE POWER PLANT GREAT BRITAIN
1997	Nozzles with weld-overlaying	SA350 LF2 INCOLOY 825	LPG STORAGE SPHERES for PULAU INDAH LPG BOTTLING PLANT MALAYSIA
1997	Reinforced long welding neck	ASTM A350 LF2.	KCC PROCESS EQUIPMENT LTD
1997	1" to 16" pipe	ASTM A333 Gr.6	MALAYSIAN REFINING CO.
1997	From 1/2" to 36" Fittings & Flanges	WPHY60 & ASTM A694 F60.	TUNU NORTH DEVELOPMENT PROJECT INDONESIA
1998	24" & 30" nozzles	BS 1503 - 225 - 490E LT50	Glycol Contractors REINERTSEN VIGOR A.S.
1998	30" to 36" fittings & flanges	WPHY60 & ASTM A694 F60.	TOTAL INDONESIA - EAST KALIMANTAN INDONESIA
1998	BW & Branch Outlet Fittings, & Flanges	WPHY52 & ASTM A694 F52.	SLUG CATCHERS MALAYSIA
1998	38" 300 LBS nozzles	ASTM A182 F304	LNG TANK TRINIDAD & TOBAGO
1998	48" 900 LBS flanges	ASTM A694 F65 & A182 F304.	PECIKO ONSHORE DEVELOP. PROJECT SENIPAH - EAST KALIMANTAN INDONESIA
1998	Monel elbows & monel cylinders	SB366 WPNCS SB564 UNS N04400	Nuclear Power Application ROLLS-ROYCE MARINE POWER LTD.
1998	18" & 20" NPS hubs and test rings	A182 F55 UNS S32760	TROLL 'C' - NORTH SEA NORWAY
1998	6" 900 lbs RTJ orifice flanges	ASTM A105	TUNU NORTH DEVELOPMENT PROJECT INDONESIA
1998	1/2" / 36" OD pipe	A358 Class 1 Grade 321H	PECIKO ONSHORE DEVELOP. PROJECT SENIPAH - EAST KALIMANTAN INDONESIA
1998	H' type saddle nozzles	A707 Class 3	STATOIL NORWAY
1998	20" NS clamp connectors	ASTM A694 F60	VALVE ASSEMBLY NORWAY
1998	Fittings & flanges	A403 WP321H and A182 F321H	PECIKO ONSHORE DEVELOP. PROJECT SENIPAH - EAST KALIMANTAN INDONESIA
1999	Nozzles for vessel	ASTM A350 LF2	NATIONAL PETROLEUM of ABU DHABI (UAE) U.A.E.
1999	Seamless Shell Barrel, Channel Barrel Special Bolts, Cover Flanges	A182M-95c F22 Class 3	PT. ELNUSA PETRO TEKNIK BALIKPAPAN - INDONESIA

REFERENCE LIST

main projects



Year	Product	Material	Project / Country
1999	Reinforced nozzles	ASTM A350 LF2	ONSHORE GAS DEVELOPMENT - Phase II ABU DHABI NATIONAL OIL COMPANY
1999	Forgings	TITANIUM Gr 2	NEDERLAND
1999	Centre tube flanges	Wst 1.4306 - DIN 17440	NIKHEF NEDERLAND
1999	18" 900 lbs nozzles	BS 1503 - 225 - 490E LT50	FLEXSYS RUBBER CHEMICALS LTD.
1999	8" & 10" Seamless Crosses	ASTM A234 WPB	MOBIL TERMINAL VIETNAM
1998	40" 600 RF WN	ASTM A 350LF2.	SAUDI ARABIA
1999	Reinforced nozzles	ASTM A350 LF2	ONSHORE GAS DVL.P.- Phase II ABU DHABI NATIONAL OIL COMPANY
1999	Heavy WT piping components	Alloy Steels	Santa Rita Combined Cycle Power Station BATANGAS LUZON ISLAND - PHILIPPINES
1999	5D bends	API 5LX gr. 60	Handil Air Injection Pilot Project TOTAL INDONESIE BALIKPAPAN
1999	Heavy Wall Pipe from 1" to 28"	ASTM A106 gr B or A106 gr 60	COGEN NATURAL GAS DEVELOPMENT SINGAPORE
1999	Proof machined forgings	Wst 1.4306 - DIN 17440.	NIKHEF
1999	14 and 24" 1500 "H" type nozzles	BS 1503 - 225 - 490E LT 40	READ PROCESS ENGINEERING LTD U.K.
2000	Studbolts & Nuts	UNS S32760 FLT-SA	NORTH SEA PLATFORM DENMARK
2000	500 tons of piping components	Carbon Steels	WESTERN CANADA
2000	6 metres hollow pipe	BS 1503-622-490E	FERRYBRIDGE POWER STATION GREAT BRITAIN
2000	Reducing Crosses 18" x 10" NPS c/w integral flange	ASTM A694 F52. Fortex's design & calculation	For Mining Development REPUBLIC OF SOUTH AFRICA
2000	Piping Components	Alloy Steels	COGEN NATURAL GAS POWER PLANT JURONG ISLAND - SINGAPORE
2000	passengers boarding bridges.	Structural steel	Ambon & Manado Airports Expansion INDONESIA
2000	60 tons of vessel flanges & nozzles	Low Temperature	KVAERNER PROCESS SYSTEM ALGERIA
2000	Heavy WT piping components	Y60 - Y65 grades	ANOA Offshore Project INDONESIA
2000	160 tons of forged fittings & outlets	Carbon Steel	Distribution in WESTERN CANADA
2000	Large diametre rings and discs	ASTM A182 F51 (Duplex).	AUSTRALIA
2000	Hot tap cryogenic fittings	WP 304H	Nigeria LNG Expansion Project NIGERIA
2000	500 tons of piping components	Carbon & Alloy Steels	Inland distribution of natural gas. JURONG ISLAND - SINGAPORE
2000	900 lbs large flanges	ASTM A182 F347	AUSTRALIA
2000	Heavy wall flanges and stud bolts	Carbon Steel	Total Myanmar Filter Relocation MYANMAR
2000	forgings machined to customer's drawings	A182 F6NM	TRANSNUCLEAIRE Transportation of spent nuclear fuel FRANCE

REFERENCE LIST

main projects



Year	Product	Material	Project / Country
2001	Hollow forgings	BS 1503-660-460	DIDCOTT POWER STATION U.K.
2001	900 & 1500 lbs 'H' type flanges	ASME SA 350 LF2	Allen Process Systems SOUTH PARS IRAN
2001	50 tons of piping components & Wye pieces	Alloy Steels P11 & P22	PANGLIMA CCGT POWER PLANT MALAYSIA
2001	24" heavy nozzle	BS 1503 - 225 - 490E LT50	HALLIBURTON - BROWN & ROOT for and on behalf of BP
2001	20 tons Channel & 7 tons Cover Flanges	ASME SA266 Class 2	KOBE STEEL, LTD. JAPAN
2002	30 tons of fittings & flanges	WPB & WPHY65 A105 & A694 F65	10 WELL CONNECTION INONESIA
2002	150 tons of Piping Components	A403 WP321H and A182 F321H	PECIKO III ONSHORE DEVELOPMENT PROJ. EAST KALIMANTAN - INDONESIA
2002	Large Diametre Swept Nozzles	BS EN 10333-4	STE Facilities Upgrade Project GREAT BRITAIN
2002	8" to 30" SEAMLESS butt weld fittings	A403 WP304	SENOKO POWER PLANT SINGAPORE
2002	4" to 28" 600 & 900 "H" Type Flanged Nozzle	ASME SA 350LF2	KCG for OGGS
2002	50 tons of Piping Components & Wye pieces	Alloy Steels P11, P22 & P91	PHU MY 3 POWER PLANT VIETNAM
2002	2 x 4 tons / each Lifting Covers	ASTM A105	VGO HT LAG Reactors JAPAN
2002	8" to 24" 600 LBS flanges, bolts&nuts	A182 F304 A193 B8M / 8MA	SENOKO POWER PLANT SINGAPORE
2002	3D Pipe Bends	API 5L X65	BELANAK FIELD DEVELOPMENT INDONESIA
2002	2" to 24" 1500 LBS Swept nozzles	ASME SA508 Grade 3 Class 1	SLP for SHELL GOLDENEYE GREAT BRITAIN
2002	28" x 24" SEAMLESS ECC. REDUCERS	SA350 LF2	Pig Traps - Peciko Back up Line Project TOTALFINAELF E&P INDONESIA
2002	25 tons of fittings & flanges	Carbon steels & Duplex S.S.	PECIKO WELL CONNECTION INDONESIA
2002	3D Pipe Bends	API 5L X65	BELANAK FIELD DEVELOPMENT INDONESIA
2002	1 / 2" to 32" vessel nozzles and flanges	SA105N	Final Caustic Wash Tower SAUDI ARABIA
2002	Octagonal RJ Gaskets Bolts & Nuts	Hastelloy C276 & UNS S32760-FLT-SA	Oil Flow Lines TYRA WEST - DANISH SECTOR - NORTH SEA
2003	35 tons of fittings & flanges	Carbon steel	GAS TRANSMISSION & DISTRIBUTION PARALLEL LINES GRISIK - SAKERMAN - INDONESIA
2003	Barred Tees & other piping components	Carbon steel	TUNU NORTH DEVELOPMENT PROJECT INDONESIA
2003	2" to 24" 600 LBS Nozzles & Flanges	A350 LF2 & 1503-224-490B LT 50	BENDALLS ENGINEERING U.K.
2003	Barred Tees & Eccentric Reducers	MSS SP-75 WPHY 65	ANGSI C & E DEVELOPMENTS MALAYSIA
2003	120 Tons of Piping Components	A403 WP321H and A182 F321H	BONGKOT FIELD DVLP. Phase 3 C THAILAND
2003	42° NB Vessel TEE by 2 meters long	A350 LF2 to be weld-overlaid with SS 904L	SAUDI ARAMCO
2003	Octagonal RJ Gaskets Bolts & Nuts	Hastelloy C276 & UNS S32760-FLT-SA	DAN FG FIELD DEVELOPMENT DENMARK

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Year	Product	Material	Project / Country
2003	24" x 14" 600 LBS reducing flanges	ASME SA508 Grade 3 Class 1	KCC
2003	140 Tons of Piping Components	Low Temperature Carbon Steels	OPQL ISDN PHASE II QATAR
2003	Valves, Pipes & Piping Components	Stainless & Low Carbon Steels	OURHOUD PROJECT ALGERIA
2003	140 Tons of Piping Components	Low Temperature Carbon Steels	ERHA FPSO NIGERIA
2003	420 x 160 BORE 600 Eccentric Flanges	ASME SA508 Grade 3 Class 1	SEMBCORP – SIMON CARVES U.K.
2003	2" to 24" 600 LBS Nozzles & Flanges	A350 LF2 & 1503-224-490B LT 50	BENDALLS ENGINEERING U.K.
2003	Extra long reducers to customer's design	SEAMLESS A350 LF2 + NACE	DAN FG FIELD DEVELOPMENT DENMARK
2003	Fittings & Flanges	Carbon steel	TUNU FIELD DEVELOP. PROJECT - PHASE 9 INDONESIA
2003	16° NB 90DEG SHORT RADIUS ELBOWS	A420 WPL6	SAUDI ARAMCO
2003	34" & 36" Pipes & Plates	A240 .& A790 UNS S32750	DAN FG FIELD DEVELOPMENT NORTH SEA
2003	400 TONS of flanges 1/2" to 56" 600 lbs	A105 & A694 F70	56" TRANS-IRANIAN GAS LINE IRAN
2003	SEAMLESS fittings 42" x 65 mm WT	A234 WP22 & WP91 90LR ELBOWS & TEE	POWER PLANT FABRICATION CHINA
2003	FORITEX's design 20" Seamless Bar Tee	MSS SP-75 WPHY65	TUNU FIELD DEVELOP. PROJECT - PHASE 9 INDONESIA
2004	Stud Bolts & Nuts	Super Duplex UNS S32760 FLT-SA	Dan FG Field Development NORTH SEA
2004	1000 kg Forgings	ASME SA182 F347	Project INCA for BP GRANGEMOUTH
2004	40 Tons of Piping Components	MSS SP WPHY 60 & A694 F60	DOHA PETROLEUM CONTRUCTION CO. DOHA
2004	Spectacle Blinds, Spacers & Drip Rings	Carbon steel & Duplex	Dan FG Field Development NORTH SEA
2004	50 tons of forged rings & discs	Duplex & Super duplex	SOUTH PARS IRAN
2004	42" heavy wall elbows & special reducers	ASME SA234 P91 & ASME SA 182 F91	POWER STATION CHINA
2004	40 tons of Flanges & Weldoflanges	ASTM A182 F51	EAST KALIMANTAN INDONESIA
2004	40 Tons of Piping Components	MSS SP WPHY-60 & A694 F60	DOHA PETROLEUM CONTRUCTION CO. DOHA
2004	8 pcs Cylinder Shells 1474 OD x 2410 mm LG	ASME SA266 Class 2	PT PUSRI INDONESIA
2004	42 Tons of finish machined nozzles and forged pipes	ASME SA336M - F22 V	1ST & 2ND STAGE REACTORS BABCO LSOP PROJECT
2004	20 pcs 30" x 65 mm WT 90LR ELBOWS	MSS SP-75 WPHY 60	DOHA PETROLEUM CONTRUCTION CO. DOHA
2004	5 Tons finish machined LIFTING COVER	ASME SA266 Class 2	FLUOR CANADA LTD CANADA
2004	50 Tons of Piping Components	A403 WP321H and A182 F321H	BONGKOT FIELD DVLP. - Phase 3 C THAILAND
2004	Fabricated Special Reducers 26" x 14"	ASME SA516 Gr.70	DAN FG FIELD DEVELOPMENT NORTH SEA

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Year	Product	Material	Project / Country
2004	24 Tons DISC 2910 OD x 400 THICK	ASME SA508 Grade 3 Class 1	ROLLS-ROYCE MARINE OPERATIONS LTD U.K.
2004	Flanges and Nozzles for pressure vessel	ASME SA350 LF2 Class 1	PT. SURYA BESINDO SAKTI INDONESIA
2004	2" to 24" 900 lbs Nozzles for pressure vessel	BS1503-25-490-LT50	WHITELEY READ ENGINEERING LTD U.K.
2004	9 Tons of small size heavy wall fittings	ASTM A860 WPHY 60	ERHA FPSO NIGERIA
2004	5 tons of finish machine Rings & discs	ASTM B564 UNS NO 008811	ROLLS-ROYCE MARINE OPERATIONS LTD U.K.
2004	250 tons of fittings & flanges	Carbon, Low temp & High Yield Steels	W.F.F. (CANADA) LTD CANADA
2005	Design, Supply and Coating c/w FINITE ELEMENT ANALYSIS of 3 tons 18" SYMMETRICAL WYE	ASTM A694 F60	TOWNGAS – SHENZHEN to TAI PO SUBMARINE GAS PIPELINE PROJECT
2005	6.2 Tons finish machined LIFTING COVER	ASME SA336M - F22 Class 3	BABCO LSOP PROJECT
2005	18 tons of finish machined rings & discs	ASME SA182 F91 3.2 IBR	BHARAT HEAVY ELECTRICAL LIMITED INDIA
2005	Forged steel, Butt-weld & Branch fittings	ASTM A350 LF6 Cl.2 & LF2 Cl.1	THIRD TRANSMISSION PIPELINE PROJECT OFFSHORE PLATFORM THAILAND
2005	Flanges	ASTM A182 F304H	BURNERS CONSTRUCTION U.K.
2005	30 tons of Nozzles	ASTM A250 LF2 Cl.1	TUNU FIELD Phase 10 TOTAL INDONESIA
2005	35 Tons of finish machined nozzles and forged pipes	ASME SA336M - F22 V	HYDROGENATION REACTORS
2005	Flanges, gaskets, bolts & nuts	ASTM A694 F60 & A182 F51	TOWNGAS – SHENZHEN to TAI PO SUBMARINE GAS PIPELINE PROJECT
2005	75 tons of piping components	MSS SP-75 WPHY52 ASTM A234 ASTM A403 WP304L	UZGEOBURNEFTEGAZDOBYCHA UZBEKISTAN
2005	SEAMLESS 16" & 42" 45 DEG LATERALS	A234 WP91 & WP22	POWER PLANT FABRICATION
2005	11 tons of Flanges & Flanged outlets	ASTM A105 + A694 F65	KALIMANTAN - INDONESIA
2005	2 tons of API 5000 flanges with INCONEL 625 weld-overlay	ASTM A694 F65 + INCONEL 625	KALIMANTAN - INDONESIA
2005	Nozzles and Necks 2" to 6" 1500 LBS	ASTM A182 F316L	CONOCO-PHILLIPS INDONESIA
2005	Deep-bored pipes 4 to 6 METERS LONG & piping components	BS1503-622-490 E	RATCLIFFE POWER PLANT U.K.
2006	Bolts & Nuts	Super Duplex UNS S32760 FLT-SA	Various projects 2006 Denmark - Qatar
2006	200 tons of proof machined discs and rings	ASTM A 350 LF2	21 Pressure Vessels National Iranian Oil Company IRAN
2006	48 inches Welded Heavy Wall 90°LR Elbows	A234 WPC	POWER PLANT FABRICATION CHINA
2006	11 Tons of Heavy wall welded pipes and butt weld fittings	UNS S 32750	NORTH SEA DENMARK
2006	Heavy Wall flanges 150 lbs to 1500 lbs	ASTM A 182 F5	NORTH SEA DENMARK
2006	300 tons of fittings & flanges	Carbon, Low temp & High Yield Steels	WESTERN CANADA CANADA
2006	INCOLOY 18" 1500 RTJ BLIND with centre hole	ASTM B564 UNS N08825	Water Injection nozzle for BAPCO LSDP PROJECT BAHRAIN

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Year	Product	Material	Project / Country
2006	16" & 28" WYE Pieces	ASME SA182 F 91	KOREA
2006	4 TONS of LONG WN	SA182 F316	INDONESIA
2006	Forged Cylinders for Power Plant	BS 1503 621 460	POWER PLANT U.K.
2006	3 Tons of forgings & Stud Bolts	X10CrMoVn9-1	RATCLIFFE POWER PLANT U.K.
2006	Flanges & Forgings for Pressure Vessels	ASTM A182 F53	TOTAL INDONESIA INDONESIA
2006	8 Tons of butt weld fittings up to 24"	A860 WPHY52	TANGE BIJAR PROJECT IRAN
2007	2 x TUBESHEETS OD 3900 mm 19,750 KG/EACH	ASTM A 350 LF2	Pressure Vessel National Iranian Oil Company IRAN
2007	32" heavy wall Elbows Forged & Finish machined discs	ASTM A 234 WP11	THAILAND
2007	FRONT & REAR TUBESHEET Fully machined & drilled	ASTM A182 F53	INDONESIA
2007	320 Tons of fittings, flanges and other piping components size from 1/4" to 36"	A 403 WP 316/316L & A182 F316/316L	CENTRAL PROCESSING PLATFORM TOPSIDE & JACKET - JDA BLOCK B-17 GAS FIELD Dev. MALAYSIA
2007	6 Hollow Forgings 353 OD x 221 mm ID in lengths up to 6100 mm	11CrMo9-10	RATCLIFFE POWER PLANT U.K.
2007	Heavy Wall Elbows of various angles	11 CrMo910	POWER PLANT U.K.
2007	2 x 26" Insulating Joints + 3 Tons of fittings, branch outlets & gaskets	API 5L X60 A105, F316 & A234 WPB	26° AHVAZ PROJECT IRAN
2007	Weldoflanges & other piping components	ASTM A182 F51	PAKISTAN
2007	Bolts & Nuts	Super Duplex UNS S32760 FLT-SA	Various projects 2007 Denmark - Qatar
2007	18" x 12" Seamless Tee 50.53 mm WT	ASTM A815 S31803	GUNTONG E & TAPIS F platforms TERENGGANU - MALAYSIA
2007	900 LBS Flanges 10.000 API Flanges & Weldoflanges	A694 F52 A182 F51	JGC - DESCOR ENGINEERING - MIANO 11 PAKISTAN
2007	2" to 24" heavy "H" type nozzle for pressure vessels	ASTM A105N	BP Dimlington Refinery U.K.
2007	42" 90DEG ELBOW with 30mm min. WT	ASME SA234 WPC	POWER PLANT FABRICATION CHINA
2007	900 LBS Flanges	A694 F52	FOSTER WHEELER PETROLEUM KADANWARI FIELD DEVELOPMENT PAKISTAN
2007	2 Tons of fittings, flanges & Anchor flanges designed by FORITEX	MSS SP-75 WPHY52 & A694 F52	27 NAR PROJECT IRAN
2007	2" to 24" 600 LBS Nozzles & Flanges	A350 LF2 with special requirements	JACOB'S ENGINEERING HOLLAND
2007	10" Seamless pipes 4" seamless, 6" & 8" welded pipes	A333 Gr.6 A790 UNS S31803	WELLHEAD DEVELOPMENT PROJECT SAWAN 11, 13 & 14 PAKISTAN
2007	Forgings, "H" Type Nozzles & Flanges	A105N & A350 LF2	TOTAL INDONESIA
2007	4 tons of forgings	ASTM A182 F91	INDIA
2007	4 x 8" Insulating Joints + 18 Tons of fittings, flanges & Anchor flange designed by FORITEX	API 5L X52 MSS SP-75 WPHY52 A694 F52	23 & 30 KANGAN PROJECT IRAN
2007	16" & 20" Seamless pipes flanges & fittings Self reinforced nozzles	API 5LX52 WP316L, WPL6, WPHY52 SA 105N	IRAN

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Year	Product	Material	Project / Country
2008	48" & 42" Anchor Flanges designed by FORITEX	A694 F70 & F60	GAZODUC MED-GZ4 48" PHASE III ALGERIA
2008	seamless pipes 8" Sch 80S 180 metres	A790 UNS S31803	WELLHEAD DEVELOPMENT PROJECT SAWAN 11 PAKISTAN
2008	180°SR Return Bends & 90°SR Elbows flanges	A234 WP9 A182 F9	IRAN
2008	24" & 18" Barred Tees designed by FORITEX	MSS P-75 WPHY65 & Y52	CPOC JDA Block-17 DEVELOPMENT Central Production Complex Facilities THAI-MALAYSIA JOINT DEVELOPMENT AREA
2008	8" SEAMLESS 5D & 10D Pipe Bends	ASTM A815 UNS S31803	JGC - DESCON ENGINEERING - SAWAN 14 PAKISTAN
2008	Bolts & Nuts	Super Duplex UNS S32760 FLT-SA	Various projects 2008 DENMARK - QATAR
2008	56 pieces Heavy Wall Elbows of 216 mm ID and 406 mm ID	14MOV6.3	RATCLIFFE POWER PLANT U.K.
2008	14 tons of 1/2" to 24" flanges 300 and 600 LBS	ASTM A105 & A182 F22	ABADAN REFINERY IRAN
2008	280 tons of butt-weld fittings & flanges	Carbon, Low Temp & High Yield Steels	WESTERN CANADA
2008	28" x 24" 53 mm WT x 620 mm LG SEAMLESS concentric reducer	ASTM A234 W22 Cl. 1	SINGAPORE
2008	Heavy Wall welded pipes, BW fittings, flanges and branch outlets	A790 UNS S31803 & ASTM A815 UNS S31803	ZAMZAMA GAS PLANT PAKISTAN
2008	Finish machined nozzles to customer's design	14MOV6.3	RATCLIFFE POWER PLANT U.K.
2008	2" to 24" 600 LBS Nozzles & Flanges	A350 LF2 and additional requirements	UNITED KINGDOM
2008	20 tons of Flanges & Flanged outlets	ASTM A182 F51 ASTM A105	KALIMANTAN INDONESIA
2008	Metallic Gaskets	HASTELOY C276	Various projects DENMARK - QATAR
2009	Complete package of forged steel & butt-weld fittings	ASTM A815 WP-S32760 A403 WP-S31254 A403 WP316L	HALFDAN B PHASE IV Development DENMARK
2009	Drop-forged valve components	C22E	Gas distribution FRANCE
2009	Pipes, fittings, flanges of various sizes and pressure ratings	A403WP316/316L A403WP-S31803 A182 F51, F316L	WELLHEAD DEVELOPMENT PROJECT SAWAN 10 & 15 - PAKISTAN
2009	Complete package of Flanges	ASTM A105 & A350 LF2 A182 F44, F53-55, F316L	HALFDAN B PHASE IV Development DENMARK
2009	Complete package of Stud Bolts & Nuts	Super Duplex UNS S32760 FLT-SA UNS S32760 FG-SA	HALFDAN B PHASE IV Development DENMARK
2009	12 tons of SEAMLESS Lap Joint Stubends	A403 WP-S31254	HALFDAN B PHASE IV Development DENMARK
2009	20 tons of proof machined forged blocks 2800 mm LONG	P355 QH TUV 354/3 ad WO/W10/W13	EXXON-MOBIL production facilities
2009	Stud Bolts & Nuts	Super Duplex UNS S32760 FLT-SA	Various projects 2009 DENMARK - QATAR
2009	Butt-weld fittings, flanges weld-flanges and branch outlets gaskets	A403WP316/316L A403WP-S31803 A182 F51, F316L	LATIF-2 PROJECT PAKISTAN
2009	Complete package of Drip Rings	ASTM A350 LF2 A182 F44, F316L	HALFDAN B PHASE IV Development DENMARK
2009	Flanges	SA182 F304L & SA105	IRAN
2009	Pipes, fittings, flanges, bolts, nuts, oval and spiral wound gaskets	WPB, A105, A193/194 SOFT IRON	GAZODUC MED-GZ4 48" PHASE III ALGERIA

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Year	Product	Material	Project / Country
2009	Super Duplex Stud Bolts & Nuts	UNS S32760 FLT-SA	HALFDAN B PHASE IV Development DENMARK
2009	2" to 24" Self Reinforced nozzles	ASME SA350 LF2	NIGERIA
2009	Critical Flow Nozzle	ASME SA304H	UNITED KINGDOM
2010	Forged Elbows for power plant	EN10222-2 14MoV6.3	FEERYBRIDGE POWER STATION UK
2010	20 tons of Flanges	A182 F51 UNS S31803	BHP Petroleum (Pakistan) PTY LTD PAKISTAN
2010	Forged Rings for Pig Launchers and Receivers	A694 F52 A182 F51 UNS S31803	SNAM RETE GAS ITALY
2010	Bonnet and Nozzle forgings for High Pressure Boiler	ASME SA182 F91	BHARAT HEAVY ELECTRICALS Ltd. INDIA
2010	Finish machined pipes and nozzles for power plant boiler	EN10222-2 13CrMo4-5	ALSTOM c/o Boilers Factory SEFAKO S.A POLAND
2010	Fittings, Flanges and Pipes	A333 Grade 6 - A106-B A234 WPB - A105	BHP Petroleum (Pakistan) PTY LTD DEBOTTLENECKING PROJECT
2010	Hollow Forgings	ASTM A182 F22	Nuclear civil application UK
2010	Stud Bolts & Nuts	A193 Grade B8/B8M/B8T A194 Grade 6/8/8M/8T	SHIRAZ REFINERY IRAN
2010	40 Tons of finish machined Tubesheets & Shell Flanges	ASME B564 Gr.1 Ed.06a UNS N06625	CASTOR UGS DEVELOPMENT SPAIN
2010	Design, Fabrication and Coating of J-TUBE BELLMOUTHS	A694 F52	KIPPER TUNA RISE ACCES TOWER AUSTRALIA
2010	Fittings, Flanges and Pipes	A403WP316/316L A403WP-S31803 A182 F51, F316L	ZAMZAMA FRONT END COMPRESSION PROJECT PAKISTAN
2010	SUPER DUPLEX Stud Bolts & Nuts and Gaskets	UNS S32760 FLT-SA INCONEL 625	Various projects 2010 DENMARK - QATAR
2010	Duplex and Cupronickel Forged Steel and Butt weld Fittings	ASTM A815 UNS S31803 EN 12449 CW352H Cu-Ni	KALIMANTAN INDONESIA
2010	Socket-weld Forged Steel Fittings & Branch Fittings	TITANIUM ASTM B381 Grade F-2 & INCOLOY ASTM B564 UNS N08825	4th NGL Project U.A.E.
2010	Design, Fabrication and Coating c/w FINITE ELEMENT ANALYSIS of 16" SYMMETRICAL PIGGABLE WYE with design verification by DNV	ASTM A105N	STX OFFSHORE & SHIPBUILDING CO LTD Korea External Turret Mooring System - CHINA
2010	Duplex Pipes and Flanges	ASME SA790 UNS S31803 ASME SA 182 F51	PETROLEUM DEVELOPMENT OMAN AIR COOLED HEAT EXCHANGERS
2010	Monolithic Insulation Joint	A694 F52 / API5L X52	SEBICORP GAS PTE LTD ORF Modification for GSA-2 Project
2011	24" 90°LR ELBOWS x 60 mm WT	ASTM A403 WP 321 - S Seamless	HYDROCRACKER PACKAGE YANBU EXPORT REFINERY - SAUDI ARABIA
2011	Driving Heads for wind mills	ASTM A694 F52	4GW Hornsea offshore wind farm off the Yorkshire coast - UNITED KINGDOM
2011	Flanges	Incoly 825 - UNS N08825	Gas Sweetening Facilities SRU project
2011	28 tons of Drop-forged valve bodies	EN10222-2 P245 GH+N	Gas distribution FRANCE
2011	40 tons Bonnet and Nozzle forgings for High Pressure Boiler	ASTM A182 F91	POWER PLANT INDIA
2011	Flanges, neck forgings and fittings	Incoly 825 - UNS N08825	SCOT & BUGIS PROJECT SHELL Eastern Petroleum, Pulau Bukom, SINGAPORE
2011	Girth and Blind Vessel Flanges	ASTM A182 F51 - DUPLEX NORSOK Standard	AKER PROCESS SYSTEMS AS NORWAY

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Year	Product	Material	Project / Country
2011	Finish machined & drilled Tubesheets Nozzles - 36" and 60" WN & BLIND	ASME SA182 F316L	PERTAMINA INDONESIA
2011	Customised 24" and 28" WN flanges for J Transition Pieces	ASTM A694 F52	OIL STATES for E.ON RUHRGAS - HUNTINGTON FIELD - UK
2011	HP Steam Strainer Body	EN 10222-2 Grade 14MoV6-3	LOY YANG POWER STATION AUSTRALIA
2011	Nozzles, Long WN and Flanges	A350 LF2	HEAT EXCHANGER IRELAND
2011	12 & 14" 90°LR ELBOWS x 40 / 42 mm WT	ASME SA182M F347 Seamless	HDT REACTOR SK LUBRIFICANTS CO. LTD. - KOREA
2011	Customs design Elliptical subsea flanges	ASME SA182 F51 UNS S31803	U.S. NAVY Submarine Application
2011	Design and Fabrication of 26" SWIVEL, WN & HANGER FLANGES	ASTM A694 F65	BIEN DONG 1 PROJECT VIETNAM
2011	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 26" SYMMETRICAL PIGGABLE WYE	ASTM A694 F65	BIEN DONG 1 PROJECT VIETNAM
2011	100 Tons of finish machined nozzles	ASME SA336M - SA182M GRADE F22V	REACTORS & SEPARATORS TUPRA IZMIT REFINERY TURKEY
2012	Seamless Barred Tees with EN10204 - 3.2 certificates	A860 WPHY65	HST FULL FIELD AND HSD EARLY PRODUCTION SYSTEM DEVELOP. PROJECT VIETNAM
2012	Long WN Flanges	ASME SA182 F44 - F316L & SA350 LF2 Cl.1	SHAYBAH NGL PROJECT - SAUDI ARAMCO AIR COOLED HEAT EXCHANGERS
2012	30 tons of rough machined forgings	EN 10222-2 Grade 14MoV6-3 N&T	Yallourn Power Station AUSTRALIA
2012	Lap Joint STUB ENDS	A403 UNS S31254	Various projects 2012 DENMARK
2012	SS Flanges	ASME SA182 F316L	WASIT GAS PROJECT - SAUDI ARAMCO AIR COOLED HEAT EXCHANGERS
2012	Nozzles, Long WN & Cover flanges for HEAT EXCHANGERS	ASTM A765 Grade II & SA350 LF2 Cl.1	The Shell Petroleum Development Company of Nigeria Limited OBEN GAS PLANT NIGERIA
2012	Proof Machined Forgings	AISI 4140	THE JAPAN STEEL WORKS LTD YOKOHAMA PLANT - JAPAN
2012	Hemispherical Heads, Nozzles, Long WN & Flanges	ASME SA366 F22 & F5 + SS347 Weld Overlay	PERTAMINA DUMAI REFINERY 5 Units Combined Feed Exchanger - INDONESIA
2012	Pig Launchers & Receivers 22"x 18" 600# / 32" x 28" 1500#	ASTM A694 F65 Seamless	ZAUTIKA DEVELOPMENT PROJECT MYANMAR
2012	Monel elbows	SB564 UNS N04400 Monel	Nuclear Power Application ROLLS-ROYCE MARINE POWER OPERATIONS
2013	48" & 52" Heavy Wall TEES & ELBOWS total supply 300 tons	MSS SP-75 WPHY60 MSS SP-75 WPHY65	SLUG CATCHERS Pakistan
2013	VALVES BODY FORGINGS	ASME SA182 F53 SUPER DUPLEX	API 6A/ ISO 10423 PSL 1-3 pressure equipment USA
2013	Pipe, Fittings & Flanges	CS, SS, Duplex	Various projects LATIF- SAWAN - KANDANWARI PAKISTAN
2013	28 tons of Drop-forged valve bodies	EN10222-2 P245 GH+N	Gas distribution FRANCE
2013	Girth Flange + Flanges	MONEL 400	WESTERN AUSTRALIA
2013	Flanges & Pipes	Incoloy 825 & Duplex	Various Projects AIR COOLED HEAT EXCHANGERS
2013	SPECIAL FITTINGS	MODIFIED F304L	UK Royal Navy BAE SYSTEMS
2013	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 26 INCH Anchor + WN + Blind Flanges	A694 F70	SASOL ROMPCO Loop Line Expansion Project MOZAMBIQUE

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Year	Product	Material	Project / Country
2013	Lap Joint STUB ENDS	A403 UNS S31254	Various projects 2013 DENMARK
2013	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of SWEPT BRANCH OULET FITTING	ASTM A182 F321 & ASTM A105	Various projects EGYPT
2013	26 INCH Barred Tee & Fittings	MSS SP-75 Grade WPHY-70	SASOL ROMPCO Loop Line Expansion Project MOZAMBIQUE
2013	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 12 INCH x 10 INCH ASYMMETRICAL PIGGABLE WYE	ASTM A182 F51 DUPLEX	HUSKY ENERGY South White Rose Extension Project CANADA
2014	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 20 INCH and 42 INCH WELDED Y-TEE	ASTM A358 TP304/304L	PUSRI 2B AMMONIA UREA PROJECT INDONESIA
2014	VALVES BODY FORGINGS	ASME SA182 F53 SUPER DUPLEX	NATIONAL OILWELL VARCO API 6A/ ISO 10423 PSL 1-3 pressure equipment USA
2014	FITTINGS, FLANGES HOLLOW FORGINGS & PIPES	ASME SA182 F317L / F321 ASME SA312 TP 321 ASME SA403 WP-S-317 / 317L	HEAT EXCHANGERS CANADA
2014	Finish machined pipes and nozzles for power plant	EN 10222-2 11CrMo9-10	COTTAM POWER STATION UK
2014	24" NPS Sch 60 (24.61 mm AWT) SEAMLESS PIPE	A358 UNS S31254 254SMO® 6moly, 6MO	NORTH SEA DENMARK
2014	MONOLITHIC INSULATING JOINTS	A694 F52 API 5L X52	LPG TERMINAL & BOTTLING PLANT BANGLADESH
2014	Fabrication of PIPESPOOLS c/w HYDROSTATIC testing	ASTM A350 LF2 & LF6	Thai Binh Gas Field Development Project VIETNAM
2014	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 6 INCH and 24 INCH TRANSITION JOINTS	ASTM A182 F304H + ASTM B564 UNS N08800 + ASTM A182 F11/F91	PUSRI 2B AMMONIA UREA PROJECT INDONESIA
2014	MONOLITHIC INSULATING JOINTS	A694 F60 API 5L X60 PSL2	VIETSOPETRO - PETROVIETNAM mod. at WHITE TIGER FIELD TO RECEIVE GAS FROM THIEN UNG, DAI HUNG FIELDS
2014	Design and Fabrication of SWIVEL & BALL / MISALIGNMENT FLANGES	ASTM A694 F52 ASTM A694 F60	GULF OF MEXICO
2014	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 20 INCH ASYMMETRICAL PIGGABLE WYE	ASTM A350 LF2 Cl.1 plus welding of PUP PIECES of material grade L360MB	STUBLACH GAS STORAGE FACILITY UK
2014	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 16 INCH ASYMMETRICAL PIGGABLE WYE and WN, SWIVEL, BALL / MISALIGNMENT & HOT TAPABLE FLANGES and supply of HOT INDUCTION BENDS	WYE: ASTM A694 F60 FLANGES: ASTM A694 F60 + Inconel 625 W/O of RJ BENDS: API X60 PSL2	PETROVIETNAM DAI HUNG GAS GATHERING PROJECT VIETNAM
2014	Bolts & Nuts	Super Duplex UNS S32760 FLT-SA	Various projects 2014 DENMARK - QATAR
2015	80 Tons of finish machined nozzles	ASME SA336M - SA182M GRADE F22V	REACTORS & SEPARATORS STAR RAFINERI A.S. - TURKEY
2015	WN & BLIND Flanges 1500#	Incoloy 825	PETROFAC CLEAN FUEL PROJECT
2015	20 inch BW FITTINGS	ASTM A860 WPHY52 & 60	HEBRON OFFSHORE PROJECT CANADA
2015	WN, BLIND & LWN Flanges	ASME SB462 N08367 ASME SB564 N08825 ASME SA182 F60	SAUDI ARAMCO JAZAN REFINERY & TERMINAL PROJECT
2015	Forged Barrels, Nozzles and Special Eccentric Reducers	ASTM A350 LF2 Cl.1	TOTAL EGINA FPSO NIGERIA
2015	Design and Fabrication of 26 inch 1500# WN, Spade & Spacer and Barred Tee	ASTM A694 F65 / A860 WPHY65 + Inconel 625 W/O of RJ	BK-TNG WELLHEAD PLATFORM VIETNAM
2015	36 x26 inch SEAMLESS BARRED TEE	MSS SP-75 WPHY65 Q+T	PDVSA - CAMPO DRAGON VENEZUELA
2015	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 5 and 6 inch ASYMMETRICAL PIGGABLE WYE	ASTM A694 F65	PT FREEPORT INDONESIA Grasberg minerals district INDONESIA
2015	Procurement and Fabrication of 24 INCH 900# TEMPORARY PIPE SPOOL	ASTM A694 F65	SHELL Amberjack Pipeline GULF OF MEXICO

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Year	Product	Material	Project / Country
2016	Finish machined Nozzles for Pressure Vessels	ASME SA182 F1 ASME SA350 LF2	PRESSURE VESSEL SPAIN
2016	Vessel Flanges	TITANIUM ASME SB381 Grade F2	PRESSURE VESSEL INDONESIA
2016	20 & 28" Forged Tee, Cap and Elbow	ASME SA366 F22	HEAT EXCHANGER SPAIN
2016	Design and Fabrication of 16 INCH BALL / MISALIGNMENT FLANGES and accessories	ASTM A694 F65 + Inconel 625 W/O of RJ	PETROVIETNAM GAS CORPORATION J.S.C SSIV SKID IN BACH HO FIELD VIETNAM
2016	50 Tons of Forged Half Cones	EN 10028-2 P265GH	SIEMENS POWER PLANT
2016	Design and Fabrication c/w FINITE ELEMENT ANALYSIS 26" Riser Hang-off Flanges and test ring	ASTM A694 F65	BPTT Angelin Project TRINIDAD & TOBAGO
2016 & 2017	Complete package of Stud Bolts & Nuts (120 tons)	Super Duplex ASTM A276 UNS S32760 FLT ASTM A276 UNS S32760 FG Alloy ASTM B446 (UNS N06625) Carbon Steel A320 GRL7/ A194/7L	CULZEAN FIELD DEVELOPMENT PROJECT Maersk Oil North Sea UK Limited UK
2017	HOLLOW FORGING for Power Plant	ASTM A105N / SA266 Gr.2	MILLMERRN POWER STATION AUSTRALIA
2017	Design and Calculation of 12" & 36" ANCHOR Flanges	ASTM A694 F60 & F70	TAQA Atrush BV Atrush Pipeline Export System IRAQ
2017	10" & 12" PIPE WELDED	A928 Cl.1 UNS S31803 DUPLEX	SOUTH WEST MIANO BLOCK PAKISTAN
2017	12" & 18" ELBOWS 90° LONG RADIUS with 200 mm TANGENTS	EN10222-2 Grade 14MoV6-3	YALLOURN W POWER PLANT AUSTRALIA
2017	26" BARRED TEE including Hydrostatic Test	ASTM A860 WPHY65	BPTT Angelin Project TRINIDAD & TOBAGO
2017	Design and Fabrication of 72" & 90" OD SWEPT OUTLET BRANCHES	ASTM A182 F321H	Saudi Polyolefins Company KINGDOM OF SAUDI ARABIA
2017	High Pressure Autoclaves Body and Covers Cat. IV as per DESP and fabricated according to CODAP 2015	ASME SA 564 Gr 630 type 1150	TOP INDUSTRIE SAS FRANCE
2017	Design and Fabrication of 36, 28 & 16 INCH Lateral Tees, Swept outlets, Bends & Reducers	ASTM A182 F304 AISI 304	JSC Yamal LNG Liquefied Natural Gas Plant South Tambey Field RUSSIA
2017	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 20 INCH ASYMMETRICAL PIGGABLE WYE	ASTM A350 LF2 Cl.1 plus welding of PUP PIECES of material grade L360MB	STUBLACH GAS STORAGE FACILITY PHASE 2 Project UK
2017	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 8, 12 & 16 INCH WN, SWIVEL, BALL / MISALIGNMENT FLANGES	ASTM A694 F60	VIETSOPETRO AT CA TAM OIL FIELD VIETNAM
2018	Design and Fabrication of ANCHOR Flanges & Supply of Barred Tees, Bends, BW Fittings, Flanges, Bolts & Nuts	MSS SP-75 WPHY-60 / 65 ASTM A815 Gr. UNS S31803 ASTM A694 F60 / 65 ASTM A182 F51	SONATRACH - FCP (OC) Block 405b Central Area Field Complex (CAFC) facilities ALGERIA
2018	2" & 14" 1500 WN, Blind Flanges & Test Rings	ASTM A694 F52 / F65 with Inconel 625 Weld Overlay & NORSOK M501 system 7C coating	Tulip Oil Netherlands BV flanges for a 43 km 14" gas pipeline with 2" Methanol injection line for Q10 - P15 gas field NEDERLAND
2018	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 2, 10, 12, 20 & 26 INCH of WN, BLIND & SWIVEL FLANGES	ASTM A694 F65 with Multi-Purpose Polyamide Epoxy coating	Terang Sirasun Batur (TSB) offshore gas fields in the Bali Sea INDONESIA
2018	Design & Supply of 20 x 10 INCH FORGED CONICAL SHAPE REDUCERS	ASTM A350 LF2 Cl.1	STUBLACH GAS STORAGE FACILITY PHASE 2 Project UK

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Year	Product	Material	Project / Country
2018	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 20 INCH ASYMMETRICAL PIGGABLE WYE and Assembly of Pipe Pus and Flanges HYDROTESTED	ASTM A694 F65 SOUR SERVICE	PEMEX CONSTRUCTION OF TWO SUBSEA PIPELINES OF 20" Ø IN THE XANAB FIELD, IN THE PROBE OF CAMPECHE - GULF OF MEXICO
2018	36" & 44" ELBOWs & TEEs with welded pup piece	ASME SA234 WP11 Cl.2	POWER PLANT Czech Republic
2019	Design and Fabrication c/w FINITE ELEMENT ANALYSIS (design life condition) of Y TEES FILLER FLANGES REDUCERS	ASTM A403 WP304H-WX or S A182-F304H A350 LF2 CL1	Inter Pipeline Propylene Ltd. Heartland Petrochemical Complex Propane Dehydrogenation (PDH) Facility (engineering by FLUOR) Strathcona, Alberta, CANADA
2019	Design and Fabrication of 12 NCH BALL / MISALIGNMENT FLANGE	ASTM A694 F65 + Inconel 625 W/O of RJ and Epoxy coating	VIETSOPEIRO AT CA TAM OIL FIELD VIETNAM
2019	Supply of finish machined forged nozzles	Grade P265GH & Grade 1.4306 (AISI 304L)	Hinckley Point C Nuclear Power Plant UK
2019	TRANSITION JOINTS, SWIVEL FLANGES & CUSHION TEE	ASTM A694 F65	NOBLE ENERGY Tamar Southwest Project Levantine basin of the Eastern Mediterranean Sea
2019	Seamless and Integral FORGED TEEs & CAP	ASME SA336 F91	Power Plant UK
2019	FORGED SHELL BARREL FOR PIG LAUNCHER & RECEIVER	ASME SA350 LF6 Cl.2	Karachaganak Project KPO Field Production and Processing Facilities, Infield and Export Pipelines KAZAKHSTAN
2019- 2020	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of ANCHOR FANGES, BW BRANCH OUTLETS and ELBOWS	ASTM A694 F65 ASTM A182 F53	ENI MERAKES PROJECT DEVELOPMENT – EPCI 4 INDONESIA
2019- 2020	MANIFOLD BLOCKS fully machined & RETURN BENDS	ASTM A694 F70 ASTM A860 WPHY70	TRENDSETTER ENGINEERING, INC. USA
2020	Design and Fabrication of FLOW TEE, 36" X 36" X 20"	Tee MSS SP-75 WPHY60 Ring flanges to ASTM A694 F60 Internal Pipe P460NH	PEMEX Akal J4 GULF OF MEXICO
2020	Design and Fabrication of 32 inch 1500# WN & BLIND Flanges according to NORSOK L-005 with design verification by Bureau Veritas	ASTM A694 F70	ENERGINET Baltic Gas Pipeline Nybro Gas Processing Plant DENMARK
2020	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 6 inch ASYMMETRICAL PIGGABLE WYE	ASTM A694 F52	OMV (Tunesien) Production GmbH NAWARA Development Project TUNISIA
2020	DN750 x DN750 BARRED TEEs	MSS SP-75 WPHY65	Pluto NWS Interconnector Pipeline WESTERN AUSTRALIA
2020	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 30 inch ASYMMETRICAL PIGGABLE WYE, BARRED TEEs and PIPES	ASTM A420 WPL6 API 5L Gr. X52N PSL-2	PERENCO UK LIMITED SHARP PROJECT – JACK UP RIG PROCESS MODULES NORTH SEA
2020	Supply of finish machined flanges	S355JR (EN 10025-2) P355 GH (EN 10028-2)	GENERAL ELECTRIC Hinkley Point C Nuclear Power Station UK
2020	Supply of BW Fittings and Flanges	ASTM A860 WPHY65 & ASTM A694 F65	PETROBRAS YINSON BORONIA PRODUCTION B.V. FPSO ANNA NERY PROJECT MARLIM FIELDS DEVELOPMENT PROJECT BRASIL
2020	Supply of BW Fittings and Flanges up to 40 inch	ASTM A420 WPL6 ASTM A860 WPHY60 ASTM A350 LF2 ASTM A694 F60	ENERGINET Baltic Gas Pipeline Landline & Nybro Gas Processing Plant DENMARK
2020- 2021	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 6 inch ASYMMETRICAL PIGGABLE WYE's and Assembly of Pipe Pus and Flanges HYDROTESTED	ASTM A350 LF2 CL1 ASTM A333 Gr.6	Total E&P DUNGA FIELD Gathering System KAZAKHSTAN
2021	VALVE BODY	A890-A995 Gr. 6A SYPER DUPLEX CASTING in accordance to NORSOK MDS D56	Murrin Murrin Nickel Refinery Kalgoorlie WA ASUTRALIA
2021	Supply of WELDED, SEAMLESS pipes and SPACER	<> ASTM B705 CL.2 Gr. 1 INCONEL 625 <> ASTM A672 C65 Cl.42 <> ASTM B619 Cl.2 + B622 + B564 HASTELLOY C276	SATORP Saudi Aramco Total Refining and Petrochemical Co. KINGDOM OF SAUDI ARABIA

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Year	Product	Material	Project / Country
2021	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of Flanged integrally reinforced contoured insert type branch connections, design review and product certification by DNV Maritime division	ASTM A350 LF2 & ASTM B564 UNS N06625 (ANNEALED)	PETROBRAS YINSON BORONIA PRODUCTION B.V. FPSO ANNA NERY PROJECT MARLIM FIELDS DEVELOPMENT PROJECT BRASIL
2021	Supply of fully machined & drilled TUBESHEETS	ASME SA182 F316L & ASME SA182 F51	PERTAMINA BALONGAN INDONESIA
2021	Design and Fabrication c/w FINITE ELEMENT ANALYSIS of 26 inch 1500# WN & SWIVEL Flanges to NORSOK L-005 (Compact flange type)	ASTM A694 F65 + Inconel 625 W/O of RJ and Epoxy coating	BOTAŞ Kuzey Marmara Underground Gas Storage Expansion (Phase III) Project TURKEY
2021	Design and Fabrication of 6 inch 900# & 2500# SWIVEL & MISALIGNMENT FLANGES HYDROTESTED	ASTM A694 F60 + Epoxy coating	VIETSO PETRO OIL FIELD VIETNAM
2021	Monolithic Isolation Joints	ASTM A694 Gr. F52 + PI 5L Gr. X52 PSL-2	DNO Iraq AS Peshkibir and Tawke oil fields and Fishkhabour oil terminal IRAQ (Kurdistan region)
2021- 2022	Supply of 100 TONS of structural pipes for platform construction	EN 10225 Gr. S355 MLO & S420 MLO	TotalEnergies TYRA GAS FIELD DENMARK
2022	Design and Fabrication c/w FINITE ELEMENT ANALYSIS 28" x 20" BARRED TEE and TEST RINGS	ASTM A860 WPHY70	Waitsia Backflow - Loop 1 Extension AUSTRALIA
2022	3.5 tons of 150 mm OD ROUND BAR	AMS 5660 Alloy 901	Muja Power Station Western AUSTRALIA

Welded & Seamless pipes
 Hollow forged pipes
 Deep-bored pipes
 Pipe spools
 Manifolds
 Forgings
 Flanges
 Lap Joint Stubends
 Vessel flanges
 Contoured nozzles
 Long WN
 Tubesheets
 Swivel, Anchor, Hanger,
 Misalignment & Hot Tap flanges
 AWWA flanges
 Packing & Gaskets
 Pipe Spools

Buttweld fittings
 Pipe bends
 Pigable fittings
 Sphere & Flow tees
 Barred tees
 Pigable WYE & Lateral tees
 Buckle Arrestor & J-Lay Collar
 Power plant fittings
 Screwed & Socket-weld fittings
 Branch outlet fittings
 Ring-joint gaskets
 Bolts & Nuts
 Special fasteners & Stud-bolts
 Patented Quick Opening Closures
 Monolithic insulating Joints
 Weld-overlaying of flanges,
 nozzles & fittings

quality and service for business



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