



PROFILE

COMPANY - PRODUCTS - SERVICES

POWERGEN



ON-OFFSHORE



PETRO-CHEMICAL



DESALINATION



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1. THE COMPANY

For over 25 years, the Dutch company Stainalloy has been and continues to be a service company that manages the procurement cycle of high quality materials for companies in various market segments around the globe.

Our aim is to deliver our clients highly customized service with a one-stop purchase philosophy.

Stainalloy distributes its piping products worldwide to the offshore, (petro)-chemical, oil (refinery), gas and power plant industry.

Our Scope of Supply: project management, stockholding and distribution of titanium, (super)-duplex, stainless, low and high nickel alloy steel pipes, fittings, flanges and forgings.

We focus on providing high quality products and reliable services by maintaining a close and professional relationship with our clients. Our clients' satisfaction has always been and will remain our first priority.



2. GENERAL INFORMATION

Company Name : Stainalloy Nederland B.V.

Address : Sportlaan 151
3364 DK Sliedrecht
The Netherlands

Telephone : +31 184 410199

Telefax : +31 184 412072

Email : sales@stainalloy.com

Website : www.stainalloy.com

Date established : 1984

Location : Stainalloy is located on the industrial estate "Noord-Oost Kwadrant" in Sliedrecht , parallel to the motorway A15 (Rotterdam - Gorinchem)

Nearest seaports : Rotterdam : 30 km
: Antwerp : 80 km

Nearest airports : Rotterdam : 25 km
: Amsterdam: 80 km

Facilities : Offices : 900 square meters
: Warehouse: 5000 square meters



3. PRODUCTS & MATERIALS

PRODUCTS -Pipes seamless and welded
 -Fittings seamless and welded
 -Flanges/Forged Fittings

Titanium

ASTM B265/B861-2/B862-2/B363-WPT2

ASTM B265/B861-7/B862-7/B363-WPT7

(Super) Duplex Ferritic-Austenitic

ASTM A182/A790/A815/A928 Gr. F51-UNS S31803

ASTM A182/A790/A815/A928 Gr. F53-UNS S32750

ASTM A182/A790/A815 Gr. F55-UNS S32760-Zeron 100®

Coppernickel Alloy CuNi 90/10

Emua 144/145/146 UNS C70600/7060X

Nickel Alloys

ASTM B127/B164/B165/ B366/B564 Alloy 400

ASTM B166/B167/B168/B366/B564 Alloy 600

ASTM B366/B443/B444/B446/B564/B705 Alloy 625

ASTM B366/B407/B409/B408/B564 Alloy 800 H-HT

ASTM B366/B423/B424/B425/B564/B705 Alloy 825

ASTM B333/B335/B366/B564/B619/B622 Alloy C276-Alloy B2

ASTM B366/B462/B463/B468/B729 Alloy 8020

Austenitic Steel

ASTM A182/A312/A358/A403 - 304 (L-H)

ASTM A182/A312/A358/A403 - 310 (S)

ASTM A182/A312/A358/A403 - 316 (L-Ti)

ASTM A182/A312/A358/A403 - 317 (L)

ASTM A182/A312/A358/A403 - 321 (H)

ASTM A182/A312/A358/A403 - 347 (H)

ASTM A182/A312/A358/A403 - F44-UNS 31254

Low Alloys

ASTM A182/A234/A335/A691 P(F)1

ASTM A182/A234/A335/A691 P(F)5

ASTM A182/A234/A335/A691 P(F)9

ASTM A182/A234/A335/A691 P(F)11

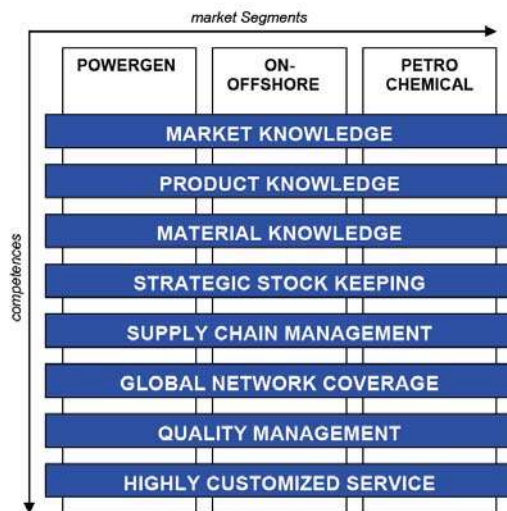
ASTM A182/A234/A335/A691 P(F)22

ASTM A182/A234/A335/A691 P(F)23

ASTM A182/A234/A335/A691 P(F)91

4. PROJECT BASED PROCUREMENT MANAGEMENT

Operating worldwide, Stainalloy is a service company that manages the procurement cycle of high quality materials for companies in various market segments. Our focus is to deliver our clients highly customized service with a one-stop purchase philosophy. Our clients benefit from reducing their transaction costs significantly, the security of highly competitive prices due to combined purchasing power, and a constant level of service.



Transactions costs are all costs that occur within a company related to the procurement cycle. Time and costs needed to maintain a global network and constant investment in updating required product and material knowledge in your organization are both factors that increase transaction costs. Transaction costs in a broader sense arise from information asymmetry between two actors regarding the rules of the game in their market. In other words, the bigger the information gap between two market

players the greater the costs to establish a solid and paying contract.

Our clients need to focus on their core business. They are therefore unable to reduce their transaction costs because they neither have sufficient purchasing power, the apparatus to constantly update their market knowledge, nor do they benefit from strategic stock keeping.

That exactly is our core business.

In markets people interact. Our people are the strength of our organization. Because of this philosophy, we attract employees that are able to communicate and manage cross-culturally. Additionally, we train our people to be specialized in our market, product and material knowledge in order to optimize our services to our clients. By forming special project teams we can assure highly customized service to our customers that is transparent, accurate and timely.

Competitiveness and professionalism are keywords in our organization. We are able to offer our clients an increased service level and minimize overall purchasing costs by establishing and maintaining long term cooperation instead of short term sub-optimization. We therefore consider ourselves to be specialists in our market.

Stock



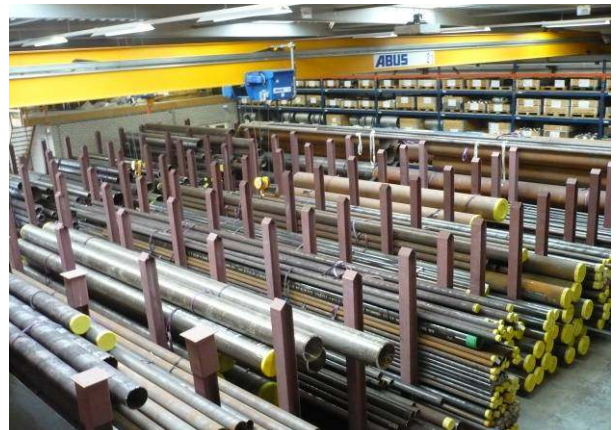
Pipe



Pipe



Overview Stainless, (Super)Duplex, Ni-alloys



Overview Low-alloys



Flanges



Fittings



Plates



Pipe

Services



In-house PMI Measurements



In-house Ferrite Measurements



In-house US analysis



In-house Spectro analysis



Cutting up to 24"



Inspection



In-house LDP Facilities – Level 2



Container Handling

5. STOCK

Stainalloy holds strategic stocks in the majority of the products and steel grades, as set out in paragraph 3, with original test certificates according EN 10204-3.1 or 3.2 (DIN 50049/3.1.B or 3.1.C).

6. INSPECTION/EXPEDITING

On our client's request, Stainalloy can carry out additional tests in order to meet the client's specification and/or to upgrade the material to EN 10204-3.2, witnessed by any third party inspection authority. For complete projects, a task force team will be formed. Our staff is well-experienced in technical matters and progress control.

7. DRAWINGS/STRENGTH CALCULATIONS

Stainalloy has fully computerized in-house facilities to produce dimensional drawings and related strength calculations for pipes, fittings and branch fittings.

The calculations are subject to the client's design conditions such as temperature, pressure and corrosion allowance.

8. QUALITY ASSURANCE

Stainalloy is ISO 9001 : 2008 approved by Bureau Veritas and the quality program is continually subject to review and audit by this independent authority. The qualified Q.A. manager assures the highest level of contract management and product control in compliance with the requirements of Stainalloy's quality manual.

As certification is essential for our products, each item is supplied with complete mill test certificates. As far as required, dimensional drawings plus associated calculations are subject to inspection and will be attached to the applicable certificate. Stainalloy also has in-house qualified personnel to carry out LDP/level II surface examinations in accordance with the applicable standard.

9. ISO 9001:2008 CERTIFICATION

BUREAU VERITAS



Certification

Awarded to

Stainalloy Nederland B.V.

Sportlaan 151, 3364 DK SLIEDRECHT, The Netherlands

Bureau Veritas Certification certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

STANDARD

ISO 9001:2008

SCOPE OF SUPPLY

Project management, stock holding, fabrication and distributor of titanium, (super) duplex, stainless, copper and copper-nickel alloy, low and high nickel alloy steel, pipes, flanges, forgings and valves and other related steel products, machining, cutting and remarking of materials, including technical consultancy.

Original Approval Date: **19 December 1994**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **28 February 2016**

To check the validity of this certificate please call +31 (088) 450 55 00

Further clarification regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

Certificate Number: **NL010632-1**

Date: **28 February 2013**

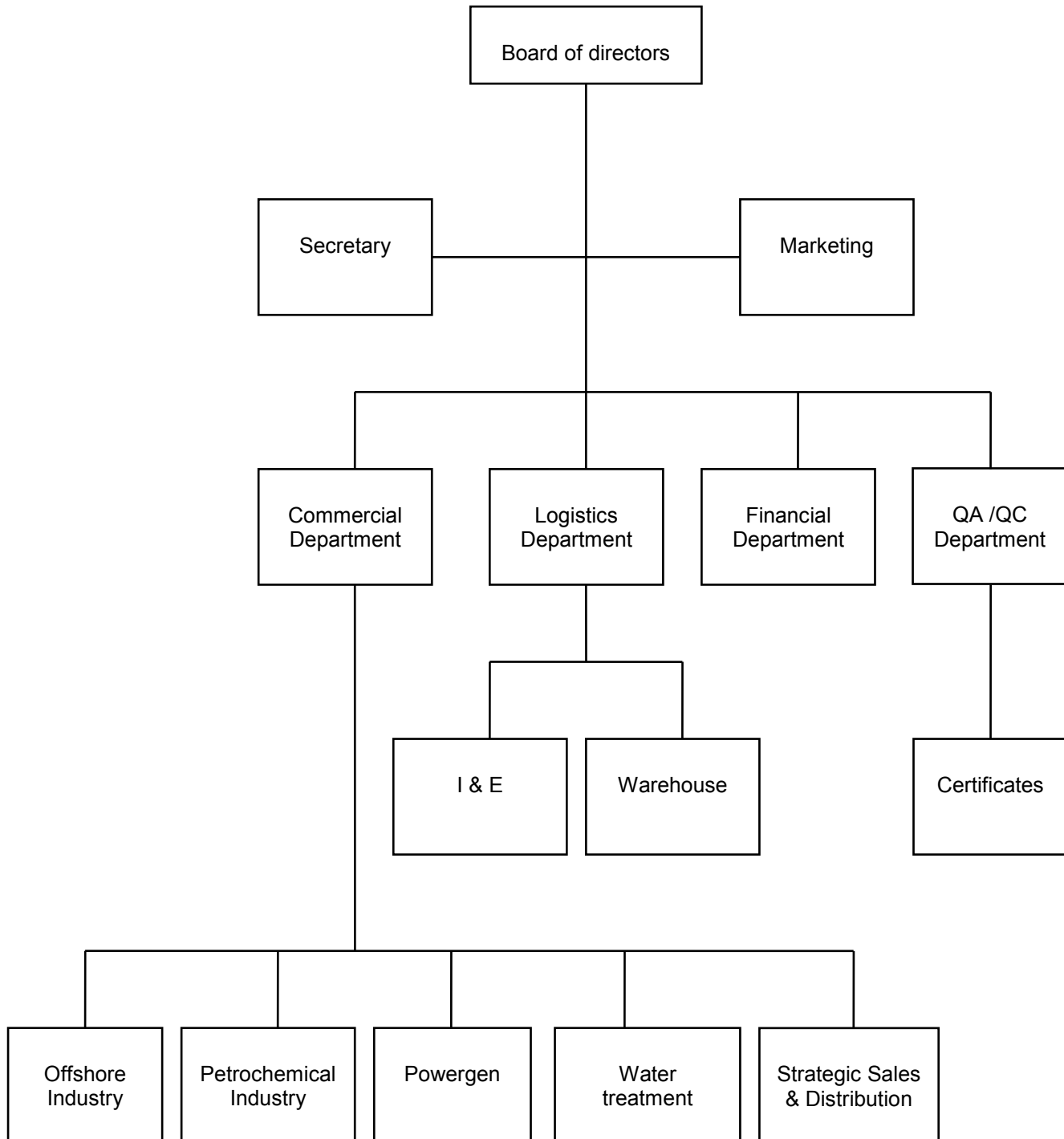
Managing office: Bureau Veritas Inspection & Certification The Netherlands B.V.,
Compuserweg 2, 3821 AB Amersfoort, The Netherlands
Issuing office: Bureau Veritas Inspection & Certification The Netherlands B.V.,
Compuserweg 2, 3821 AB Amersfoort, The Netherlands



10. ORGANISATION

Managing director	Mr. P.J. Harteveld General Management and Responsibility for projects worldwide. Founder of Stainalloy Nederland B.V.	JanHarteveld@stainalloy.com
Commercial director	Mr. A.J. Nobel General management and Responsibility for Projects and business development in the On-Off shore industry.	AlfredNobel@stainalloy.com
Dep. Commercial director	Mr. S.K. Harteveld Business development in the Middle East / CIS.	SjoerdHarteveld@stainalloy.com
Sales Manager	Mr. G. Galli Sales Manager South East Asia.	GiovanniGalli@stainalloy.com
Sales manager	Mr. G.C. Donk Project and stock management in the On-Off Shore industry.	GuidoDonk@stainalloy.com
Sales Manager	Mr. T. Bosma Project management in the Petrochemical / Powergen industry.	TjeerdBosma@stainalloy.com
QA / QC Manager	Mr. R.T.B. Kreischer Quality control and Logistical matters. Welding processes, procedures and metallurgical aspects.	RonKreischer@stainalloy.com
Manager Logistics	Mr. P.C. Nederlof Expediting and forwarding.	PeterNederlof@stainalloy.com
Certificates and strength calculations	Mrs. C. Jansen-Lebensorger	ChristianeLebensorger@stainalloy.com

11. ORGANISATION CHART



12. BANKERS

Rabobank U.A.
Blaak 333
3011 GB Rotterdam
The Netherlands

13. AUDITORS



























Commercial
De Roo Van der Veen R.A.
Trapezium 150 – P.O. Box 5
3360 AA Sliedrecht
The Netherlands

Fiscal
Meyburg & Co.
Burg. Rijnderslaan 10
1185 MC Amsterdam
The Netherlands


























14. LAWYERS

De Bok Roijers Gasseling Advocaten
Hofplein 33
3011 AJ Rotterdam
The Netherlands


























Petrochemical and Refinery heaters

	Owner	Client	Project	Location
	ABB Lummus NL	DSM	Melamine	Geleen/Holland
	Technip Benelux	DOW Chemical Iberica S.L.	LHC cracking heater Tarragona - two heaters	Tarragona/Spain
	Jacobs	Shell Netherlands B.V	EFQD-2: HCU E1110 (washwater injection project)	Pernis/Holland
	Technip Benelux	Total France SA	RN DHC project Gonfreville	La Havre/France
	Technip USA	Sasol	Six ethylene furnaces	Westlake/Louisiana
	Technip USA	The Dow Chemical Co.	Fourteen ethylene furnaces	Kuwait
	ABB Lummus NL	Fortum	Hydro cracking plant	Porvoo/Finland
	Technip USA	GS Caltex	Hydrogen furnace	Korea
	ABB Lummus NL	Shell Houdini (ECC)	Nine ethylene crackers	Singapore
	Technip Benelux	Shell Pétrochemie S.A.	Ethylene Plant Berre - one heater	France
	ABB Lummus NL	Nizhenekamskneftekhim	One cracking heater	Nizhnensk/Tatarstan
	ABB Lummus USA	Petroquímica Uniao S.A.	Two cracking heaters	Capuava/Brazil
	Fluor Daniel	Exxon Mobil Chemical	RAPID project ISOFORMER, Aromatics plant	Rotterdam, Holland
	ABB Lummus NL	Dong Energy	Two crude oil heaters and piping	Mongstad/Norway
	Mitsubishi Heavy Industries	MHI Brunei/Venezuela	Two methanol reformers	Brunei/Venezuela
	Technip Benelux	Sabic UK Petrochemicals	One revamp furnace	Teesside/UK
	Technip USA	Suncor Energy Voyager	Hydrogen plant	Fort McMurray/Canada
	Technip Benelux	Total France S.A.	Project Gonfreville (expansion of existing refinery)	Le Havre, France
	Lummus Technology Heat Transfer	Shell ORCA	Naphta cracking heater	Moerdijk/Holland
	KTI	Tianjin Dagou Chem Ind Comp	Ethylbenzene/styrene plant	Tianjin/China
	Samsung C&T	STC Jet A-1	NCC Revamping	Korea
	Technip USA	BAPCO	Transferline replacement of Outlet Pigtales	Bahrein
	ABB Lummus NL	Haldia Petrochemicals Ltd.	Ethylene plant	India
	ABB Lummus NL	Shell Nederland	Raffinaderij: Charge heater HDS-6	Pernis/Netherlands
	Technip Benelux B.V.	Total Petrochemicals	Convection coils and cross-over piping	Carling/France
	GS E&C	Egyptian Refinery Company S.A.E.	13 heaters	Egypt

























Petrochemical and Refinery heaters

Owner	Client	Project	Location
 ABB Lummus Heat Transfer B.V.	NEM	NEM MONGSTAD	Norway
 IOCL	IOCL	Ethylene Cracking Heaters	South Korea
 Salalah Methanol Company	SALALAH	Methanol project	South Korea
 SK E&C	TAKREER	Ruwais Refinery Project	South Korea
 Lummus	SATORP	CDU & VDU Heaters Al Jubail	Saudi Arabia
 Lummus Technology Heat Transfer B.V.	Porvoo	Porvoo Project Refinery Vacuum Unit	Finland
 Metka Brazil SRL	Petrobazi Refinery	A-01261 BRAZI project	Romania
 Hamon USA	MHI / METOR	Convection pipes	USA
 TECHNIP NL	IOCL	IOCL Haldia project	India
 GS E&C	TAKREER	Ruwais Refinery Expansion Project	UAE
 HHI	HCP	HCP No. 2 BTX	South Korea
 Aramco	DOW	Sadara MFC	Saudi Arabia
 Hanwha Chemicals	Hanwha Chemicals	CM2 project	South Korea
 STC / SECL	Samsung	STC No. 2 Aromatics Complex	South Korea
 AirProducts	AirProducts	Norco 155 MMSCFDH2 plant	USA
 Lyondell / Equistar	Lyondell / Equistar	Lyondell plant	USA
 KBR	Petrobras	Hydrogen Plant	Brazil
 TECHNIP NL	Rosneft	Tuapse Plant	Russia
 SK E&C	SK Innovation	H-project	South Korea
 Lummus	NKNK	Desuperheater project	Russia
 TECHNIP	Shell	SGP Prefurn Bintulu	Malaysia
 Technip	JSC Kazanorgsintez	Double Cell Cracking Furnice Kazan	Russia
 Technip	PDH Alfasel / Lurgi	Propane - dehydrogenation unit	Saudi Arabia
 Technip	OJSC Naftan	Naftan H2 Project	Belarus
 Technip	Bourgas	Heavy Residue Process Complex Steam Reformer	Bulgaria

Offshore Projects

	Owner	Client	Project	Location
	AGIPKCO	Saipem/Keppel	Kashagan Development EP	Kazakhstan
	ConocoPhillips	Alliance Engineeering	Magnolia project GB Blocks 783-784	US Gulf of Mexico
	AIOC/BP	Mercon	Azeri Platform West/East/Phase III	Azerbaijan
	Petrobras	Maua Jurong	P54	Brazil
	Petronas/Murphy Sabah Oil	Misc/SBM Offshore	FPSO Kikeh	Malaysia
	Exxonmobil	SBM Offshore	FPSO Mondo & Saxi/Batuque	Angola
	Exxonmobil/Saipem	SMOE/Sembawang	FPSO Erha	Nigeria
	Petrobras	Quip S.A.	FPU Platform P-53	Brazil
	GDF Production	GDF Production Netherlands	E17a-A platform	Netherlands/North Sea
	Petronas Carigali-PTT Exploration	SMOE/Sembawang	CPOC JDA block B-17 FSO-vessel	Thailand/Malaysia
	Exxonmobil	Hamon Research-Cottrell	Joliet Refinery Wet Gas Scrubber	USA
	Chevron/Petrobras	SBM-Imodco	FPSO Frade	Brazil
	Total Eqp Angola	Veolia Water	SRP Package Pazflor FPSO	Angola
	Sonangol (NOC)	Veolia Water	SRP Package FPSO Gimboa	Angola
	GDF Production	GDF Production Netherlands	K26-A Compression Project	Netherlands/North Sea
	Valero Energy	Hamon Research-Cottrell	Memphis Refinery Wet Gas Scrubber	USA
	Medco Eqp	IKPT	Singa Gas Development Project	Indonesia
	BHP Billiton	FMC-Sofec	FPSO the Pyrenees	Australia
	Maersk Oil & Gas	SMOE	Halfdan phase IV project	Denmark
	Petrobras	Veolia Water	SRP Package Semisub Platform/P56	Brasil
	Adma Opco	MEPI (consortium Technip & NPCC)	GPF Project	Abu Dhabi
	BHP Billiton	Technip	Angostura Gas Project	Trinidad & Tobago
	Modec	BP Angola	FPSO PSVM block 31 - External Turret	Angola
	Sofec	BP Angola	FPSO PSVM block 31 - Process Modules	Angola
	Petrobras	SBM Atlantia	FPSO Capixaba Relocation Cachalote field	Brasil
	Woodside Australian Energy	SBM Monaco	CWLH Redevelopment project, conversion FPSO Okha	Australia
	Talisman Energy	Gusto MSC	Mopustor Yme field	Norway

Offshore Projects

Owner	Client	Project	Location
 AGIP	ERSAI	Agip Kashagan Field Development Project	Kazakhstan
 AGIP	ERSAI	Agip Kazakhstan Services to Aker	Kazakhstan
 AGIP	Saipem	Steel Piping for P & Flares Projects	Kazakhstan
 ONGC	NPCC	B-22 Field Development Project	Abu Dhabi
 ADCO	NPCC	Adco BAB Thammama Habshan 2 - 1.18 OPD Phase 1 Development	Abu Dhabi
 ADCO	NPCC	Adco Qushawira Full Field Development Project 1.8mm BOPD Project	Abu Dhabi
 ONGC	NPCC	B-Series and N15-N16 6 Well Platform Project for ONGC	Abu Dhabi
 Petrofac	Petrofac	South Yoloten Project	Turkmenistan
 Chevron	JGC	Reliability Improvement Project	Singapore
 Aramco	Saipem UAE	S. Aramco Wasit Gas Program	Abu Dhabi
 ADCO	Punj Lloyd	Spiking Gas Compressor Project	Abu Dhabi
 MEPI	MEPI	OAG Project, Das Island	Abu Dhabi
 SOFEC	Sofec	OSX-3 FPSO External Turret	Brazil
 Petrobras	SBM Offshore Group	FPSO Cidade de Ilhabela	Brazil
 PTTEPI	SMOE Pte. Ltd.	Zawtika Development Project	Gulf of Moattama, Myanmar
 Petrobras	Modec	FPSO Cidade de Mangaratiba MV24	Brazil
 GDF SUEZ	GDF Suez	L5a-D Well Protector Platform Project	Dutch North Sea
 GDF SUEZ	GDF Suez	Q13-A Amstel Well Protector Platform Project	Dutch North Sea
 GDF SUEZ	GDF Suez	D18a-A Well Protector Platform Project	Dutch North Sea
 Petrobras	SBM Offshore Group	Cidade de Paraty	Brazil
 Carigali Hess	Thai Nippon Steel	C-HESS BMB & CKD WHPs	Thailand
 MODEC	MODEC	OSX-3 FPSO	Brazil
 Petrobras	MODEC	FPSO Cidade de Sao Paulo MV23	Brazil
 OSX Brazil S.A.	Keppel Shipyard Ltd	FPSO OSX-1	Brazil



RIO DE JANEIRO

Avenida Nilo Peçanha No. 50, Sala 1704
Bairro: Centro
CEP 20020-906 – Rio de Janeiro
Brazil
Tel: +55 21 2025 1224 / 21 2025 1225
Fax: +55 21 2220 0395
projetos@special-steels.com.br

SÃO PAULO

Rodovia Anhanguera km 15, Módulo 31
Bairro: Parque São Domingos
CEP 05112-000 – São Paulo
Brazil
Tel: +55 11 3622 4860
Fax: +55 11 3621 9117
vendas@special-steels.com.br

RECIFE

Rua Ribeiro de Brito 1002
Sala 509
CEP 51021-310 - Recife/Pernambuco
Brazil
Tel/Fax: +55 21 81 3032 5741
vendas-ne@special-steels.com.br



Special Steels Middle East FZC

Post Box No. 9462
SAIF Zone, Sharjah
United Arab Emirates
Tel: +9716 5489 644
Fax: +9716 5489 645
Mobile: +97150 4824 776
sales@specialsteels-me.com



Special Steels & Alloys S.E. Asia Pte Ltd.

Zervex, No. 8 Ubi Road 2, #04-22
Singapore 408538
Tel: +65 66365128
Fax: +65 66365120
sales@ssalloys.com.sg



Stainalloy Nederland B.V.

Sportlaan 151
3364 DK Sliedrecht
The Netherlands
Tel: +31-184-410199
Fax: +31-184-412072
sales@stainalloy.com
www.stainalloy.com