



Steel SW - Fluids

Pipes, Valves, Pumps & Accesories

Adding Value and Knowledge to the Business

Introduction



Steel SW is a company whose mission is to provide technical and commercial solutions to infrastructure projects, in their investment, engineering, construction, commissioning and operation phase. Present in the energy, mining, pulp and paper, infrastructure, and construction markets.

Steel SW provides high quality services combined with the strategic association of global companies, leaders in their markets, representing products and services with the highest standards.

The **Steel SW** management team has more than 33 years of experience offering a solid commitment to all its customers.

Record



Currently and after 14 years in the Latin American market, **Steel SW** has successfully delivered more than 1,670 km of large diameter pipes, equivalent to a supply of more than 350,000 tons, in 14 projects in Chile, Peru and the Dominican Republic.

His clients such as: **Ausenco, Brass, Bechtel, Fluor, PSI** in engineering company; **Saipem, Graña y Montero (Cumbra), Conduto**, in Construction and Assembly companies; **Anglo American, Teck, BHP, AMSA, Xstrata** as end customers or clients.

This translates into sales of approximately: US \$ 500 MM



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Experience

STEEL
SW
14 Years

<u>Dominican Republic</u>		
J / 2018 / G del Este (Aes-Conduto) / 20"	/ 49 km / 8.347 Ton	
Perú		
J / 2011 / Congas (Contugas – GyM) / 20"	/ 210 km / 28.811 Ton	
R / 2012 / Las Bambas (Xstrata-Bechtel) / 12"	/ 320 km / 16.000 Ton	
J / 2012 / Las Bambas (Xstrata-Bechtel) / 30" & 36" / 7 km	/ 834 Ton	
J / 2018 / Quellaveco (Anglo-Fluor) / 28"	/ 92 km / 12.405 Ton	
Total Perú (4 Projects)	/ 629 km / 58.050 Ton	
Chile		
J / 2007 / Pelambres (AMSA-Bechtel) / 28"	/ 48 km / 18.732 Ton	
J / 2008 / Bronces (Anglo-PSI) / 28" & 24"	/ 120 km / 35.277 Ton	
J / 2012 / S. Gorda (Brass) / 36"	/ 147 km / 47.489 Ton	
J & R / 2012 / Escondida OGP (BHP-Bechtel) / 24"	/ 44 km / 6.489 Ton	
J / 2014 / EWS (BHP-Bechtel) / 42"	/ 383 km / 122.473 Ton	
J / 2017 / Bronces (Anglo- Metal O / 16", 24", 20" / 14 km	/ 2.865 Ton	
J / 2017 / Spence (BHP-Saipem) / 36"	/ 157 km / 38.780 Ton	
J / 2018 / Q. Blanca (Teck-Bechtel) / 48"	/ 10 km / 7.331 Ton	
J / 2019 / Pelambres (Amsa- Bechtel) / 24"	/ 74 Km / 12.000 Ton	
Total Chile (9 Projects)	/ 997 km / 291.436 Ton	
G. Total Latin (14 Projects)		
1.675 km / 349.486 Ton		
 Presence of Steel SW, and other Products		
J: Jindal SAW / R: Ratnamani		



Adding Value and Knowledge to the Business

Ranges of Products

Carbon Steel & Alloy Pipes

**STEEL
SW**
14 Years

Pipe

In Carbon & Alloy Steel in LSAW / HSAW / Circ. S. SAW / HF-ERW
In diameters ranging: 2 " @ 152" and thicknesses of 0.2 " @ 2.56".
to serve the markets:

- Oil & Gas, Water, Slurry Chemical Plants, Structural, Thermal, Hydro, Refinery, others

In Stainless Steel in Welded / Seamless / Cir.S. Welded / EFW
In diameters ranging: 0.2 " @ 2" and thicknesses of 0.2 @ 4 "

Titanium pipes

Range of Product Steel SW / Carbon Steel & Alloy																			
Diameter v/s Type	2	4	6	8	10	12	14	16	18	20	40	60	80	100	150	WT			
LSAW						12						48				0,2 @ 1,5"			
HSAW								16								144	0,2 @ 0,8"		
Circuferential Seam SAW										32						152	0,2 @ 2,56"		
HF-ERW			6						18								0,125 @ 0,5"		

Application	Longitudinal Sumerged Arc Welded (LSAW) India	Spiral / Helical Sumerged Arc Welded (HSAW) India	Longitudinal with Circumferential Seam Sumerged Arc Welded India	High Frequency Electric Resistance Welded (HF-ERW) India
Material	Oil, Gas, Sea Water, Slurry Transp, Structural	Oil, Gas, Water, Structural	Oil, Gas, Sea Water, Slurry Transp, Structural	Oil, Gas, Water, Slurry Transp, Structural, Heating
Diameter	Carbon Steel & Alloy Steel	Carbon Steel	Carbon Steel & Alloy Steel	Carbon Steel
WT	12" @ 48"	16" @ 144"	32" @ 152"	6" @ 18"
Grade	0,2" @ 1,5"	0,2" @ 0,8"	0,2" @ 2,56"	0,125" @ 0,5"
Coating type external	ASTM; API 5L, API 2B; EN / BS; IS	ASTM; API 5L; EN / BS; IS	ASTM; API 5L, API 2B; EN / BS; IS	ASTM; API 5L (upto X80), API 5CT; EN/BS; IS; Customer's Spec.
Coating type internal	3LPE/3LPP; FBE/DFBE; CTE; Tape coating/Coal Tar; External Cement Mortar Lining	3LPE/3LPP; FBE/DFBE; CTE; Tape coating/Coal Tar; External Cement Mortar Lining	3LPE/3LPP; FBE/DFBE; CTE; Tape coating/Coal Tar; External Cement Mortar Lining	3LPE/3LPP; FBE/DFBE; CTE; Tape coating/Coal Tar; External Cement Mortar Lining
Other Offering	Internal Liquid Epoxy; Internal Cement Mortar Lining	Internal Liquid Epoxy; Internal Cement Mortar Lining	Internal Liquid Epoxy; Internal Cement Mortar Lining	Internal Liquid Epoxy; Internal Cement Mortar Lining
	Hot Induction Bend	Hot Induction Bend; Mobile Plant (18@100" D / 0,2@0,8" WT) As per IS	Hot Induction Bend; Mobile Plant (18@100" D / 0,2@1" WT) As per IS	Circular Hollow Section (6@18) Square Hollow Section (5x5" @ 12x12") As per IS Rectagular Hollow Section (6x4" @ 14"x10") As per IS


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Ranges of Products

Stainless Steel Pipes

**STEEL
SW**
14 Years

Existing Certification	Standard	Certificate No.
	ISO 9001	44 100 094320
	ISO 14001	44 104 094174
	OHSAS 18001	44 116 090671
	API 5L (CS KUTCH)	5L-0510
	API 5CT (CS KUTCH)	5CT-1314
	API 5L (Chhatral Facility)	5L-0355
	API2B (Chhatral Facility)	2B-0057
	PED ADW0 (Indrad Facility)	07/202/1409/WZ/1367/15
	PED (Chhatral Facility)	07/202/1409/WZ/1594/17
	PED (CS Kutch Facility)	07/202/1409/WZ/1595/17
	PED ADW0 (SS Kutch Facility)	07/202/1409/WZ/1432/15



Range of Product Steel SW / Stainless Steel

Diameter v/s Type	1	2	3	4	5	6	7	8	10	20	30	40	50	WT	
Welded	0								12					0,2@1,5"	
Seamless	0		3											0,2@0,3"	
LSAW - EFW								8					48	1@2"	
Circuferential Seam SAW										20				72	2@4"

STEEL SW				
Application	Material	Diameter	WT	Grade
Coating type external	Welded Stainless Steel Tubes India	Seamless Stainless Steel Tubes India	Longitudinal Electrical Welded (EFW), SS India	Long. With Circumferential Seam Welded, SS India
	Oil & Gas , Nuclear, Thermal, Hydro Power plant, chemicals and Fertilize, Waster/Desalination ProcessInd.	Heat Exchanges, condenser and LP/HP heater U Tubes	Oil & Gas , Nuclear, Thermal, Hydro Power plant, chemicals and Fertilize, Waster/Desalination ProcessInd.	Oil & Gas , Nuclear, Thermal, Hydro Power plant, chemicals and Fertilize, Waster/Desalination ProcessInd.
	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
	0,12" @ 12"	0,3" @ 3"	8" @ 48"	20" @ 72"
	0,1" @ 1,6"	0,01" @ 0,3"	1" @ 2"	2" @ 4"
	Multi Grade and Specification	Multi Grade and Specification	ASTM A 358, A 409, A 778, A928 API 5LC	AST A 358, A 409 A 778
	Surface Finish: Mirror / Polishing / Matt	Surface Finish: Mirror / Polishing / Matt	Surface Finish: Mirror / Polishing / Matt	Surface Finish: Mirror / Polishing / Matt

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Ranges of Products

Fittings

Flanges: Stainless steel; Alloy; Carbon steel; Copper; Titanium; Bronze; Aluminum; Zinc; Lead.

But - Weld Fitting: Stainless steel; Alloy; Carbon steel; Copper; Titanium; Bronze; Aluminum; Zinc.

Forged Fittings: Stainless steel; Alloy; Carbon steel; Copper; Titanium; Bronze; Aluminum; Zinc.

Socket Weld Fittings: Stainless steel; Alloy; Carbon steel; Copper; Titanium; Bronze; Aluminum; Zinc.

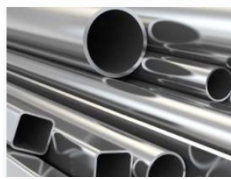
Ferrule Fittings: Stainless steel; Alloy; Carbon steel; Copper; Titanium; Bronze; Aluminum; Zinc.

Pipes and Tubes: Stainless Steel; Alloy; Carbon steel; Nickel Alloy; Duplex; Copper; Bronze; Titanium; Zinc; Aluminum.

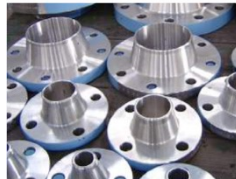
BUTT-WELD FITTINGS



PIPES & TUBES



FLANGES



SOCKET WELD FITTINGS



FORGED FITTINGS



FERRULE FITTINGS



Valves

Valves size range from:

- ½" to 56"
- Class 150 to 2500

with great mix of product i.e.:

Ball valve (Floating, trunion mounted, side entry, top entry, fully welded body, complete cladded valve, stem extension etc.)

Gate Valves (Flexible wedge, solid wedge, expending gate, slab gate)

Globe Valve,

Butterfly valve (Double and triple offset with 100% metal seat and laminar seat)

Plug valves

Wafer check valves

Swing check valves

Choke valves

API 6A gate valves

Pigging valves

pneumatic actuator valves

motor operated valves

hydraulic actuator and gas oil



Ranges of Products

Accessories

Steel SW – Dodona association have the line for NFPA 72 and NFPA 101 Fire Detection Systems, fire alarm systems and Life Safety Code. Technologies: Kidde, Carrier, Honeywell, Simplex. Fire Extinguishing Systems with Clean Agent. Fire Seals. Our main objective is to provide solutions with the supply of materials for the development of projects in your company and the maintenance of your business units.

Flanges & Special Connectors (Carbon Steel; Ally Steel; Nickel Alloy Steel; martensitic Stainless Steel; Stainless steel; Duplex; Others) Branches: MELESI, SANTAFEDE, BRUCK, MAASS, BEBITZ, ULMA, TECTUBI, BONNEY FORGE

Valves (Balls valves; relief; Instrumentations; others) Branches: VALLAND, GWC, LVF, VALVOSIDER, KITZ, KF, OMB

Fittings & accessories: Branches: O.M.R Group, GAM Raccordi SPA, MEGA, IML, BONNEY FORGE, ULMA, PUSAN, SOLID BEND, BALKRISHNA, RN GUPTA, TAYLOR FORGE, PENN

Others: Filters; Quick opening clousutres; CONTAINMENT BARRIERS FOR OIL SPILLS FIRE DETECTION SYSTEM:

Pumps

Steel SW based on **UAE**, provide three major groups, according to the method, used to move the fluid:

Direct Lift.
Displacement.
Gravity.



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Other Business, Products & Services:

Metals (Gold, Silver, Copper, Others) / Beams / Bars / Fastener /
Channels / Coils / Alloys / Plates / Erection / Oil & Electrical Pro.



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