

SAMAMAT FLOW CONTROL L.L.C.





COMPANY PROFILE

Company Location	Company Name	SAMAMAT FLOW CONTROL L.L.C
	Company Address	Plot No 597-4904, Warehouse No 6, P.O. Box: 96047, DIP 2, Dubai, UAE
	Telephone Number	+971 4 884 2212
	Fax Number	+971 4 884 2213
	Website	www.samamatuae.com
	Contact	info@samamatuae.com
Company Information	Employees	35
	Product	Ball Valve, Gate Valve, Check Valve, Globe Valve & Flanges
	Production Size	1/2" to 42"
Company Size	Machine Shop Area	9,000 sq.ft.
	Welding Shop Area	1,200 sq.ft.
	Assembly Area	9,800 sq.ft.
	Testing Area	4,250 sq.ft.
Nearest Transportation	Airport	DXB 35.1KM, DWC 10.5KM
	Seaport	Jebel Ali 16.4KM



Samamat Flow Control L.L.C. is a UAE-based Valve-Manufacturing and Valve-Servicing Company for the process, power, and energy-related industries. Samamat has state-of-the-art manufacturing facility, producing high-quality valves to meet specific requirements of both local and international clients. This modern facility is supported by a specialized team of highly-skilled, ingenious technicians who ensure that the valves consistently deliver high performance and adherence to international standards.

Samamat has been specially organized to meet client requirements through an in-house testing facility of MT, PT, UT, Hardness, Chemical Analysis and PMI, in line with Machining, Assembling, Testing, Inspection, Welding and Packing. The facility is situated in Dubai Investment Park, Dubai, UAE.

Samamat also excels in delivering outstanding services to its customers. All team members are trained to work in a SMART, dedicated and timely basis to ensure that they keep their promise to stakeholders like customers, colleagues, suppliers, regulators, financiers, and shareholders.

Mission

To offer a wide range of products and specialized services for Valves and Flanges while ensuring that the customer's needs are met on time and according to specifications.

Vision

To become a global leader in providing innovative products and services for the Flow-Control industry, creating value in order to meet customer expectations in terms of quality, reliability and customer service.

Values

Integrity | Building Relationships
Ownership & Commitment | Teamwork | Customer Focus

Quality Policy

It is the policy of Samamat Flow Control to achieve rapid and continual improvement in performance to ensure that Design, Development and Manufacturing of all product of Samamat Flow Control meet or exceed API/PED design specifications and customer requirements.

ABOUT US



QUALITY CONTROL

Samamat Flow Control L.L.C. is designed to achieve the goals to produce high quality of valves and flanges to meet the client requirements and complying to standards with State of the Art equipment, facilities and well skilled and trained workers supported by highly qualified and certified technical engineering staff.

Samamat Flow Control L.L.C. have been well organized to perform all testing requirements, with in-house facility to ensure the quality of the product by qualified NDT Inspector and AWS Certified Welding Inspector.

Test Performed In-house are:

- Magnetic Particle Examination (MT)
- Ultrasonic Examination (UT)
- Dye Penetrant Examination (DP)
- Positive Material Identification (PMI)
- Hardness Test
- Valve Pressure Test

Samamat Flow Control's Quality Management System has been certified in accordance with: ISO 9001:2015, API Spec. Q1: 9th Edition, Pressure Equipment Directive 2014/68/EU (PED) and our products meets design standards API 6D, API 594, API 600, API 602 & PED 2014/68/EU and Fire Safe according to API 607, API 6FA & ISO 10497.



CERTIFICATES

ISO 9001:2015



API SPEC Q1



API 6D - BALL VALVES



API 600 – GATE VALVES



API 602 – FORGED GGC VALVES



API 594 – CHECK VALVES



PRODUCT RANGE BY SIZE AND PRESSURE RATING

VALVES

TYPE OF VALVES	DESIGN	150	300	600	800	900	1500	2500
FORGED GATE VALVE	API 602	½" to 1 ½"	½" to 1 ½"	½" to 1 ½"	½" to 2"	½" to 1 ½"	½" to 1 ½"	½" to 1 ½"
FORGED GLOBE VALVE	API 602	½" to 1 ½"	½" to 1 ½"	½" to 1 ½"	½" to 2"	½" to 1 ½"	½" to 1 ½"	½" to 1 ½"
FORGED CHECK VALVE	API 602	½" to 1 ½"	½" to 1 ½"	½" to 1 ½"	½" to 2"	½" to 1 ½"	½" to 1 ½"	½" to 1 ½"
CAST GATE VALVE	API 600	2" to 36"	2" to 36"	2" to 36"		2" to 12"	2" to 12"	2" to 12"
CAST GLOBE VALVE	BS 1873, API 623	2" to 16"	2" to 16"	2" to 16"				
SWING CHECK VALVE	API 594, BS 1868	2" to 24"	2" to 24"	2" to 24"		2" to 12"	2" to 12"	2" to 12"
FLOATING BALL VALVE	API 6D, ISO 17292, API 608	½" to 6"	½" to 6"	½" to 6"	½" to 2"	½" to 2"	½" to 2"	½" to 2"
TRUNNION BALL VALVE	API 6D, API 608	2" to 42"	2" to 42"	2" to 42"		2" to 12"	2" to 12"	2" to 12"

FLANGES

TYPE OF FLANGES	DESIGN	PRESSURE RATING	SIZE	MATERIAL
WELD NECK	ASME/ANSI B16.5, ASME/ANSI B16.47 (Series A, B), MSS-SP-44	150 300 600 900 1500 2500	½" to 36"	CARBON STEEL, STAINLESS STEEL, SDSS, DSS & ALLOY STEEL
SLIP ON				
BLIND				
SOCKET WELD				
LAP JOINT				
THREADED				
RING TYPE JOINT				
LONG WELD				
CLADDED FLANGE	ASME/ANSI B16.5, ASME/ANSI B16.47 (Series A, B)		4" to 36"	N/A

SERVICES PROVIDED:

VALVES

- Repair & Maintenance
- Site Supervision for Start-up & Commissioning
- Automation from Manual Valve to Actuated Valve
- Hydro Testing as per API 598 & API 6D, ISO5208, EN 12266-1 & 2

OTHER PIPING PRODUCTS

- Cladding for Flanges
- Machining Services
 - Turning
 - Milling
 - Surface Grinding
 - Slotting
 - Drilling
 - Boring
- Pipe Rectification
- Pipe Threading



PRODUCT DETAILS

TRUNNION SIDE ENTRY BALL VALVE	
Size	2" to 42"
Pressure Class	150, 300, 600 (900, 1500 & 2500 UP TO 12")
Product Name	Trunnion Side / Top Entry Ball Valve - Full Bore / Reduce Bore
Design According to	API 6D, API 608, ISO 17292
Pressure - Temp Rating	ASME B16.34
Face to Face According to	ASME B16.10, API 6D
End Connection According to	ASME B16.5, ASME B16.25
Inspection & Testing	API 598, API 6D, EN 12266-1 & 2
Fire Safe	API 607, API 6FA, ISO 10497
Operation	Lever, Gear, Motor, Pneumatic, GOV, Hydraulic, etc.
Material	Carbon Steel, Stainless Steel, SDSS, DSS & Alloy Steel
Ends	RF, FF, RTJ, BW & LRF
Design Features	2Pcs or 3Pcs Bolted Body, Soft Seat, Metal Seat, Anti Blow Out Stem, Antistatic Design, Double Block & Bleed, DIB-I & DIB-II Configuration, Self Relieving, Single / Double Piston Effect, Stem Injection & Seat Sealant Injection, Cavity Relief



FLOATING BALL VALVE	
Size	1/2" to 6"
Pressure Class	150, 300, 600 (also up to 2" 800, 900, 1500 & 2500)
Product Name	Floating Side/Top Entry Ball Valve - Full Bore / Reduce Bore
Design According to	API 6D, API 608, ISO 17292
Pressure - Temp Rating	ASME B16.34
Face to Face According to	ASME B16.10, API 6D
End Connection According to	ASME B16.5, ASME B16.25, ASME B16.11
Inspection & Testing	API 598, API 6D, EN 12266-1 & 2
Fire Safe	API 607, API 6FA, ISO 10497
Operation	Lever, Gear, Motor, Pneumatic
Material	Carbon Steel, Stainless Steel, SDSS, DSS & Alloy Steel
Ends	RF, FF, RTJ, BW, LRF, SW, NPT & Nipple Ends
Design Features	2Pcs or 3Pcs Bolted Body, Soft Seat, Metal Seat, Anti Blow Out Stem, Antistatic Design, Cavity Relief



GATE VALVE	
Size	2" to 36"
Pressure Class	150, 300, 600 (2" to 12" for Class 900, 1500 & 2500)
Product Name	Cast Gate Valve
Design According to	API 600
Pressure - Temp Rating	ASME B16.34
Face to Face According to	ASME B16.10
End Connection According to	ASME B16.5, ASME B16.25
Inspection & Testing	API 598, EN 12266-1 & 2
Operation	Hand Wheel, Gear, Motor
Material	Carbon Steel, Stainless Steel, SDSS, DSS & Alloy Steel
Ends	RF, FF, RTJ, BW & LRF
Design Features	Bolted Bonnet, Pressure Seal Bonnet, Flexible Wedge, Renewable Seats, OS & Y Raising System



GLOBE VALVE	
Size	2" to 16"
Pressure Class	150, 300, 600
Product Name	Cast Globe Valve
Design According to	BS 1873, API 623
Pressure - Temp Rating	ASME B16.34
Face to Face According to	ASME B16.10
End Connection According to	ASME B16.5, ASME B16.25
Inspection & Testing	API 598, EN 12266-1 & 2
Operation	Hand Wheel, Gear, Motor
Material	Carbon Steel, Stainless Steel, SDSS, DSS & Alloy Steel
Ends	RF, FF, RTJ, BW & LRF
Design Features	Bolted Bonnet, Plug Type, Renewable Seats, OS & Y Raising Stem



CHECK VALVE	
Size	2" to 24"
Pressure Class	150, 300, 600 (2" to 12" for Class 900, 1500 & 2500)
Product Name	Swing Type Cast Check Valve
Design According to	API 594, BS 1868
Pressure - Temp Rating	ASME B16.34
Face to Face According to	ASME B16.10
End Connection According to	ASME B16.5, ASME B16.25
Inspection & Testing	API 598, EN 12266-1 & 2
Material	Carbon Steel, Stainless Steel, SDSS, DSS & Alloy Steel
Ends	RF, FF, RTJ, BW & LRF
Design Features	Bolted Cover, Swing Disc, Renewable Seats



FORGED GLOBE VALVE	
Size	1/2" to 2"
Pressure Class	150, 300, 600, 800, 900, 1500 & 2500
Product Name	Forged Globe Valve
Design According to	API 602
Pressure - Temp Rating	API 602, ASME B16.34
Face to Face According to	ASME B16.10, Manufacturers Standard
End Connection According to	ASME B16.5, ASME B16.25, ASME B16.11
Inspection & Testing	API 598, EN 12266-1 & 2
Operation	Hand Wheel
Material	Carbon Steel, Stainless Steel, SDSS, DSS & Alloy Steel
Ends	RF, FF, RTJ, BW, LRF, SW & NPT
Design Features	Bolted / Welded Bonnet, Swivel Plug, OS & Y Raising Hand Wheel



FORGED GATE VALVE	
Size	1/2" to 2"
Pressure Class	150, 300, 600, 800, 900, 1500 & 2500
Product Name	Forged Gate Valve
Design According to	API 602
Pressure - Temp Rating	API 602, ASME B16.34
Face to Face According to	ASME B16.10, Manufacturers Standard
End Connection According to	ASME B16.5, ASME B16.25, ASME B16.11
Inspection & Testing	API 598, EN 12266-1 & 2
Operation	Hand Wheel
Material	Carbon Steel, Stainless Steel, SDSS, DSS & Alloy Steel
Ends	RF, FF, RTJ, BW, LRF, SW & NPT
Design Features	Bolted / Welded Bonnet, Solid Wedge, OS & Y Raising Stem, Renewable Seat



FORGED CHECK VALVE	
Size	1/2" to 2"
Pressure Class	150, 300, 600, 800, 900, 1500 & 2500
Product Name	Forged Lift Check Valve
Design According to	API 602
Pressure - Temp Rating	API 602, ASME B16.34
Face to Face According to	ASME B16.10, Manufacturers Standard
End Connection According to	ASME B16.5, ASME B16.25, ASME B16.11
Inspection & Testing	API 598, EN 12266-1 & 2
Material	Carbon Steel, Stainless Steel, SDSS, DSS & Alloy Steel
Ends	RF, FF, RTJ, BW, LRF, SW & NPT
Design Features	Bolted / Welded Cover, Piston Type



CLADDING

Cladding is a process that provides protection for metallic components by welding a layer of corrosion-resistant alloy to areas at risk of corrosion and wear exists. It can be applied to an entire component, or only to specific areas of concern.

PURPOSE OF CLADDING:

The main purpose of cladding on components is for corrosion resistance or wear resistance. While most components will have corrosion allowance built into their wall thickness the wastage rate can still be excessive for certain materials such as carbon steels or low alloy steels. Cladding provides a surface protection which then allows the substrate material to provide strength requirements to meet codes and standards.

BENEFITS OF CLADDING:

- Cladding offers superior corrosion and wear resistance properties extending the part life dramatically and reducing the risk of corrosion and wear exists.
- Another very important consideration is the dilution of the clad layer by the substrate material, as dilution can have a dramatic effect on the corrosion resistance of the cladding.
- And improve the life span of material and reducing the maintenance & shutdown operations in working severe conditions.
- Fully cladding a carbon steel component with alloy 625, as opposed to producing it in solid alloy 625, can reduce costs by as much as 50 to 60%.

CLADDING PROCESS & CAPACITY:

Samamat Flow Control L.L.C. has the capacity to process from 4" to 36" Flanges and Valves.

Maximum Bore Depth: up to 600mm

Weldable Bore Dia.: 800mm

Welding Speed: 340 to 450mm/min.

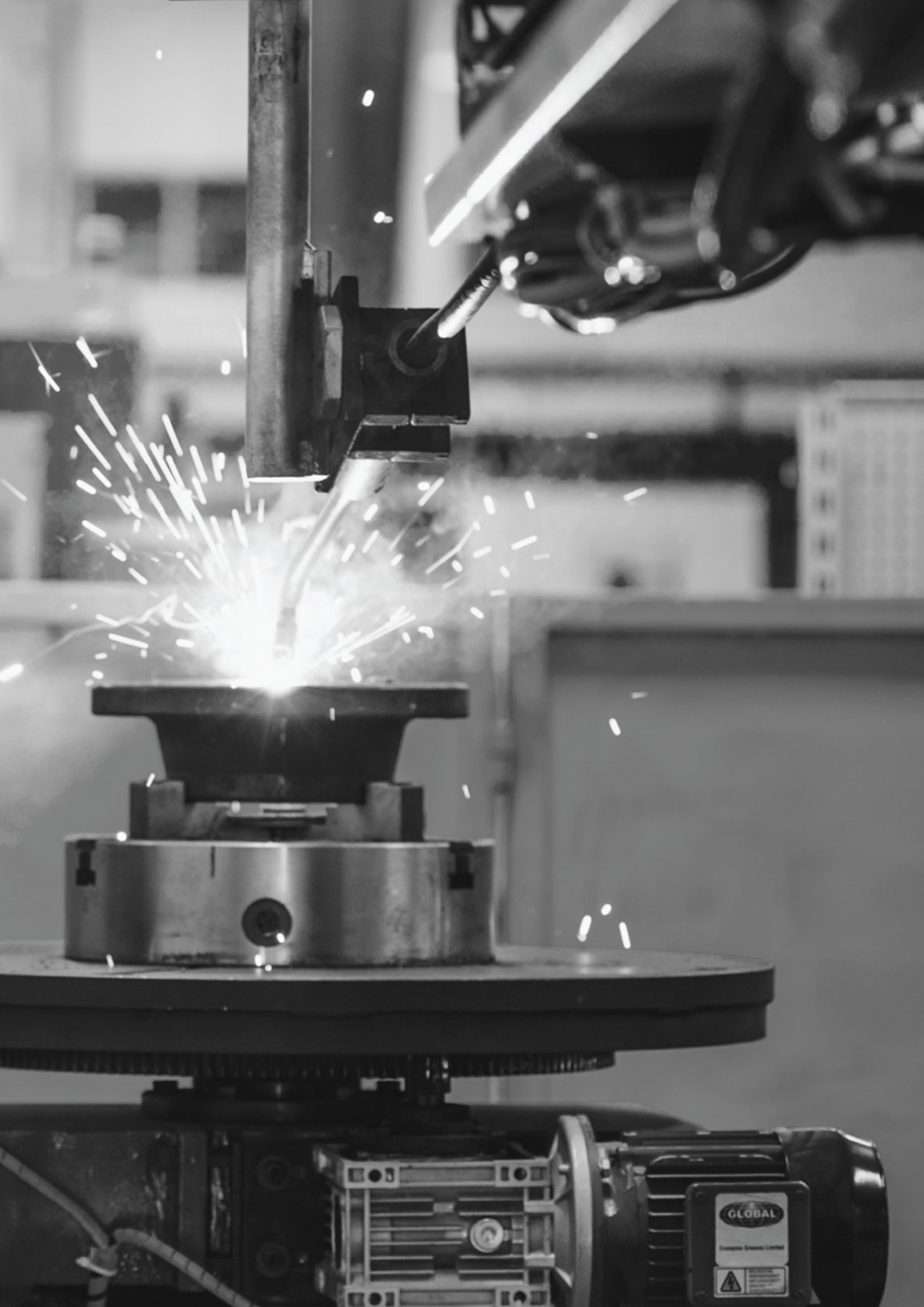
Deposition Rate: 1.7 to 2.5kg/hr

The process is usually applied to increase the availability work sources for Gas Metal Arc Welding (GMAW) & Gas Tungsten Arc Welding (GTAW) cladding of the walls with metal alloys that are more resistant to wear.

HOW CLADDING WILL IMPROVE QUALITY OF COMPONENTS:

- Unusual alloy castings can include sub-surface defects, Cladding the surface produces a very high-Quality layer with minimal imperfections.
- Cladding process that builds up the corrosion resistant alloy (CRA) layer of 1.5 to 3 mm on the welded parts of flange and Valve. It protects the piping system's integrity and provides a low cost and long-term solution.
- A full range of NDT provides reassurance of quality.

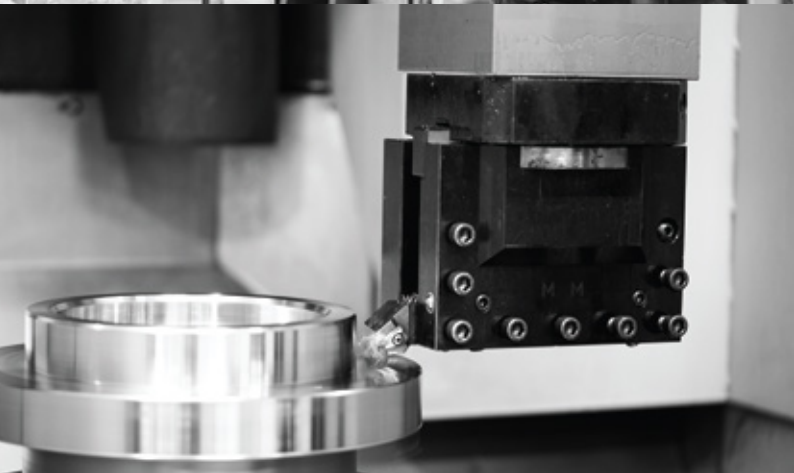




FACILITY DETAILS

SL.NO.	MACHINE NAME	MACHINE TYPE	QUANTITY
1	Horizontal Turning Center	CNC	1 No.
2	Horizontal Turning Mill Center	CNC	1 No.
3	Vertical Machining Center	CNC	1 No.
4	Vertical Turning Lathe	CNC	1 No.
5	Surface Grinding Machine	Semi-Automatic	1 No.
6	Radial Drilling Machine	Manual	1 No.
7	Pillar Drilling Machine	Manual	1 No.
8	Heavy Duty Lathe	Manual	2 No's.
9	Medium Duty Lathe	Manual	2 No's
10	Light Duty Lathe	Manual	3 No's.
11	Universal Milling Machine	Manual	1 No.
12	Band Saw Cutting Machine	Semi-Automatic	2 No's.
13	Horizontal Boring Machine	Manual	1 No.
14	Vertical Slotting Machine	Manual	2 No's.
15	Thread Cutting Machine	Manual	2 No's.
16	Air Compressor	Automatic	1 No.
17	MIG Welding Machine	Semi-Automatic	1 No.
18	TIG Welding Machine	Manual	1 No.
19	ARC Welding Machine	Manual	1 No.
20	Vertical Hydro Testing Machine	Manual	1 No.
21	Horizontal Hydro Testing Machine	Manual	1 No.
22	Mobile Hydro Testing Machine	Manual	1 No.
23	Wedge Lapping Machine	Manual	1 No.
24	Body Lapping Machine 2" - 12"	Manual	1 No.
25	Body Lapping Machine 14" - 24"	Manual	1 No.
26	Marking Machine	Manual	1 No.
27	A Frame Crane	6 Tons	1 No.
28	A Frame Crane	3 Tons	3 No's.





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Samamat Flow Control L.L.C.
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Dubai Investments Park 2, Dubai, U.A.E.
P.O. Box: 96047



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