QMS REGISTERED
ISO 9001:2015-3622

API Spec Q1 Registered
Q1-3467

594-0023

SAMAMAT

SAMAMAT FLOW CONTROL L.L.C.

CHECK VALVES

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

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.

SAMAMAT

CERTIFICATES

ISO 9001:2015

QMS REGISTERED

Certificate of Registration

APIQR® REGISTRATION NUMBER
3622

This certifies that the quality management system of
SAMAMAT FLOW CONTROL L.L.C.
96047 Ware House # 6
Plot # 597-4904 Dubai Investment Park 2
Dubai
United Arab Emirates

has been assessed by the American Petroleum Institute Quality Registrar (APIQR®) and found it to be in conformance with the following standard:

ISO 9001:2015

The scope of this registration and the approved quality management system applies to the:
Design, Development, Manufacture and Servicing of Valves and Flanges

APIQR® approves the organization's justification for excluding:
No Exclusions Identified as Applicable

Effective Date: MAY 1, 2018
Expiration Date: MAY 1, 2021
Registered Since: MAY 1, 2018

Executive Vice President

API SPEC Q1

API

REGISTRATION NO. Q1-3467

Certificate of Registration

The American Petroleum Institute certifies that the quality management system of
SAMAMAT FLOW CONTROL L.L.C.
96047 Ware House # 6
Plot # 597-4904 Dubai Investment Park 2
Dubai
United Arab Emirates

has been assessed by the American Petroleum Institute and found to be in conformance with the following:

API Specification Q1

The scope of this registration and the approved quality management system applies to the:
Design, Development, Manufacturing and Servicing of Valves and Flanges

API approves the organization's justification for excluding:
No Exclusions Identified as Applicable

Effective Date: MAY 1, 2018
Expiration Date: MAY 1, 2021
Registered Since: MAY 1, 2018

Q1
API Spec Q1
Registered

Executive Vice President

API 6D - BALL VALVES

Certificate of Authority to use the Official API Monogram
License Number: 6D-1782 ORIGINAL

The American Petroleum Institute hereby grants to

SAMAMAT FLOW CONTROL L.L.C.
96047 Ware House # 6
Plot # 597-4904 Dubai Investment Park 2
Dubai
United Arab Emirates

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and API-6D and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: 6D-1782

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Ball Valves

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: MAY 1, 2018
Expiration Date: MAY 1, 2021

Executive Vice President

American Petroleum Institute

To verify the authenticity of this license, go to www.api.org/compositelist.

API 600 – GATE VALVES

Certificate of Authority to use the Official API Monogram
License Number: 600-0283 ORIGINAL

The American Petroleum Institute hereby grants to

SAMAMAT FLOW CONTROL L.L.C.
96047 Ware House # 6
Plot # 597-4904 Dubai Investment Park 2
Dubai
United Arab Emirates

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and API-600 and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: 600-0283

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Bolted Bonnet Steel Gate Valves

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: MAY 1, 2018
Expiration Date: MAY 1, 2021

Executive Vice President

American Petroleum Institute

To verify the authenticity of this license, go to www.api.org/compositelist.

API 602 – FORGED GGC VALVES

Certificate of Authority to use the Official API Monogram
License Number: 602-0094 ORIGINAL

The American Petroleum Institute hereby grants to

SAMAMAT FLOW CONTROL L.L.C.
96047 Ware House # 6
Plot # 597-4904 Dubai Investment Park 2
Dubai
United Arab Emirates

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and API-602 and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: 602-0094

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Compact Steel Check Valves, Compact Steel Globe Valves and Compact Steel Gate Valves

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: MAY 1, 2018
Expiration Date: MAY 1, 2021

Executive Vice President

American Petroleum Institute

To verify the authenticity of this license, go to www.api.org/compositelist.

API 594 – CHECK VALVES

Certificate of Authority to use the Official API Monogram
License Number: 594-0023 ORIGINAL

The American Petroleum Institute hereby grants to

SAMAMAT FLOW CONTROL L.L.C.
96047 Ware House # 6
Plot # 597-4904 Dubai Investment Park 2
Dubai
United Arab Emirates

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and API-594 and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: 594-0023

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Check Valves - Type B

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: MAY 1, 2018
Expiration Date: MAY 1, 2021

Executive Vice President

American Petroleum Institute

To verify the authenticity of this license, go to www.api.org/compositelist.

CAST STEEL SWING CHECK VALVE

STANDARD FEATURE	
Construction	Bolted Cover, (Pressure Seal Cover can be provided on Request)
Port	Reduced Bore
Disc	One Piece Disc Construction to withstand severe shock and vibration.
Disc Assembly	Non-Rotating disc fastened securely to disc hanger with locknut
Operation	Self-Operating, (Counter Weight option can be provided on Request)

TECHNICAL DATA	
Design	API 594 Type B / BS1868
Design Pressure	ASME B16.34
Body Wall Thickness	ASME B16.34
Face to Face	ASME B16.10
End Connection	ASME B16.5
Testing	API 598 (Other standards upon request)
NACE	MR 0175

Material of Construction for Cast Gate Valves	
Body & Trim Material	Carbon Steel, Stainless Steel, Inconel, Duplex Stainless Steel (Other Material on Request)
Trim Material	All Applicable API Trims available

DESIGN FEATURES OF SWING CHECK VALVE – API 594 / BS 1868

BODY / COVER:

The cast steel body is designed with compliance to API Std. 594/ BS 1868. The body-bonnet flange drilling is spot-faced to exactly meet stud bolt nuts. All covers will be provided with lifting Lugs which will help to handle the valve easily. As an optional large bore valves counter weight, Auxiliary connections and drain points can be provided on the body of the valve as per client requirements.

DISC:

The disc of our swing check valves is designed to provide full bore opening. The disc is given with a round seating surface that has been ground and lapped to a mirror finish. The mating surface can be overlay according to the customer requirement or trim table of API 594.

SEAT:

The standard seat provided by Samamat shall be of same or superior material as of body material and seal welded to body. The mating surface shall be weld overlay according to the Trim table or with Stellite 6 or as per the customer requirement.

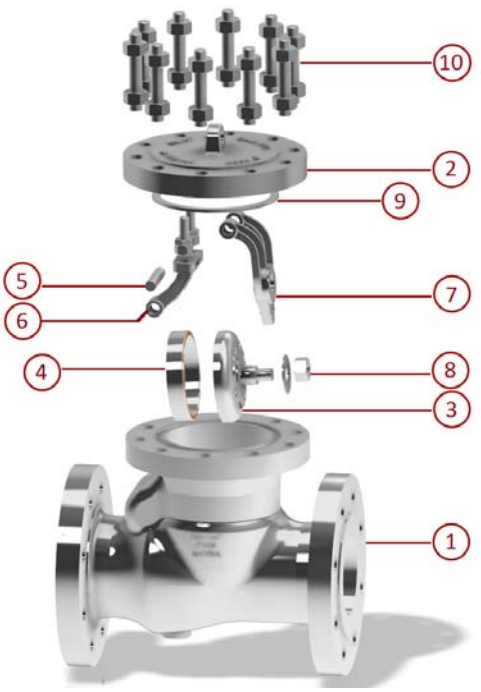
HINGE & HINGE PIN:

The Hinge arm material is identical to the body. Hinge bushing/Bracket is provided in the larger valve sizes to minimize friction and eliminate seizing.

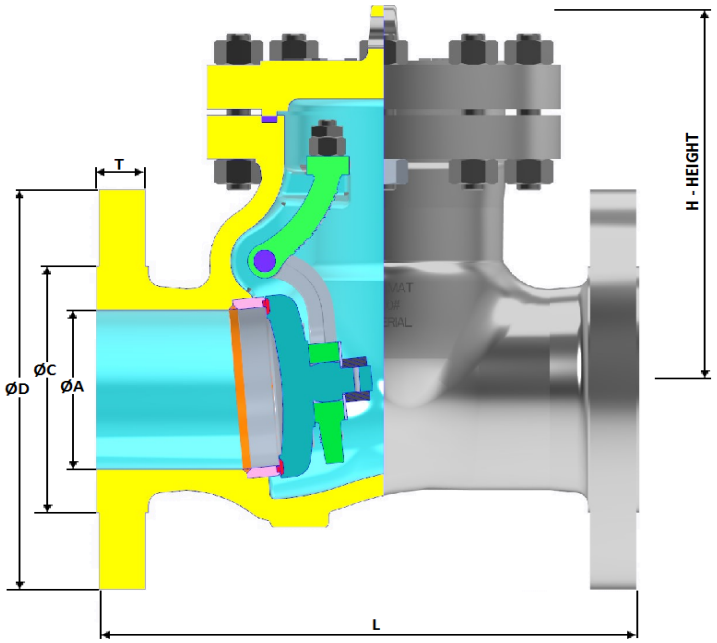
The standard PIN Material will be of forged or Bar form only, and as per Trim Table or customer requirement. The hinge pin is inserted into the valve and held in position by plug.

PART LIST OF CAST STEEL SWING CHECK VALVE

1	BODY
2	COVER
3	DISC
4	SEAT RING
5	HINGE PIN
6	HINGE
7	HINGE BRACKET
8	LOCK NUT
9	GASKET
10	BOLTINGS



DIMENSIONS OF CAST SWING CHECK VALVE:



CLASS 150									All Dimensions are in mm
NPS	L	ØD	ØB	T*	H	FLANGE DETAILS			APPROX. WEIGHT (Kg)
						PCD	HOLE DIA	# OF HOLES	
2"	203	150	92	15.9	115	120.7	19.05	4	15
3"	241	190	127	17.5	165	152.4	19.05	4	25
4"	292	230	157	22.3	190	190.5	19.05	8	40
6"	356	280	216	23.9	230	241.3	22.22	8	65
8"	495	345	270	27	275	298.5	22.22	8	110
10"	622	405	324	28.6	300	362	25.40	12	170
12"	698	485	381	30.2	350	431.8	25.40	12	270
14"	787	535	413	33.4	380	476.3	28.50	12	360
16"	864	595	470	35	420	539.8	28.50	12	445
18"	978	635	534	38.1	450	577.9	31.25	16	565
20"	978	700	584	41.3	500	635	31.75	20	680
24"	1295	815	692	46.1	555	749.3	34.90	20	1130
28''	1448	925	749	69.9	580	863.6	41.27	28	1250
30''	1524	985	800	73.1	628	914.4	41.27	28	1400
36''	1956	1170	965	88.9	882	1085.8	47.7	32	1600

CLASS 300

All Dimensions are in mm

NPS	L	ØD	ØB	T*	H	FLANGE DETAILS			APPROX. WEIGHT (Kg)
						PCD	HOLE DIA	# OF HOLES	
2"	267	165	92.1	20.7	165	127	19.05	8	20
3"	318	210	127	27	200	168.3	22.22	8	38
4"	356	255	157.2	30.2	215	200	22.22	8	55
6"	444	320	215.9	35	275	269.9	22.22	12	120
8"	533	380	269.9	39.7	310	330.2	24.5	12	180
10"	622	445	323.8	46.1	355	387.4	28.5	16	260
12"	711	520	381	49.3	430	450.8	31.75	16	385
14"	838	585	412.8	52.4	440	514.4	31.75	20	535
16"	864	650	469.9	55.6	470	571.5	34.90	20	650
18"	978	710	533.4	58.8	525	628.6	34.90	24	970
20"	1016	775	584.2	62	540	685.8	34.90	24	1220
24"	1346	915	692.2	68.3	790	812.8	41.27	24	1750
28''	1499	1035	800	84.2	850	939.8	45	28	1960
30''	1594	1090	857	90.5	900	997.0	47.6	28	2200
36''	2083	1270	1022	103.2	995	1168.4	54	32	3420

CLASS 600

All Dimensions are in mm

NPS	L	ØD	ØB	T*	H	FLANGE DETAILS			APPROX. WEIGHT (Kg)
						PCD	PCD	# OF HOLES	
2"	292	165	92.1	25.4	185	127	19.05	8	35
3"	356	210	127	31.8	205	168.3	22.22	8	45
4"	432	275	157.2	38.1	250	215.9	25.40	8	95
6"	559	355	215.9	47.7	320	292.1	28.5	12	185
8"	660	420	269.9	55.6	345	349.2	31.75	12	300
10"	787	510	323.8	63.5	430	431.8	34.90	16	520
12"	838	560	381	66.7	546	489	34.90	20	725
14"	889	605	413	69.9	572	527	38.10	20	874
16"	991	685	470	76.2	660	603.2	41.27	20	994
18"	1092	745	533	82.6	720	654	44.45	20	1220
20"	1194	815	584	88.9	746	723.9	44.45	24	1620
24"	1397	940	692	101.6	960	838.2	50.80	24	2120

CLASS 900

All Dimensions are in mm

NPS (ØA)	L	ØD	ØB	T	H	FLANGE DETAILS			APPROX. WEIGHT (Kg)
						PCD	HOLE DIA	# OF HOLES	
2"	368	215	92.1	38.1	296	165.1	25.5	8	70
3"	381	240	127	38.1	300	190.5	28.5	8	100
4"	457	290	157.2	44.5	327	235	32	8	150
6"	610	380	215.9	55.6	441	317.5	32	12	305
8"	737	470	269.9	63.5	502	393.7	38	12	510
10"	838	545	323.8	69.9	664	469.9	38	16	810
12"	965	610	381	79.4	775	533.4	38	20	1120

CLASS 1500

All Dimensions are in mm

NPS (ØA)	L	ØD	ØB	T	H	FLANGE DETAILS			APPROX. WEIGHT (Kg)
						PCD	HOLE DIA	# OF HOLES	
2"	368	215	92.1	38.1	296	165.1	25.5	8	70
3"	470	265	127	47.7	341	203.2	32	8	150
4"	546	310	157.2	54	412	241.3	35	8	245
6"	705	395	215.9	82.6	511	317.5	38	12	550
8"	832	485	269.9	92.1	680	393.7	45	12	1010
10"	991	585	323.8	108	756	482.6	51	12	1550
12"	1130	675	381	123.9	857	571.5	54	16	2280

CLASS 2500

All Dimensions are in mm

NPS (ØA)	L	ØD	ØB	T	H	FLANGE DETAILS			APPROX. WEIGHT (Kg)
						PCD	HOLE DIA	# OF HOLES	
2"	451	235	92.1	51	416	171.4	29	8	150
3"	578	305	127	67	441	228.6	35	8	340
4"	673	356	157.2	76.5	479	273	42	8	670
6"	914	483	215.9	108	511	368.3	54	8	1420
8"	1022	550	269.9	127	711	438.1	54	12	2450
10"	1270	675	323.8	165.5	851	539.7	67	12	3780
12"	1422	760	381	184.2	1000	619.1	72.5	12	5280

*** Including Ra depth of 2mm for CLS 150, 300 & 7mm for CLS 600 and above.**

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

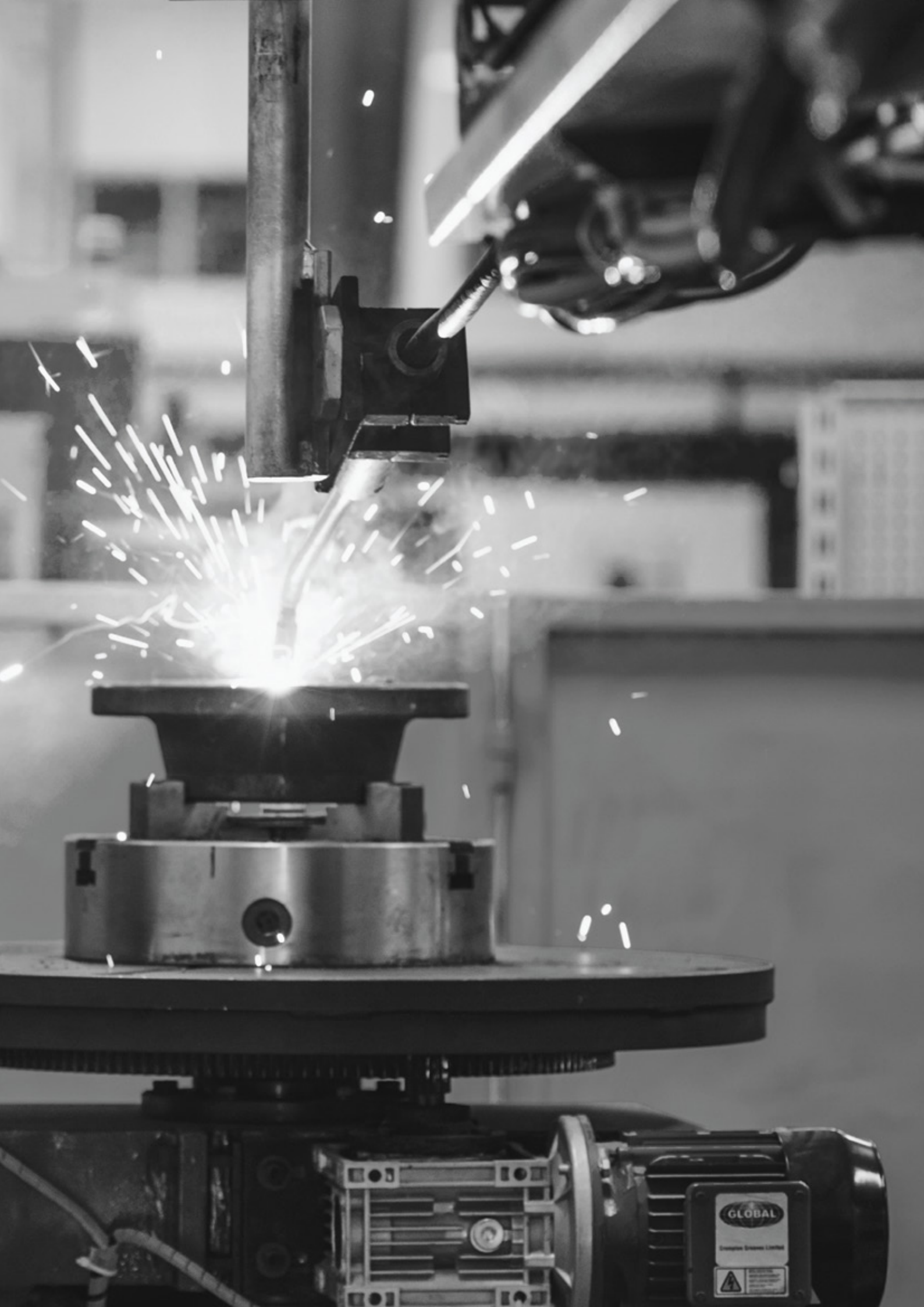
The process is usually applied to increase the availability work sources for Gas Metal Arc Welding (GMAW) & Gas Tungsten Arc Welding (GTAW) cladding of the walls with metal alloys that are more resistant to wear.

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.


GLOBAL

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.


OKUMA OSP-P300L-R
AUTO OPERATION
STIMULATION MIN
PROGRAM SELECT
QUICK EDIT
TRACE/ MATERIAL
MATERIAL DRAWING
CLEAR
AUTO SCALE
SCALE DOWN


SFC-MWM-001

Samamat Flow Control L.L.C.
Warehouse No: 6, Plot No: 597-4904,
Dubai Investments Park 2, Dubai, U.A.E.
P.O. Box: 96047

+971 4 884 2212
+971 4 884 2213

info@samamatuae.com
www.samamatuae.com