



**TRUSTED  
FLOW CONTROL  
SOLUTIONS**



**SKYWIN VALVE PVT LTD**



Call on : +91 98258 45510  
Email : [mkt@skywinvalve.com](mailto:mkt@skywinvalve.com)  
Web site : [www.skywinvalve.com](http://www.skywinvalve.com)





# Company Overview

Skywin Valve Pvt. Ltd. is a professional valve manufacturing and trading combo specializing in R & D, manufacturing and exporting superior industrial valves. Our valves are manufactured according to ANSI, API, DIN, BS and JIS standards. All of them are made under ISO 9001:2015, IBR certified processes.

- Leading Industrial Valve Manufacturing Company
- Expertise & Innovation from a truly global company
- Quality Control System, 100% Satisfaction Guarantee
- Highly Professional Staff, Accurate Testing Processes



## Our Mission

Our mission is to be globally competitive in a highly volatile market. We aim to be the go-to global industrial valve supplier, particularly for valves used in critical industries



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# Industries

## that we serve



# Quality Assurance

We understand that part of being globally competitive is to provide continuous quality control and supervision. Our on-site plant is equipped with testing machines that will ensure that each valve we release is the best.

- PMI Testing
- Material Testing Machine
- Thickness Gauge Machine
- Impact Testing Machine
- Magnetic Particles Machine
- SRV/PRV Hydro Testing
- Hardness Tester
- NDT Test Equipment





# Our Foundry RAJ ENGINEERS



**Raj Engineers** was incorporated in 2006 by qualified and highly experienced foundry engineers. The foundry is situated in the part of Ahmedabad city at distance of 10km. From Ahmedabad railway station and 10km. From airport. The foundry is constructed in an plot area of 1980 sq.yards with a working area of 1800 sq. Yards, and has full facilities to produce radiography quality steel/alloy steel and stainless steel industrial and valve casrings, the main production being valve castings. Quality of castings is controlled by well drawn quality plan and system main led by qualified people to make R. G. Quality castings.

Ball Valve Castings. Check Valve Castings. Butterfly Valve Castings. Gate Valve Castings  
Globe Valve Castings. Knife Gate Valve Castings. Strainer Valve Castings. Engineering Castings  
Safety Valve Castings. Super Duplex Steel Castings. Aluminum Bronze Castings. Pump Castings

## Type of Castings

- ▶ All types of valve castings such as Safety Valve / Gate Valve / Globe Valve / Check Valve / Ball Valve / Strainers etc.
- ▶ Pump castings
- ▶ SS castings for refineries, fertilizers and chemical plants
- ▶ Tooth point and hammer castings for mining, earth moving and construction equipments (Abrasion Resistant)

## Rating of Valve Castings as per API Specification

- ▶ 150# upto size 24" and 300# upto 20"
- ▶ 600# upto size 14" we also make castings
- ▶ upto 5000# psi rating in smaller sizes

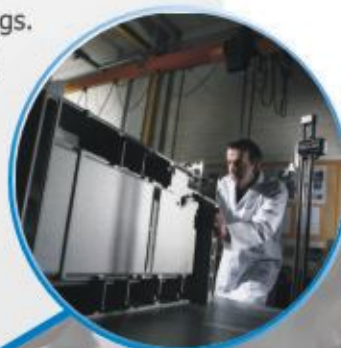
## Foundry Details & Facilities

- ▶ Nedium frequency induction melting furnace with 1200kg. & 500kg. Crucibles.
- ▶ Auto mix no-back moulding with oil and no-back cores.
- ▶ Full flanged chemical lab & physics laboratory with 20 ton UTM.
- ▶ Electric heat treatment furnace, trolley type with 9 point temp. Recorder & water quenching facility.
- ▶ Shot blasting machine 72" two table.
- ▶ Over head cranes 5T, 5T.
- ▶ Knockout machine.
- ▶ In-house impact ISO machining.
- ▶ Work with ERP foundry software (CBS)

## Approvals

Our foundry is approved by following inspection agencies for making R. G. Quality valve castings.

- ISO • IBR (Well Known) • PED • NORSOK
- NPCIL • L&T • TATA PROJECTS LTD
- PETROFAC • LINDE INDIA
- TUV • ABS • ICS • GL • EIL • DNY
- ONGC • RINA • BVIL







### Approved List :



### Our Valuable Clients :



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## CONVENTIONAL SAFETY RELIEF VALVE - SV 40



OPEN BONNET



CLOSE BONNET

- **SIZE** - 1" x 2" THRU 10" x 12"
- **RATING** - 150# x 150# THRU 2500# x 300#
- **END CONNECTION** - FLANGE END
- **MEDIA** - AIR, GAS, LIQUID, STEAM, WATER, OIL
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M, SUPER DUPLEX, ALLOY STEEL
- **ORIFICE DESIGNATION** - D THRU T



## THERMAL RELIEF VALVE



SVT - 20



SVT - 22

- **SIZE** - 1/2" THRU 2"
- **RATING** - 150# AND 300# AND 600#
- **END CONNECTION** - FLANGE END, SCREWED END
- **MEDIA** - AIR, GAS, STEAM, LIQUID (WATER, OIL)
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M, SUPER DUPLEX, ALLOY STEEL
- **ORIFICE DESIGNATION** - D THRU G



# PILOT OPERATED PRESSURE RELIEF VALVE (SV-41/P)



- **SIZE** - 1" x 1" THRU 8" x 10"
- **RATING** - 150# x 150# AND 300# x 300#
- **END CONNECTION** - FLANGE END AND SCREWED END
- **MEDIA** - GAS, STEAM, AIR, WATER, OIL
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M, SUPER DUPLEX, ALLOY STEEL
- **ORIFICE DESIGNATION** - F THRU R



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## PILOT OPERATED SAFETY RELIEF VALVE (SV-41)

- **SIZE-** 1" x 2" THRU 8" x 10"
- **RATING-** 150# x 150# THRU 2500# x 300#
- **END CONNECTION-** FLANGE END
- **MEDIA-** AIR, GAS, LIQUID, STEAM
- **MATERIAL-** WCB, CF8, CF8M, CF3, CF3M,  
SUPER DUPLEX, ALLOY STEEL
- **ORIFICE DESIGNATION-** D THRU T



## TESTING FACILITY





## PRESSURE REDUCING VALVE (SV - 101)

- **SIZE** - 1/2" TO 8"
- **PRESSURE CLASS** - 150 # TO 900 #
- **TEMPERATURE RANGE** - -40 DEG C TO 400 DEG C
- **MEDIA** - STEAM, AIR, GAS, LIQUID, WATER
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M,  
SUPER DUPLEX, ALLOY STEEL
- **MAX. INLET PRESSURE** - 25 TO 1500 PSI-G
- **MAX. OUTLET PRESSURE** - 0 TO 600 PSI-G



## PRESSURE REDUCING VALVE (SV - 111)



- **SIZE** - 1/2" TO 8"
- **PRESSURE CLASS** - 150 # TO 300 #
- **TEMPERATURE RANGE** - -40 DEG C TO 120 DEG C
- **MEDIA** - AIR, GAS, WATER
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M,  
SUPER DUPLEX, ALLOY STEEL
- **MAX. INLET PRESSURE** - 5 TO 150 PSI-G
- **MAX. OUTLET PRESSURE** - 15 MMWC TO 100 PSI-G





## PRESSURE RELIEF VALVE - ACV (SV - 161)

- **SIZE** - 1" TO 24"
- **PRESSURE CLASS** - 150 # & 300 #
- **TEMPERATURE RANGE** - - 40 DEG C TO 120 DEG C
- **MEDIA** - ANY LIQUID SERVICE
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M,  
SUPER DUPLEX, ALLOY STEEL
- **MAX. WORKING PRESSURE** - 300 PSI-G



## PRESSURE REDUCING VALVE -ACV (SV - 151)



- **SIZE** - 1" TO 24"
- **PRESSURE CLASS** - 150 # & 300 #
- **TEMPERATURE RANGE**- - 40 DEG C TO 120 DEG C
- **MEDIA** - ANY LIQUID SERVICE
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M,  
SUPER DUPLEX, ALLOY STEEL
- **MAX. INLET PRESSURE** - 300 PSI-G
- **MAX. OUTLET PRESSURE** - 0 TO 150 PSI-G





## DELUGE VALVE - ACV (SV - 171)

- **SIZE** - 1" TO 24"
- **PRESSURE CLASS** - 150 # & 300 #
- **TEMPERATURE RANGE** - - 40 DEG C TO 120 DEG
- **MEDIA** - ANY LIQUID SERVICE
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M,  
SUPER DUPLEX, ALLOY STEEL
- **MAX. WORKING PRESSURE** - 300 PSI-G



## MODULATING FLOAT VALVE -ACV (SV - 201)

- **SIZE** - 1" TO 24"
- **PRESSURE CLASS** - 150 # & 300 #
- **TEMPERATURE RANGE**- - 40 DEG C TO 120 DEG C
- **MEDIA** - ANY LIQUID SERVICE
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M,  
SUPER DUPLEX, ALLOY STEEL
- **MAX. INLET PRESSURE** - 300 PSI-G
- **MAX. OUTLET PRESSURE** - 0 TO 150 PSI-G





## GLOBE TYPE CONTROL VALVE



**PCV-181**



**PCV-182**

- **SIZE**– 15MM TO 200MM
- **RATING**– 150#, 300#, 600#
- **END CONNECTION** FLANGE END
- **MEDIA**– GAS, STEAM, LIQUIDS
- **MATERIAL**– WCB, CF8, CF8M, CF3, CF3M, SUPER DUPLEX, ALLOY STEEL
- **CHARACTERISTICS**– Linear / Equal % / Quick Open / Metering Pin

## MOTORIZED CONTROL VALVE (MCV-183)



- **SIZE**- 15MM TO 200MM
- **RATING**- 150#, 300#, 600#
- **END CONNECTION** FLANGE END
- **MEDIA**- GAS, STEAM, LIQUIDS
- **MATERIAL**- WCB, CF8, CF8M, CF3, CF3M, SUPER DUPLEX, ALLOY STEEL
- **CHARACTERISTICS** Siner / Equal % / Quick Open / Metering Pin





## GAS SKID



## PRESSURE REDUCING STATION



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## PISTON SENSING PRESSURE REGULATORS (SV-141)

- **SIZE** - 1/4" TO 1"
- **TEMPERATURE RANGE** - UP TO 400 DEG C
- **MEDIA** - AIR, GAS
- **MATERIAL** - SS 304, SS 316, SS 304L, SS 316L
- **MAX. INLET PRESSURE** - 232 to 10,150 PSI-G  
(16.0 to 700 BAR-G)
- **PRESSURE CONTROL RANGE** - 0 to 10 psig (0.68 bar)  
through 0 to 10150 psig (700 bar)



## TWO STAGE PRESSURE REGULATORS (SV-100)



- **SIZE** - 1/4" TO 1"
- **TEMPERATURE RANGE** - UP TO 400 DEG C
- **MEDIA** - AIR, GAS
- **MATERIAL** - SS 304, SS 316, SS 304L, SS 316L
- **MAX. INLET PRESSURE** - 3600 PSI-G WITH PTFE  
6000 PSI-G WITH PEEK
- **PRESSURE CONTROL RANGE** - 0 to 10 psig  
(0.68 bar) through 0 to 500 psig (34.4 bar)







## PRESSURE REDUCING VALVE (SV - 121)

- **SIZE** - 1/4" TO 2"
- **PRESSURE CLASS** - 150 # TO 300 #
- **TEMPERATURE RANGE** - -40 DEG C TO 120 DEG C
- **MEDIA** - AIR, GAS, LIQUID
- **MATERIAL** - WCB, CF8, CF8M, CF3, CF3M,  
SUPER DUPLEX, ALLOY STEEL
- **MAX. INLET PRESSURE** - UP TO 400 PSI-G
- **MAX. OUTLET PRESSURE** - 2 TO 250 PSI-G



## DIAPHRAGM SENSING PRESSURE REGULATORS (SV-131)



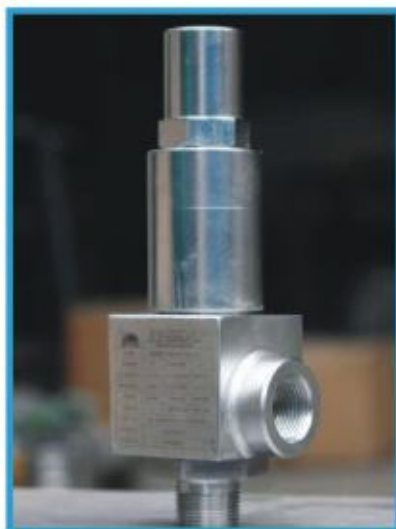
- **SIZE** - 1/4" TO 1"
- **TEMPERATURE RANGE** - UP TO 400 DEG C
- **MEDIA** - AIR, GAS
- **MATERIAL** - SS 304, SS 316, SS 304L, SS 316L
- **MAX. INLET PRESSURE** - 3600 PSI-G WITH PTFE  
6000 PSI-G WITH PEEK
- **PRESSURE CONTROL RANGE** - 0 to 10 psig (0.68 bar)  
through 0 to 500 psig (34.4 bar)



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# PHOTO GALLERY



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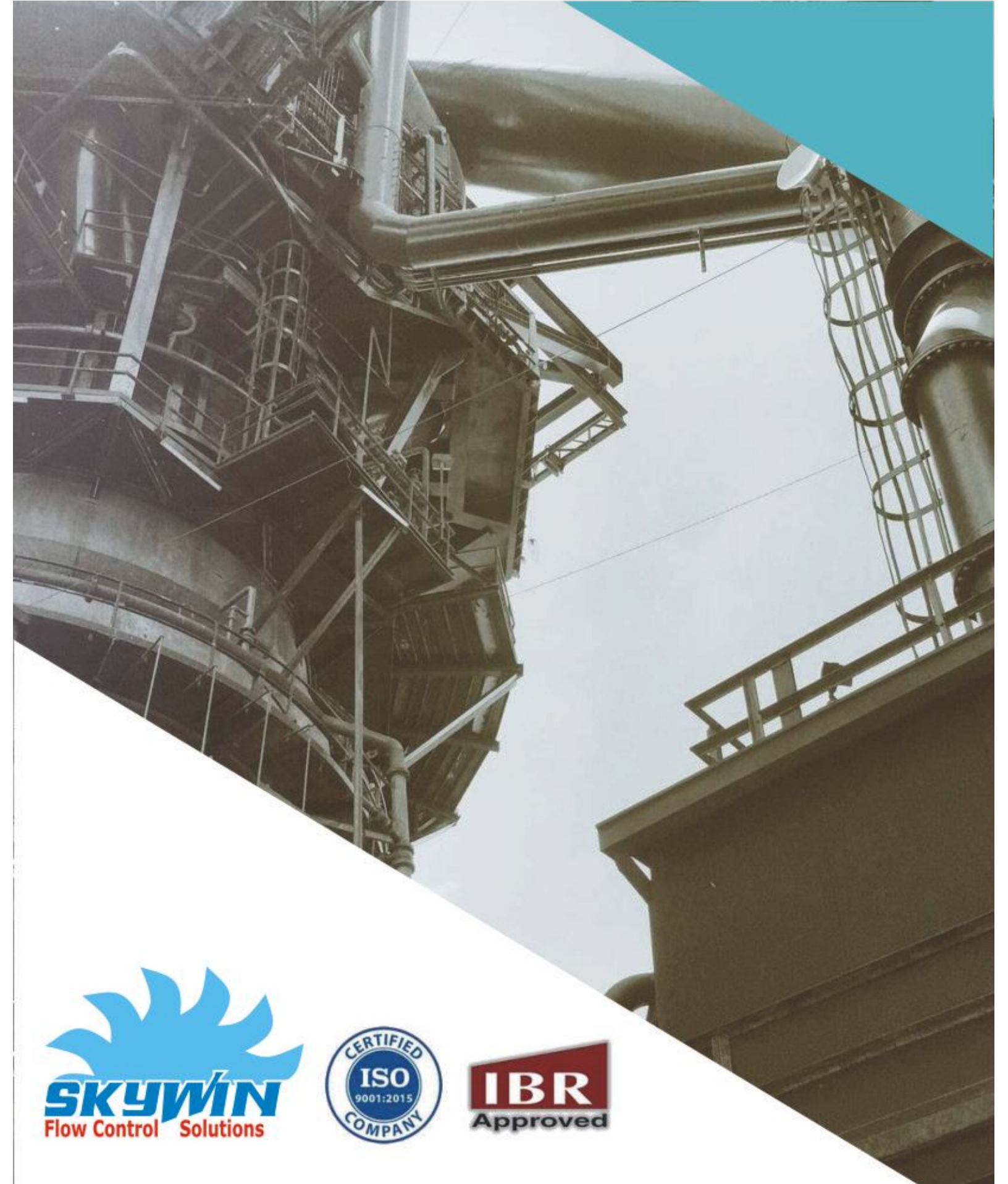




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