



**SHREEMARUTI INSTRUMENTS PUT. LTD.**

**ADNOC & EIL Certified Company**



## **SMIPL Company Overview**



**"Empowering Business Collaborations: Our Capabilities & Expertise"**

**"We monitor, control, and ensure the safety of processes and the environment."**

**SMIPL is committed to "Empowering Excellence: Delivering Reliable, Accurate, and Innovative Instruments for Superior Performance."**



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# SHREEMARUTI INSTRUMENTS PVT. LTD.

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## SMIPL's Company Information & Personnel Overview



### Shreemaruti instruments Pvt Ltd (SMIPL)

- **Founded:** 2015
- **Headquarters:** Vapi, Gujarat, India
- **Core Services:** High-quality instrumentation and fluid process components for the Oil & Gas, Pharmaceuticals, Petrochemicals, and related industries
- **Key Products:** Valves, Fittings, Pressure Gauges, and related accessories
- **Certifications:** ISO certified, ADNOC Abu Dhabi and EIL approved
- **Global Partnerships:** Collaborates with leading global companies
- **Website:** [www.smiplvapi.com](http://www.smiplvapi.com) / [www.smiplindia.in](http://www.smiplindia.in)
- **Address:** Royal Ind. Hub, Plot No. 15 NH-8, Opp. (JRF UPL) VAPI, Gujarat, Pin 396105

### Personnel Overview Category-wise

### Details

Factory Size	5000 Sq ft
Head Office and Factory	6250 Sq ft
Personnel	Total 40 Persons
Board of Directors	3 Persons
General Administration	4 Persons
Sales Domestic	3 Persons
Sales Overseas	2 Persons
Design / R&D	2 Persons
Procurement	1 Persons
QA & QC	3 Persons
Production	22 Persons



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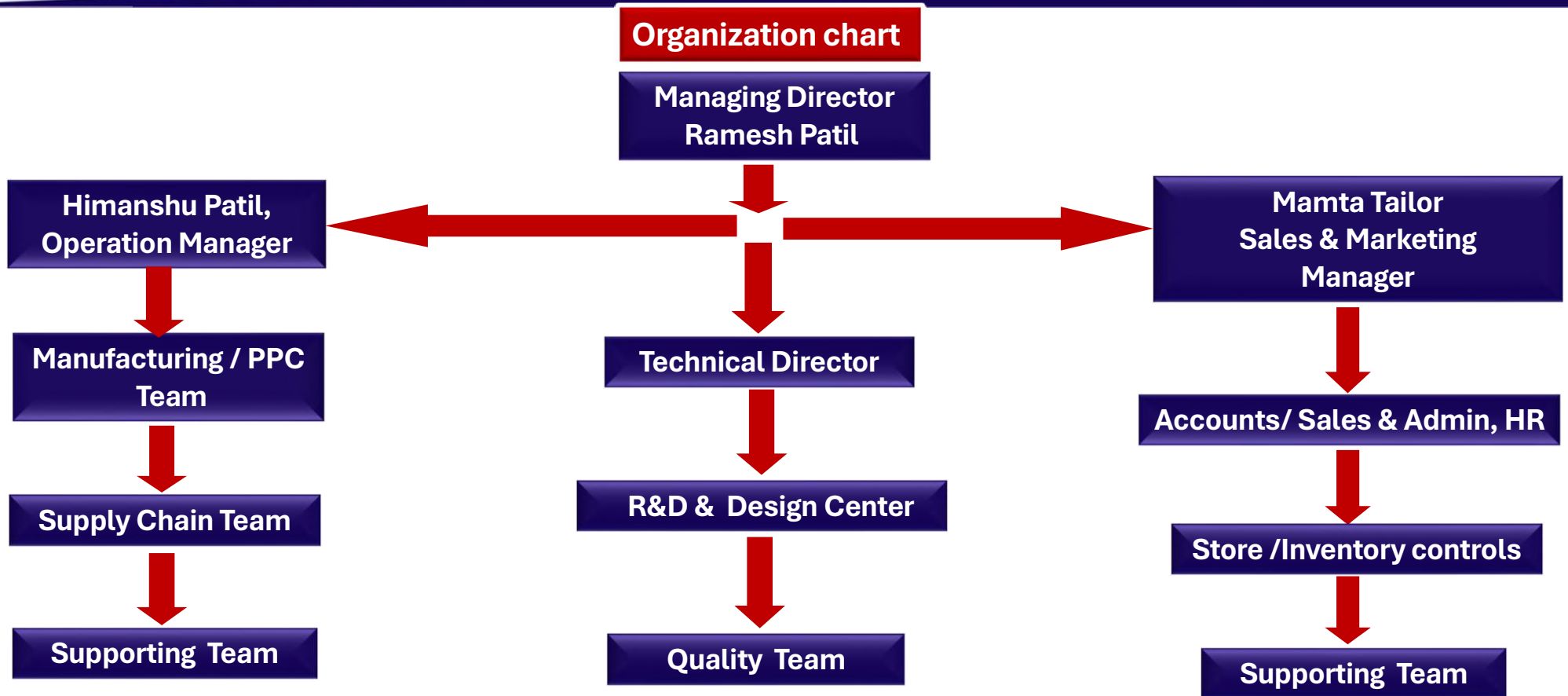


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## "Empowering Progress: Our Vision, Mission & Aim"

**Mission:** *"To deliver exceptional instrumentation and fluid process solutions that empower industries to operate with precision, efficiency, and sustainability. We aim to be the trusted partner for our clients by offering high-quality products, cutting-edge technology, and unparalleled customer service. We focus on fostering long-term relationships while ensuring continuous innovation and expanding our presence in global markets."*

**AIM** *"To become the global leader in instrumentation and fluid process solutions by continuously advancing our product offerings and expanding our market presence. We aim to build long-lasting partnerships, drive operational excellence, and contribute to a sustainable future through eco-friendly practices. We are committed to reaching key international markets, particularly the Americas, Europe, and the Gulf countries, by 2025."*

**Vision:** *"To become the preferred manufacturer in the international market, primarily focusing on the Americas, Europe, and Gulf Countries, by 2025. We aim to achieve this by expanding our market presence, delivering high-quality products, and establishing long-term partnerships that drive sustainable growth and innovation."*

### **Expansion & Growth Goals:**

Market Expansion: "Targeting growth in the Americas, Europe, and Gulf regions."

Long-Term Partnerships: "Establishing strategic, value-driven partnerships."

Customer Excellence: "Continuously enhancing satisfaction through tailored solutions."

Sustainability Commitment: "Incorporating sustainable practices in all our processes."

Technological Leadership: "Delivering cutting-edge, precise solutions for global industries."



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## Key Capabilities & Expertise

Sr. No	Capability Area	Expertise & Strengths
1	<b>Testing &amp; Validation</b>	<ul style="list-style-type: none"> <li>- SCADA-based testing systems for precision.</li> <li>- Specialized in leak, pressure, and vibration tests for critical systems.</li> </ul>
2	<b>Quality Assurance</b>	<ul style="list-style-type: none"> <li>- ISO-certified processes for consistent quality.</li> <li>- 100% leak testing for all and fittings before dispatch.</li> </ul>
3	<b>Engineering Expertise</b>	<ul style="list-style-type: none"> <li>- Advanced design solutions tailored to client needs.</li> <li>- Expertise in fluid and gas process components for reliability.</li> </ul>
4	<b>Compliance &amp; Standards</b>	<ul style="list-style-type: none"> <li>- Adherence to global standards like MSS-SP-99 and ASTM F1387.</li> <li>- Strict compliance with ADNOC and EIL certifications.</li> </ul>
5	<b>Product Excellence</b>	<ul style="list-style-type: none"> <li>- High-quality valves, fittings, and gauges optimized for performance.</li> <li>- Custom solutions for Oil &amp; Gas, Pharma, and more.</li> </ul>
6	<b>Material Innovation</b>	<ul style="list-style-type: none"> <li>- Sourcing high-grade materials for extreme conditions.</li> <li>- Expertise in corrosion-resistant alloys and precision welding.</li> </ul>
7	<b>R&amp;D and Design Capabilities</b>	<ul style="list-style-type: none"> <li>- Continuous improvement through research and testing.</li> <li>- In-house design team for custom engineering solutions.</li> </ul>
8	<b>Client Support</b>	<ul style="list-style-type: none"> <li>- End-to-end support from design to post-deployment.</li> <li>- On-time delivery and excellent service.</li> </ul>
9	<b>Industry Reach</b>	<ul style="list-style-type: none"> <li>- Serving diverse industries: Oil &amp; Gas, Petrochemicals, Pharmaceuticals, Energy.</li> <li>- Partnerships with leading global brands.</li> </ul>
10	<b>Global Certifications</b>	<ul style="list-style-type: none"> <li>- ISO, EIL, ADNOC, and other accreditations.</li> <li>- Dedicated focus on safety and reliability in critical applications.</li> </ul>



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## System Credentials



**ISO9001-2015**

- QA CERTIFICATION
- EIL Approved
- ISO-9001-2015
- ISO-14001-2015
- OHSAS 18001-2007
- NSIC Approved
- PED 2014/68/EU SEP
- CE Marking
- IEC Approved
- MSME Approved



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### SMIPL's Production and Business Scope"

S. No.	Product	Model	Size	Work (psi)	HSN Code	Material Grades
1	Needle Valve (All Types)	SMNV1FF, SMNV1MF, SMNV1MM, SMNV2FF, SMNV2MF, SMNV2MM, SMNV3FF, SMNV3MF, SMNV3MM, SMNV4FF, SMNV4MF	1/8" to 1", 6 mm to 12 mm	1,000 to 15,000	90268090	SS 316, SS 304, CS, MS, Monel 400, Monel 500, Inconel 625, Inconel 825, Titanium, Hastelloy C276
2	Industrial Valve & Multiport Valve	SMGV1MF, SMGV1FF, SMGV2MF, SMGV2FF, SMGV3MF, SMGV3FF, SMGV4G12, SMGV4N12	1/2" to 4"	100 to 10,000	90268090	SS 316, SS 304, CS, MS, Monel 400, Monel 500, Inconel 625, Inconel 825, Titanium, Hastelloy C276
3	Pressure & Temperature Gauges	SMPG, SMTG	1/4" to 1/2"	1,500 to 6,000	90268090	SS 316, SS 304, Monel, Inconel
4	Pressure Gauge Accessories	Siphon, Snubber, Overload Protector, Gauge Saver, Dampener, Adapters, and Mounting Brackets	Compatible with 1/4" to 1/2"	Up to 6,000	90268090	SS 316, SS 304, Brass, CS
5	Manifold Valve (2, 3, 4, 5 Way)	SM2VMRF1, SM2VMRF2, SM2VMRF3, SM3VMRDP-1, SM3VMRDP-2, SM5VMD1, SM5VMD2, SM5VMDT	1/2", 1/4"	1,000 to 6,000	90268090	SS 316, SS 304, Monel, Hastelloy
6	Ball Valves	SMBV1FF, SMNV1MF, SMBV2FF, SMBV2MF	1/4" to 1"	1,000 to 10,000	90268090	SS 316, SS 304, CS, MS
7	Gauge Cocks / Syphon / Thermowell	SMGC1FF, SMGC1MF, SMGC1FFF, SMGC1MMM	1/4" to 1/2"	100 to 1,500	90268090	SS 316, SS 304, Hastelloy
8	Tube Fittings / Flushing Rings	Male Connector, Female Connector, Equal Union, Plug, Union Elbow, Tee, Cross, Adapter, Reducing Bushing, etc.	1/4" to 1"	100 to 6,000	90268090	SS 316, SS 304, Monel, Titanium, Inconel



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## Valve Manifold & Ball Valve Needle Valve Technical Overview

Parameter	Valve Manifold	Ball Valve	Needle Valve
<b>Key Features</b>	<ul style="list-style-type: none"> <li>- Compact, space-efficient design</li> <li>- Integrated pressure/flow control</li> <li>- High temp/pressure compatibility</li> </ul>	<ul style="list-style-type: none"> <li>- Smooth operation with minimal flow resistance</li> <li>- Corrosion-resistant</li> <li>- Various sizes &amp; pressure ratings</li> </ul>	<ul style="list-style-type: none"> <li>- Precision flow control for low-flow systems</li> <li>- Leak-tight metal-to-metal sealing</li> <li>- Suitable for high pressure</li> </ul>
<b>Applications</b>	<ul style="list-style-type: none"> <li>- Process control systems</li> <li>- Hydraulic systems</li> <li>- Gas distribution systems</li> </ul>	<ul style="list-style-type: none"> <li>- Oil &amp; gas</li> <li>- Water distribution</li> <li>- Chemical industries</li> </ul>	<ul style="list-style-type: none"> <li>- Instrumentation panels</li> <li>- Laboratory settings</li> <li>- High-pressure sampling systems</li> </ul>
<b>Material Options</b>	Stainless Steel, Alloy	Brass, Stainless Steel, Alloy	Stainless Steel, Brass
<b>Temperature Range</b>	-40°C to 400°C	-50°C to 250°C	-40°C to 500°C
<b>Pressure Rating</b>	Up to 6000 psi	Up to 3000 psi	Up to 10,000 psi
<b>Why Choose SMIPL Valves?</b>	<ul style="list-style-type: none"> <li>- Superior engineering</li> <li>- Custom solutions</li> <li>- Trusted by global clients</li> </ul>	<ul style="list-style-type: none"> <li>- Reliable performance</li> <li>- High durability</li> </ul>	<ul style="list-style-type: none"> <li>- Precise control</li> <li>- Robust for extreme conditions</li> </ul>



## Tube Fittings Technical Overview

S. No.	Type of Fitting	Available Sizes	Material	Pressure Rating (psi)	Features/Applications
1	<b>Male Connector</b>	1/8" to 2", 6mm to 50mm	SS 316, SS 304, Brass, Carbon Steel, Monel 400, Inconel 625	Up to 10,000	Leak-proof connection, suitable for instrumentation and hydraulic systems
2	<b>Female Connector</b>	1/8" to 2", 6mm to 50mm	SS 316, SS 304, Brass, Carbon Steel	Up to 10,000	High-pressure tolerance, ideal for industrial piping systems
3	<b>Union</b>	1/8" to 2", 6mm to 50mm	SS 316, SS 304, Brass	Up to 10,000	Ensures reliable joining of tubes
4	<b>Bulkhead Union</b>	1/8" to 2", 6mm to 50mm	SS 316, SS 304	Up to 10,000	Provides robust bulkhead connections
5	<b>Elbows (Male/Female/Union)</b>	1/8" to 2", 6mm to 50mm	SS 316, SS 304, Monel 400	Up to 10,000	Facilitates directional changes in tubing
6	<b>Tees (Equal/Male/Female/Run)</b>	1/8" to 2", 6mm to 50mm	SS 316, SS 304, Brass	Up to 10,000	For branching in tubing networks
7	<b>Cross</b>	1/8" to 2", 6mm to 50mm	SS 316, SS 304	Up to 10,000	Allows four-way tubing connection
8	<b>Adapter/Reducing Bushing</b>	1/8" to 2", 6mm to 50mm	SS 316, Brass	Up to 10,000	Used for size conversions or adapting fittings
9	<b>Caps and Plugs</b>	1/8" to 2", 6mm to 50mm	SS 316, SS 304	Up to 10,000	Protects open tube ends from damage or contamination
10	<b>Gauge Adapter &amp; Swivel Joint</b>	1/8" to 2", 6mm to 50mm	SS 316	Up to 10,000	For secure installation of gauges



## Design & Development Process - New R&D

Stage/Component	Description	Key Activities	Tools/Technologies
<b>Conceptualization (Innovation)</b>	Initial phase of understanding market needs, generating ideas, and analyzing feasibility.	<ul style="list-style-type: none"> <li>- Market Research</li> <li>- Idea Generation</li> <li>- Feasibility Study</li> </ul>	<ul style="list-style-type: none"> <li>- Surveys</li> <li>- Brainstorming sessions</li> </ul>
<b>Design Phase (Technology)</b>	Designing the product using CAD and prototyping to test ideas.	<ul style="list-style-type: none"> <li>- CAD Modeling</li> <li>- Prototype Development</li> <li>- Design Testing &amp; Iterations</li> </ul>	<ul style="list-style-type: none"> <li>- CAD Software</li> <li>- Prototyping tools</li> </ul>
<b>Development &amp; Testing</b>	Building and testing prototypes to refine the design.	<ul style="list-style-type: none"> <li>- Prototype Manufacturing</li> <li>- Quality Testing</li> <li>- Customer Feedback Integration</li> </ul>	<ul style="list-style-type: none"> <li>- Simulation Software</li> <li>- Testing equipment</li> </ul>
<b>Final Production &amp; Launch</b>	Finalizing the design, initiating mass production, and launching the product.	<ul style="list-style-type: none"> <li>- Final Design Approval</li> <li>- Mass Production</li> <li>- Marketing &amp; Launch Planning</li> </ul>	<ul style="list-style-type: none"> <li>- Manufacturing Tools</li> <li>- Marketing Platforms</li> </ul>
<b>Feedback</b>	Continuously improving products based on customer and team feedback.	<ul style="list-style-type: none"> <li>- Customer surveys</li> <li>- Internal reviews</li> </ul>	<ul style="list-style-type: none"> <li>- Feedback systems</li> <li>- Surveys</li> </ul>
<b>Challenges (Time-to-Market)</b>	Managing tight deadlines for product launch.	<ul style="list-style-type: none"> <li>- Prioritizing critical features</li> <li>- Agile Development</li> </ul>	<ul style="list-style-type: none"> <li>- Time management tools</li> <li>- Agile Frameworks</li> </ul>
<b>Reliability &amp; Safety</b>	Ensuring products are safe and reliable for end users.	<ul style="list-style-type: none"> <li>- Quality assurance testing</li> <li>- Compliance with standards</li> </ul>	<ul style="list-style-type: none"> <li>- Testing rigs</li> <li>- Compliance tools</li> </ul>
<b>Technology Integration</b>	Challenges in integrating new technologies with existing systems.	<ul style="list-style-type: none"> <li>- Cross-functional collaboration</li> <li>- Modular design</li> </ul>	<ul style="list-style-type: none"> <li>- Integration platforms</li> <li>- Collaboration tools</li> </ul>
<b>Cost vs Innovation</b>	Balancing cost efficiency with the need for innovative solutions.	<ul style="list-style-type: none"> <li>- Lean development</li> <li>- Outsourcing for cost-effective solutions</li> </ul>	<ul style="list-style-type: none"> <li>- Lean tools</li> <li>- Outsourcing platforms</li> </ul>

## Manufacturing Process flow

Title	Manufacturing Process
<b>Overview</b>	The manufacturing process involves the creation of products, managing production workflows, and ensuring that production activities meet quality standards.
<b>Steps Involved</b>	<ol style="list-style-type: none"> <li>1. Product Design &amp; Prototyping: Initial design and prototype production.</li> <li>2. Material Procurement: Sourcing raw materials and components.</li> <li>3. Production Planning: Creating detailed work schedules.</li> <li>4. Manufacturing/Assembly: Assembly of components, fabrication, and machining.</li> <li>5. Inspection &amp; Testing: Ensuring product quality at different stages of production.</li> <li>6. Packaging &amp; Dispatch: Final product packaging and shipping to customers.</li> <li>7. Post-Production Feedback: Collecting customer feedback for improvements.</li> </ol>
<b>Key Parameters</b>	1. Production Lead Time 2. <b>Cycle Time</b> 3. Efficiency 4. <b>Cost Control</b> 5. Resource Allocation
<b>Tools/Techniques</b>	<ol style="list-style-type: none"> <li>1. Lean Manufacturing</li> <li>2. Six Sigma</li> <li>3. Automated Systems</li> <li>4. ERP (Enterprise Resource Planning)</li> </ol>
<b>Challenges</b>	<ol style="list-style-type: none"> <li>1. Material Shortages</li> <li>2. Supply Chain Disruptions</li> <li>3. Production Delays</li> <li>4. Equipment Failures</li> </ol>
<b>Outcome</b>	High-quality products delivered on time, meeting customer satisfaction and regulatory standards.



## SMIPL Test Program / Sequencing of In-House Tests

Section	Details												
<b>Introduction</b>	The following tests are routinely conducted on our SCADA-based in-house test bench. Each test is designed and programmed to eliminate any leakage or safety hazards in fluids and gas systems. Using calibrated measuring tools assures reliable test results.												
<b>In-House Tests</b>	<table border="0"> <tr> <td>1. Pneumatic proof test</td> <td>7. Rotary flex test</td> </tr> <tr> <td>2. Hydrostatic proof test</td> <td>8. Elevated Temperature Test</td> </tr> <tr> <td>3. Hydrostatic burst test</td> <td>9. Flex fatigue test</td> </tr> <tr> <td>4. Impulse test</td> <td>10. Helium leak test (Outsource)</td> </tr> <tr> <td>5. Repeated assembly test</td> <td>11. Vacuum Test</td> </tr> <tr> <td>6. Pull Out Test</td> <td>12. Vibration Test</td> </tr> </table>	1. Pneumatic proof test	7. Rotary flex test	2. Hydrostatic proof test	8. Elevated Temperature Test	3. Hydrostatic burst test	9. Flex fatigue test	4. Impulse test	10. Helium leak test (Outsource)	5. Repeated assembly test	11. Vacuum Test	6. Pull Out Test	12. Vibration Test
1. Pneumatic proof test	7. Rotary flex test												
2. Hydrostatic proof test	8. Elevated Temperature Test												
3. Hydrostatic burst test	9. Flex fatigue test												
4. Impulse test	10. Helium leak test (Outsource)												
5. Repeated assembly test	11. Vacuum Test												
6. Pull Out Test	12. Vibration Test												
<b>Additional Details</b>	These tests are conducted regularly during production. Test sizes for fittings are determined per the ISO QA Manual and random SPC/SQC procedures. Valves are 100% tested for leakage across seats and sealed before delivery. Sampling follows the manufacturer's standards described in the QA manual.												
<b>Standards</b>	We also refer to MSS-SP-99 and ASTM F 1387, the latest edition.												





**Type of Needle Valve**



**Multiport  
Needle Valve**



**Gauge Root  
Valve**



**Angle T Valve**



**OD Needle Valve**



**OD Tube Needle Valve**



**High pressure  
Needle Valve**



**High pressure  
Needle Valve**



**Angle  
Needle Valve**



**Socket weld  
Needle Valve**



**Straight  
Needle Valve**



## OUR PRODUCTS OVERVIEW

### Valve Manifold

- Maximum Working Pressure to 6000psi (414bar) at 100°F (38°C)
- Working Temperature from -65°F (-54°C) to 464°F (240°C)
- 316 Stainless Steel
- Remote or direct mounting
- Diversity of configuration for application to differential pressure, level and transmitters
- Color caps to identify valve function
- Non rotating stem tip



### Distribution Valves

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -65°F (-54°C) to 464°F (240°C)
- 316 Stainless Steel
- Optimize setting of the main pipe and branch. Quantity of outlet connections are available from 4 to 12
- Adjustable PTFE packings
- Non Rotating stem tip
- Sizes: 1/2"~1" pipe thread

### Mini Valves

- Maximum Working Pressure to 3000 psi (210bar) at 100°F (38°C)
- Working Temperature from -22°F (-30°C) to 392°F (200°C)
- 316 Stainless Steel, Carbon Steel
- Standard with Viton O-Rings
- Optional with PTFE packed stem
- Compact installation
- T bar handle on hard seat
- Knurled round handle on POM seat
- Sizes: 1/8", 1/4" pipe thread



## OUR PRODUCTS OVERVIEW



### Square Bar Stock Needle Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -22°F (-30°C) to 392°F (200°C)
- 316 Stainless Steel, Carbon Steel
- Viton O-rings
- Non Rotating stem tip
- Optional panel mountable
- Sizes: 1/8"~1/2" pipe thread



### High Pressure Needle Valve

- Maximum Working Pressure to 10000 psi (689bar) at 100°F (38°C) on metal seated valve
- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C) on POM soft seated valve
- Working Temperature: up to 464°F (240°C) with PTFE packings up to 842°F (450°C) with Graphite packings up to 200°F (93°C) with POM soft seat
- 316 Stainless Steel, Carbon Steel
- Adjustable packings to extend service life
- Non Rotating stem tip
- Optional bleeding screw
- Sizes: 1/2"~1" pipe thread



### Block & Bleed Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -65°F (-54°C) to 464°F (240°C)
- 316 Stainless Steel
- A single unit providing isolating and venting of pressure instruments
- Utilized to reduce the number of components and decrease possible leak points
- Adjustable PTFE packings
- Non Rotating stem tip



### Multiport Gauge Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -65°F (-54°C) to 464°F (240°C)
- 316 Stainless Steel
- Adjustable PTFE packings
- Graphite packings for high temperature application
- Non Rotating stem tip
- Standard gauge valve, longer body gauge root valve in 194mm



### Bleed Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -65°F (-54°C) to 850°F (454°C)
- Compact design for easy installation
- 316 Stainless Steel
- Sizes: 1/4"~1/2" pipe thread





## OUR PRODUCTS OVERVIEW



### High Pressure Ball Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature:  
PEEK seat: -65°F (-54°C) to 500°F (260°C)  
PVDF seat: -22°F (-30°C) to 265°F (130°C)  
Devlon seat: -315°F (-193°C) to 392°F (200°C)
- 316 Stainless Steel
- Sizes: 1/4"~1/2" pipe thread



### Poppet Check Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -10°F (-23°C) to 392°F (200°C)
- 316 Stainless Steel
- Cracking pressure: 1 psi (0.06bar) to 25 psi (1.7bar)
- Viton O-rings
- Sizes: 1/8"~1" pipe thread  
VEE-LOK 1/8"O.D.-1/2"O.D.,  
6mm O.D.-12mm O.D.



### Inline Check Valve

- Maximum Working Pressure to 3000 psi (210bar) at 100°F (38°C)
- Working Temperature from -10°F (-23°C) to 375°F (191°C)
- 316 Stainless Steel
- Cracking pressure: 2 psi (0.14bar) to 45 psi (3.1bar)
- Viton O-rings
- Stainless Steel Ball
- Sizes: 1/8"~1/2" pipe thread



### Tube Fitting

- Compression type two ferrule tube fittings
- The two ferrule optimize sealing and tube gripping function to provide excellent leak-tight connection
- A variety of configurations
- 316 Stainless Steel
- Sizes: 1/8"~1" and 6mm~25mm O.D.



### Pipe Fitting

- Used for process control and instrumentation connections
- Precision machined from forgings for shaped fittings and from bar stock for straight connectors
- Superior threads to provide reliable performance
- Male threads are capped for protection
- Sizes: 1/8"~1" pipe thread





## OUR PRODUCTS OVERVIEW



### Proportional Relief Valve

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -22°F (-30°C) to 392°F (200°C)
- 316 Stainless Steel
- Set Pressure from 50 to 6000 psi (3.4 to 414 bar)@70°F (20°C)
- Color coded springs to classify a wide range of set pressure
- Sizes: 1/4"~3/8" pipe thread

SMIPL 1/8"O.D.~1/2"O.D., 6mm O.D.~12mm O.D.



### Filter

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
  - Gas and liquid filtration
  - Replaceable sintered elements available in 0.5, 2,7,15 and 60 microns
  - 316 stainless steel
  - Sizes: 1/8"~ 1/2" pipe thread
- SMIPL tube fitting 1/8"O.D.~1/2"O.D.



### Adjustable Overload Protector

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from -13°F (-25°C) to 212°F (100°C)
- When pressure exceeds the preset pressure, the device automatically shuts off the pressure to the instrument
- Pressure adjustment can be done by manipulating an external adjusting screw and lock nut.
- Setting Range:  
0.5~4 bars  
2~60 bars  
60~200 bars



### Snubber

- Maximum Working Pressure to 6000 psi (414bar) at 100°F (38°C)
- Working Temperature from 25°F (-4°C) to 250°F (121°C)
- Protect pressure gauges from damages caused by pressure pulses and peaks.
- With an adjustable needle valve inside to restrict the flow when operating condition may demand
- Sizes: 1/4"~1/2" pipe thread



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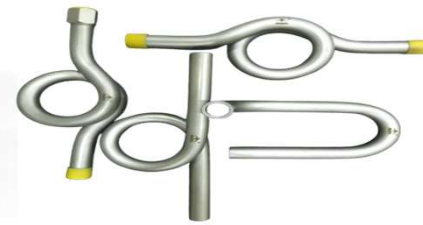
**Dairy Fitting & Valve**



**Owel Flange**



**Air Header**



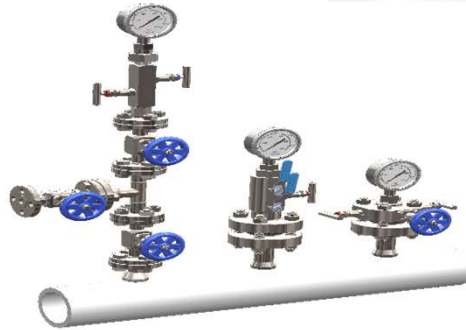
**Syhone**



**Gauge Cock**



**Pressure Regulators**



**Pressure Hook-up Systems**



**Pressure Gauge**



**RTD & Thermowell**



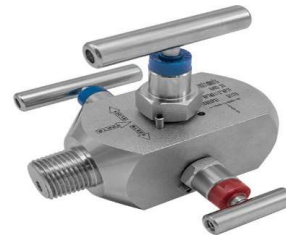
**Flushing Ring**



**Condensate set pot**



**Mono flange & block & bleed valve**



**Pressure Switch**

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**"Our Strength in Unity, Success in Diversity"**



**"Power"  
"passion"  
"Performance"**



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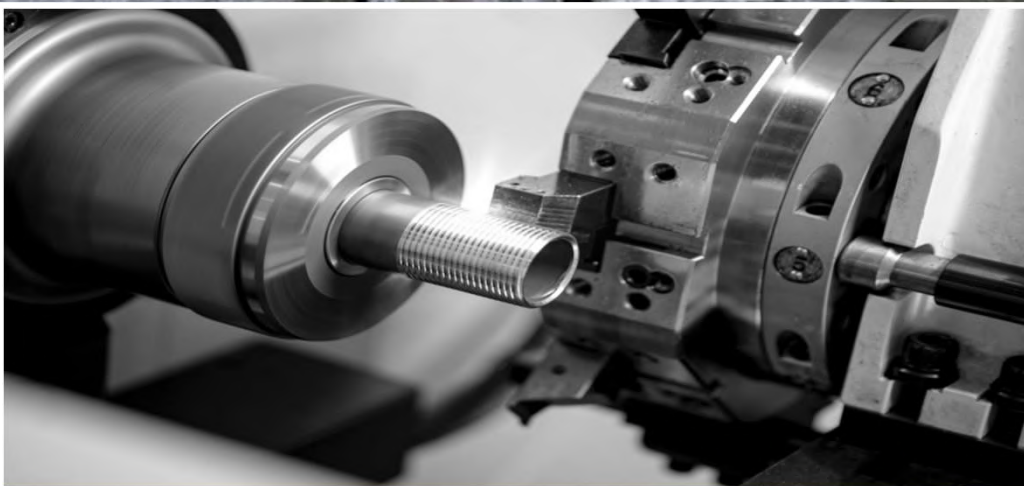





**SHREEMARUTI INSTRUMENTS PUT. LTD.**

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**Manufacturing Facility**



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**Quality, Design & R&D ,Product testing Facility**



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**Collaborating for Success: Customer & Partner Visits to SMIPL**



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## Project Management and Control Documents Flow

Process Stage	Department	Action/Document	Comments
<b>1. RFQ Estimation</b>	Sales Department	RFQ → Quotation	The customer sends an RFQ for estimation
<b>2. P.O. (Purchase Order)</b>	Sales Department	P.O. Received	P.O. triggers project initiation
<b>3. Specification</b>	Sales/Customer Team	Specification Document	Detailed requirements received
<b>4. Work Order Creation</b>	Sales/Operations	Work Order Sheet	Based on customer specifications
<b>5. Design &amp; Analysis</b>	Design Department	Design & Analysis	Design feedback loop for clarifications
<b>6. Procurement</b>	Procurement Department	Purchase of Materials	Procurement based on design specs
<b>7. Production</b>	Production Department	Manufacturing Process	Production begins post-material delivery
<b>8. Quality Control</b>	Quality Department	Product Testing & Verification	Ensure all quality standards are met
<b>9. Final Approval</b>	Quality Department	Final Quality Check	Ready for delivery

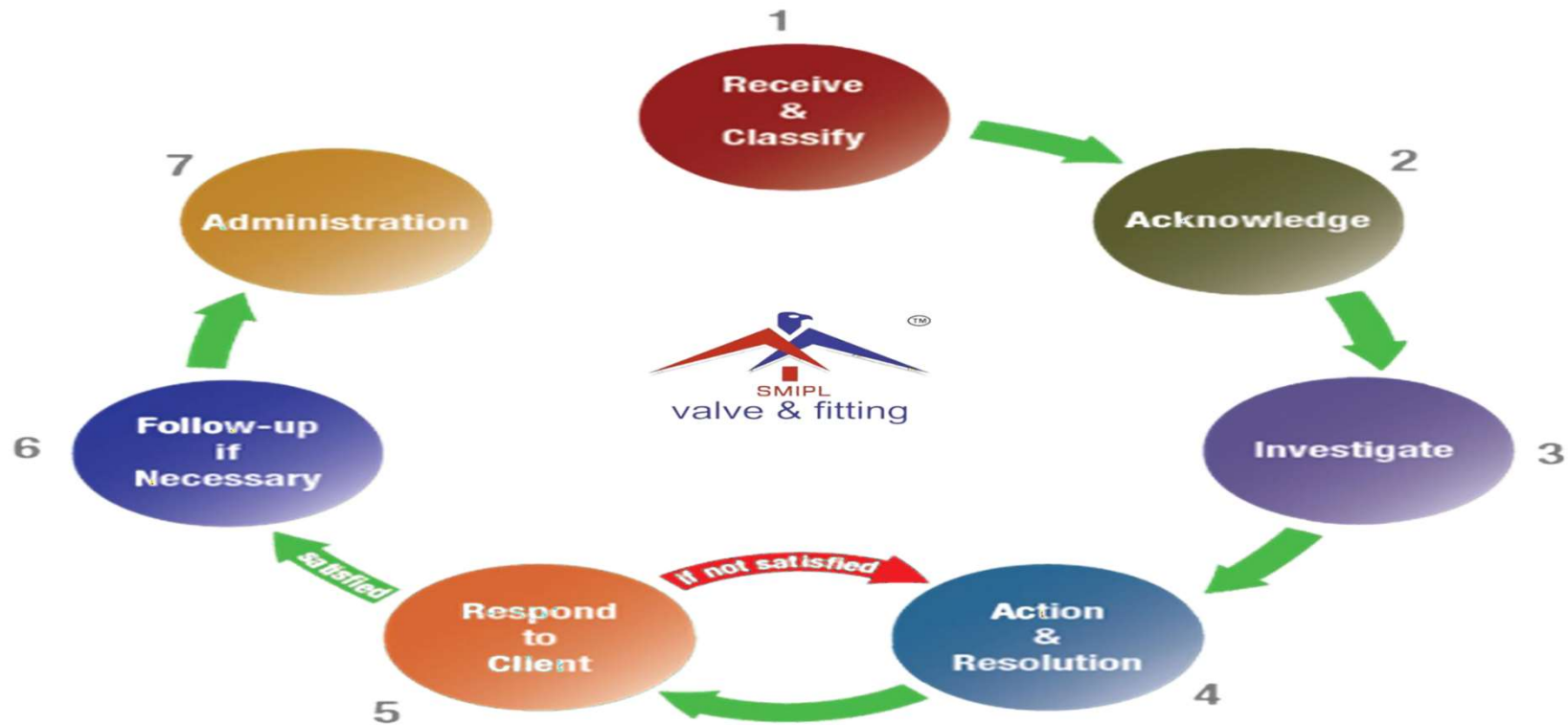













## Achievements & Milestones

Icon	Key Area	Description
	<b>Strategic Industry Collaborations</b>	Building strong, lasting partnerships with industry leaders to foster innovation and mutual growth.
	<b>Pioneering Product Innovations</b>	Launching advanced and cutting-edge products that reflect technical mastery and market foresight.
	<b>Prestigious Projects &amp; Contracts</b>	Winning key contracts and delivering on landmark projects, showcasing expertise and reliability.
	<b>Global Market Penetration</b>	Expanding rapidly into new international markets, enhancing the company's global footprint and outreach.
	<b>Multinational Expertise</b>	Employing seasoned professionals with experience from leading multinational corporations, ensuring high standards.
	<b>Unwavering Quality Commitment</b>	Dedicated to delivering exceptional quality, with a focus on innovation, certified processes, and customer satisfaction.
	<b>Continuous Skill Development</b>	Investing in ongoing training and professional development to maintain a competitive edge in the industry.

## SMIPL Customer Complaint Handling Process



## "From Vision to Reality: The SMIPL Growth Timeline"

Year	Milestone	Details
2015	 Company Establishment	The company was founded with a vision to manufacture premium-quality instrumentation products.
2016	 ISO 9001:2015 Certification	Certified by Daks Germany, marking our commitment to quality production processes.
2017	 IEC Certification	Certified for Export & Import operations. Achieved ISO 14001:2015, OHSAS ISO 45001:2018.
2018	 Expansion	Extended the facility and increased product range with MSME & NSIC certified.
2019	 Type Testing	Type tests F1387 & MSP – 99 certified by BV. Entered the international market.
2020	 Major Contracts	Approved vendors for ONGC, CPCL, Tata Project, Toshiba, and L&T.
2021	 EIL & HMT Approval	Achieved EIL approval. Certified by HMT Machine Tools Ltd.
2022	 Exhibitions	BHEL approvals for all seven plants. Participated in Automation Expo & other major expos.
2023	 Joint Ventures	Partnered with Al Yaseah Oil & Gas (UAE) and CalCon Measuring & Control Systems (Dubai).
2024	 IREL Approval	Achieved approval from IREL (India) Limited. Active participation in Automation Expo.



## On-Time Delivery Improvement – Actions, Driving Forces, and Restraining Forces

S. No.	Description	Action	Driving Forces	Restraining Forces	Who	By When	Status
01	Unstable Process	Implement Lean and Six Sigma methodologies.	Strong organizational commitment to efficiency.	Resistance to change from some teams.	Planning	01.08.2024	Closed
02	Problem Solving	Technical review done on problematic & critical parts.	Data-driven decision-making through analytics.	Initial unclear specifications from design team.	CRM	01.07.2024	Closed
03	Customer/Vendor Feedback	Continuous feedback loop to vendors and customers.	Use of real-time communication tools (e.g., ERP, CRM systems).	Vendor delays in responding to urgent requests.	SQA/Sourcing	01.08.2024	Closed
04	Improve Forecast	Predictive analytics and preplanning activity initiated.	Advanced forecasting models and data insights.	Incomplete drawing availability (initially), last-minute design changes.	Order Center	10.08.2025	In Progress
05	Leading Change	Supplier quality and delivery targets met through strong partnerships.	Focus on long-term supplier relationships and performance reviews.	Initial teething period with new suppliers, delayed fitment/functional testing.	Sourcing	20.09.2025	In Progress
06	Technology Integration for Tracking	Full integration of ERP and tracking software for real-time data.	Digital transformation goals and stakeholder buy-in.	High implementation cost and team adaptation to new software.	IT Department	15.10.2025	Planned
07	Resource Optimization	Workforce reallocation based on demand fluctuations.	Use of AI and automation in resource management.	Employee resistance to flexible work schedules.	HR/Operations	01.06.2025	In Progress







**SHREEMARUTI INSTRUMENTS PVT. LTD.**

**ADNOC & EIL Certified Company**

**Why Choose Shreemaruti Instruments Pvt. Ltd. (SMIPL)?**

**Competitive Pricing & Value Proposition**

**Cutting-Edge Manufacturing & Technology**

**Robust After-Sales Support & Warranty Programs**

**Established Leadership & Industry Reputation**

**Strong Focus on Customer Satisfaction**

**Certifications & Compliance Beyond Industry Norms**

**Advanced Technology and Continuous Innovat**

**Customer-Centric Approach & Unmatched Service**

**Comprehensive In-House Capabilities**

**Global Presence & Expanding Export Network**



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## Industry we Serve

- Oil and Gas – Exploration
- Oil Refineries, Process Instrumentation
- Power Generation, CNG / PNG
- Natural Gas Distribution,
- Metallurgical and Mining,
- Railways, Fertilizers & Many More...





**SHREEMARUTI INSTRUMENTS PVT. LTD.**

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**Major Clients**



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### Message from the Director

At **Shree Maruti Instruments Pvt Ltd (SMIPL)**, we are dedicated to delivering **innovative and reliable solutions** that empower your success. Since 2015, we have focused on:

- **Tailored high-performance products** for industries worldwide.
- **Customer-first service**, with quick delivery and strong support.
- **Commitment to innovation**, continuously improving with the latest technology.
- **Sustainability**, ensuring efficient and responsible operations.

We value the trust you place in us and look forward to building a lasting partnership for mutual growth.

**Ramesh Patil**  
Managing Director  
**Shree Maruti Instruments Pvt Ltd**



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***Thank you...***

**Thank you, and I am hoping to have a fruitful relationship with your esteemed organization.  
We welcome any queries regarding our company and invite you to visit our facilities.**



**SHREEMARUTI INSTRUMENTS PVT.LTD.**

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