

# COMPANY PROFILE



# NUPRO

## ENGINEERING SYNDICATE (P) LTD.

An ISO 9001 : 2015 Company

- ▶ VALVES
- ▶ AUTOMATION
- ▶ SLUICE GATES
- ▶ FLANGES & FITTINGS



## ABOUT US

***NUPRO ENGINEERING SYNDICATE (P) LTD** founded in 1975, has carved a niche in the field of manufacturing Industrial Valves, Sluice Gates and other flow control products. An ISO 9001:2015 and BIS accredited company. The company is managed by qualified professionals with over 50 years of experience in the field of manufacturing Industrial Valves, Sluice Gates and other flow control products. NUPRO ENGINEERING specializes in design & manufacturing, assembly, testing & inspection of wide range of products as per customer requirements, and has been serving various critical industrial sectors for over 50 years. Our range of products is not only limited to standard Industrial Valves it also includes actuator operated valves and Sluice gates in all size and class with any material of construction. Nupro Engineering Syndicate (P) Ltd policy is also focused on environment protection and health and safety responsibilities. The company has extensive, modern facilities spread over 20,000 sq. ft. for installation and Equipment for assembly, testing and inspection of products with well co-ordinated departments comprising – Design & Manufacturing, Quality Control, Store, Marketing & Sales and Administrative Department.*



## Directors Message

*As we embark on our journey forward, I want to express my gratitude towards my team for their dedication and hard work and to our valuable clients. At our Company **NUPRO ENGINEERING SYNDICATE (P) LTD**, we stand on the foundation of innovation and quality. Our commitment to excellence is unwavering, and it's reflected in every valve we produce.*

*Innovation is at the heart of our operations. We continuously strive to push the boundaries, embracing new technologies and methods to stay ahead in the industry. But it's not just about the products; it's about the people behind them. Our passion and expertise drive our success, and I am proud to lead such a talented team.*

*Together, we will continue to uphold our reputation for reliability and excellence. Our vision is clear: to be the preferred choice for valve solutions globally. With your continued dedication and support, I am confident we will achieve this and more.*

*Thank you every one. Let's continue to innovate, excel, and write the next chapter of success for our Nupro Engineering Syndicate (P) Ltd.*

*With Warm Regards,*  
**MR. SOUMEN ROY**  
*Director,*  
**NUPRO ENGINEERING SYNDICATE (P) LTD**





## Quality Policy

*Nupro Engineering Syndicate (P) Ltd is committed to provide technologically superior products and high quality services to achieve total customer satisfaction. We are committed to quality, integrity and excellence in all areas of business. We pledged to monitor our performance as an on-going activity and strive for continual improvement.*

***We strictly stand for  
“NO COMPROMISE WITH THE QUALITY”.***

**QC Department  
NUPRO ENGINEERING SYNDICATE (P) LTD**



## General Information

- **NAME** : **NUPRO ENGINEERING SYNDICATE (P) LTD**
- **BRAND / MAKE** : **“NUPRO”**
- **COMMENCEMENT OF BUSINESS:** **SEPTEMBER 3rd, 1975**
- **CERTIFICATION** : **ISO, BIS, MSME / UDYAM, NSIC**
- **CITY OFFICE** : **AWFIS BUSINESS CENTER, 6TH FLOOR,  
50, CHOWRINGHEE ROAD,  
KOLKATA – 700071, W.B., INDIA**
- **CONTACT DETAILS** : **98300 07152/98743 52605 / 90515 81848  
E-mail : [nuprovalve@yahoo.co.in](mailto:nuprovalve@yahoo.co.in) /  
[nuprovalve1975@gmail.com](mailto:nuprovalve1975@gmail.com)  
Website : [www.nuprovalve.com](http://www.nuprovalve.com)**
- **CORPORATE OFFICE & WORKS** : **UTTAR JHAPARDHA, BAIGACHI, JL NO. : 12,  
DOMJUR , HOWRAH - 711405 W.B., INDIA**
- **BHUBANESWAR OFFICE** : **BMC BHAWANI MALL, BLOCK 2, 5TH FLOOR,  
SAHEEDNAGAR, BHUBANESWAR - 751007  
ODISHA, INDIA**

## Product Details

### GATE VALVE

API 600 | BS : 1414

**Material of Construction :**  
CS | SS | AS | WCB | LCB

**End Connections :**  
Screwed to BSP | BSPT | NPT |  
Socket Weld | Butt Weld Ends |  
Flanged Ends | Ring Type Joints (RTJ)

**Pressure Rating :**  
ASA 125# | 150# | 300#

**Operation :**  
Manual | Gear and Electrical Actuator

**Size Range :**  
25mm to 600mm



### BUTTERFLY VALVE

API 609 | BS-5155 | BS EN 593 | AWWA C504 | IS 13095

**Material of Construction :**  
CI | DI | CS | GM | SS

**Seat & Seals :**  
Nitrile | Neoprene | PTFE | Viton |  
Hypalon | Silicon

**End Connections :**  
Wafer Type | Double Flanged | Lug Type

**Pressure Rating :**  
ASA 125# | 150# | PN 1.0 | PN 1.6 |  
PN 2.0 | PN 2.5

**Type :**  
Centric Disc Design | Offset Disc Design |  
Triple Offset Disc Design | High Performance

**Operation :**  
Lever | Gear | Electrical Actuator |  
Pneumatic Rotary Actuator

**Size Range :**  
40mm to 2000mm



### SLUICE VALVE

IS 14846 | BS : 5150 | BS : 5163

**Material of Construction :**  
CI | DI | CS | GM | SS

**End Connections :**  
Flanged Ends

**Pressure Rating :**  
Rating : PN 0.6 | PN 1.0 | PN 1.6 | PN 2.0 |  
PN 2.5 | PN 3.0 | PN 3.5 | PN 4.0

**Operation :**  
Manual | Gear and Electrical Actuator

**Type :**  
Inside Screw (Non Rising Spindle)  
for Sluice | Outside Screw  
(Rising Spindle) for Gate

**Size Range :**  
25mm to 1500mm



### NON RETURN VALVE - SWING TYPE / REFLUX TYPE

BS 1868 | IS 5312 | BS 5153

**Material of Construction :**  
CI | DI | CS | SS | AS | LCB

**End Connections :**  
Flanged End | Butt-weld End

**Pressure Rating :**  
125# | 150# | 300# |  
PN 1.0 | PN 1.6 | PN 2.0 | PN 2.5 | PN 4.0

**Size Range :**  
50mm to 1200mm



### AIR VALVE

IS 14845 | AWWA C512

**Material of Construction :**  
CI | DI | CS | GM | SS

**End Connections :**  
Screwed | Flanged End

**Type :**  
Single Acting | Double Acting |  
Kinetic Type Isolating | Single Chamber  
Triple Function Tamperproof Air Valve

**Pressure Rating :**  
ASA 125# | 150# | 300# | PN 1.0 | PN 1.6 |  
PN 2.0 | PN 2.5 | PN 3.0 | PN 3.5 | PN 4.0

**Size Range :**  
15mm to 350mm



API 6D

**Pressure Rating :**  
PN 1.0 | PN 1.6

**Size Range :**  
25mm to 600mm

### NON SLAM DISC CHECK VALVE

BS 7438

**Pressure Rating :**  
PN 1.0 | PN 1.6

**Size Range :**  
15mm to 200mm

### DUAL PLATE CHECK VALVE

API 594

Flanged End | Wafer Type

**Pressure Rating :**  
PN 1.0 | PN 1.6 | PN 2.5 | PN 4.0 | ASA 150# | 300#

**Size Range :**  
50mm to 2000mm



## Product Details

### GLOBE VALVE

BS-1873 | ND-16 | ND-40

**Material of Construction :**

CI | DI | CS | GM | SS | AS

**End Connections :**

Screwed to BSP | BSPT | NPT |  
Socket Weld | Butt Weld Ends |  
Flanged Ends | Ring Type Joints (RTJ)

**Pressure Rating :**

ASA 125# | 150# | 300# |  
PN 1.0 | PN 1.6

**Operation :**

Manual | Gear and Electrical Actuator

**Size Range :**

15mm to 300mm



### KNIFE EDGE GATE VALVE / PULP VALVE

**Material of Construction :**

Body : CI | DI | CS | SS

**End Connections :**

Flanged End | Wafer Lug Type

**Type :**

UNI-DIRECTIONAL | BI-DIRECTIONAL

**Operation :**

Handwheel | Gear | Pneumatic Cylinder

**Pressure Rating :**

PN 1.0 | PN 1.6 | ASA 125# | 150#

**Size Range :**

50mm to 600mm



### PLUG VALVE

BS-5158 | BS-5353

**Material of Construction :**

CI | DI | CS | SS

**Type :**

PTFE Sleeved | Lubricated  
Non-Lubricated

**End Connections :**

Screwed | Flanged | Butt weld

**Pressure Rating :**

ASA 125# | 150# | PN 1.0 | PN 1.6

**Size Range :**

25mm to 200mm



### PRESSURE RELIEF VALVE

API 526

**Material of Construction :**

CI | DI | CS | SS

**End Connections :**

Screwed | Flanged End

**Type :**

Ordinary Lift Type | High Lift Type |  
Full Lift Type

**Pressure Rating :**

PN 1.0 | PN 1.6 | ASA 150#

**Size Range :**

25mm to 200mm



### STRAINER

**Material of Construction :**

CI | CS | SS

**End Connections :**

Flanged | Screwed End

**Type :**

"Y" Type | "T" Type | Pot Type | Basket Type

**Pressure Rating :**

PN 1.0 | PN 1.6 | ASA 150#

**Size Range :**

15mm to 200mm



### DIAPHRAGM VALVE

BS-5156

**Material of Construction :**

CI | CS | SS

**Lining Options :**

Rubber Lined | Glass Lined | Unlined

**End Connections :**

Screwed | Flanged End

**Pressure Rating :**

PN 1.0 | PN 1.6 | ASA 150#

**Size Range :**

25mm to 200mm



### SLUICE GATE

IS 3042 | IS 13349

**Material of Construction :**

CI | DI | SS | MS

**Type :**

Open Channel Type | Wall Mounted Type |  
Timble Mounted Type

**Operation :**

Manual | Gear | Electrical Actuator

**Size Range :**

200mm to 1500mm  
(Any other size on request)



## Product Details

### BALL VALVE

BS-5351 | BS-5159

#### Material of Construction :

CI | CSI | SS | FSI | CF8 | CF8M

#### Seat & Seals :

PTFE | Reinforced PTFE |  
Graphoil | Graphite

#### End Connections :

Screwed to BSPT | NPT | Socket Weld |  
Butt Weld with extended Nipple |  
Flanged Ends | Butt Weld Ends

#### Pressure Rating :

ASA 150# | 300# | 600# | 800# |

#### Type :

Single Pc | Two Pc | Three Pc | 3 Way | 4 Way

#### Operation :

Lever | Gear | Electrical Actuator |  
Pneumatic Rotary Actuator

#### Size Range :

6mm to 200mm



### FORGED STEEL VALVE - GATE, GLOBE CHECK "T" - TYPE STRAINERS

API 602 | BS-5352

#### Material of Construction :

ASTMA 105 | F304 | F304L | F316

#### End Connections :

Socketweld | Screwed | Butt Weld |  
Flanged End

#### Type :

Straight Pattern | "Y" Type Pattern

#### Pressure Rating :

ASA 150# | 300# | 600# | 800#

#### Size Range :

15mm to 50mm



### GUN METAL & BRONZE VALVE

- Gate Valve as per IS 778 CL-I
- Globe Valve as per IS 778 CL-I
- Horizontal Non Return Valve as per IS 778 CL-I
- Steam Stop Valve



### FLANGES & FITTINGS

#### Material of Construction :

CI | DI | MSI | A105 |  
SS 304 | SS 316 | SS 304L | SS 316L

#### Rating :

ASA 150# TO 800# | ND-16 | ND-40 |  
BS 10 TABLE DI | EI | FI | K | J

#### Type :

SORF | Blind | WNRF Etc.

#### Size Range :

15mm to 1200mm



\* The Design & Technical Data Furnished Here Are Subject to Change Without Intimation Due to Continuous Product Development.

# Manufacturing Process



## 1. Purchasing Raw Materials & Standard/Other Parts

- Internal Inspection
- Raw Material and Material Certificate Check
- Quantity Check
- Visual and Dimension Check



## 2. Material Inspection

- Chemical Analysis Check
- Positive Material Identification
- Ultrasonic Exam
- Visual and Dimensional Exam
- Radiography Exam



## 3. Machining

- Body and other accessories
- Internal Trim Parts
- \*Dimension Inspection after machining (according to approved drawing and related standard)



## 4. Assembly

- Assembly as per approved QAP or Drawing.



## 5. Mounting & Calibrating required Accessories

- Positioner
- Limit Switch
- Gearbox
- Actuator



## 6. Final Test

- Visual & Dimension inspection
- Hydrostatic Test for Body and Trim parts
- \*Function & Performance test of full assembly of valves, actuators and accessories.



## 7. Painting

- Visual Check
- Dry Film Thickness (DFT) check of painting



## 8. Packing & Marking

- Marking / Tagging
- Lubrication (Grease, oil etc.)
- Storage



## 9. Delivery

- Pre-Delivery Inspection (PDI)

# Product Gallery





## OUR CLIENTS



सेल SAIL



Har Ghar Jal  
Jal Jeevan Mission



## Our Certifications



Butterfly Valve



IS 13095

Reflux Valve



IS 5312

Sluice Valve



IS 14846

Air Valve



IS 14845



## Nupro ENGINEERING SYNDICATE (P) LTD.

VALVES || AUTOMATION || SLUICE GATES ||  
FLANGES & FITTINGS

CIN : U29120WB1975PTC030200

### City Office :

- Awfis Business Center, 6th Floor,  
50, Chowringhee Road,  
Kolkata – 700071, W.B., India
- +91 98300 07152 / 98743 52605 /  
90515 81848
- nuprovalve@yahoo.co.in  
nuprovalve1975@gmail.com
- www.nuprovalve.com



### Corporate Office & Works :

- Uttar Jharpardha, Baigachi,  
JI No. : 12, Domjur,  
Howrah - 711405, W. B., India

### Bhubaneswar Office :

- BMC Bhawani Mall,  
Block 2, 5th Floor, SaheedNagar,  
Bhubaneswar - 751007  
Odisha, India