

COMPANY PROFILE



NUPRO ENGINEERING SYNDICATE (P) LTD.

An ISO 9001 : 2015 Company

Manufacturer of :
Industrial Valves, Cocks,
Pipes & Pipe Fittings, Sluice
Gate for every sectors.

Address :
101/C Brindabon Mullick Lane,
Howrah - 711101 (W.B.), India



ABOUT US

***NUPRO ENGINEERING SYNDICATE (P) LTD** founded in 1975, has carved a niche in the field of manufacturing valves and other flow control products. An ISO 9001:2015 and BIS accredited company. The company is managed by highly qualified professionals with over 48 years of experience in the field of manufacturing valves 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 48 years. Our range of products is not only limited to standard Gate valves, Globe valves, Butterfly valves, Air valves it also includes electrical 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 28,780 sqft 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 Pvt 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”.***

MR. SOUMEN ROY.

Director

NUPRO ENGINEERING SYNDICATE PVT LTD



General Information

- **NAME** : NUPRO ENGINEERING SYNDICATE (P) LTD
- **BRAND** : “NUPRO”
- **COMMENCEMENT OF BUSINESS** : SEPTEMBER 3rd, 1975
- **ASSOCIATE MEMBER OF** : BIS, NSIC, SSI, MSME / UDYAM, ISO
- **OFFICE ADDRESS** : 101/C, BRINDABON MULLICK LANE, KADAMTALA, HOWRAH - 11101, WESTBENGAL, INDIA
- **CONTACT DETAILS** : 9830007152/9874352605
e-mail : nuprovalve@yahoo.co.in
WEBSITE : www.nuprovalve.com
- **WORK SHOP 1** : 101/C, BRINDABON MULLICK LANE, KADAMTALA, HOWRAH - 11101, WESTBENGAL, INDIA
- **WORK SHOP 2** : UTTAR JHAPARDAHA GRAM PANCHAYAT. MOUZA: BAIGACHI, JI NO. : 12, DISTRICT : HOWRAH, P.S. : DOMJUR, PIN CODE : 700405
- **TOTAL AREA** : 28,780 SQ.FT.
COVERED AREA : 23,830 SQ.FT.
UN-COVERED AREA : 4,950 SQ.FT.
OFFICE BUILDING : 2500 SQ. FT.
- **ELECTRIC POWER** : 60 H.P.
- **3rd PARTY INSPECTION AGENCY** : PDIL, RITES, SGS, IRS, Dr. AMIN, CONTROLER, I.R. CLASS ETC.
- **OUR BANKING PARTNER** : INDIAN OVERSEAS BANK
KADAMTALA BRANCH, HOWRAH
- **TURN OVER** : Last 3 Financial year
2021-2022 :- 5 CRORE - 6 CRORE
2022-2023 :- 16 CRORE - 17 CRORE
2023-2024 :- 39 CRORE - 40 CRORE



Machines & Equipments

SERIAL NO.	MACHINERY	CAPACITY	NO. OF MACHINE
1	HEAVY DUTY SEMI-NORTAN TYPE LATHE M/C	BED LENGTH 6ft6" CENTRE HEIGHT 12"	4
2	HEAVY DUTY SEMI-NORTAN TYPE LATHE M/C	BED LENGTH 10ft CENTRE HEIGHT 20"	3
3	DIAMOND TYPE PRECESSION LATHE M/C	BED LENGTH 6ft CENTRE HEIGHT 10"	3
4	HEAVY DUTY LATHE M/C	BED LENGTH 10ft8" CENTRE HEIGHT 22"	2
5	VERTICAL LATHE / VTL	1,200mm DIAMETER	3
6	HORIZONTAL BORING	125 RM/80mm TO 125mm	2
7	HEAVY DUTY LATHE M/C	BED LENGTH 8ft CENTRE HEIGHT 20" & 24"	3
8	HEAVY DUTY LATHE M/C	BED LENGTH 6ft CENTRE HEIGHT 16"	2
9	RADIAL DRILL	2" & 1 ¹ / ₂ "	4
10	PILLAR DRILL	1"	3

Details Of In House Testing Facility

Control of Measuring, Inspection Tools And Test Equipment

The Quality Assurance Head shall prepare a master list of instruments and gauges along with calibration frequency.

The equipment shall be calibrated at the defined frequency by on external agency. The calibration shall be traceable to a standard. After calibration, the calibration history card of the instruments or gauges shall updated by the Quality Assurance Head.

The inspection, measuring and test equipment shall be provided with indicator. This indicator shall be a tag or sticker as appropriate. These tags/ stickers shall identify the equipment and shall indicate the calibration status. When the equipment is found out of calibration, the Quality Assurance Head shall assess and document the validity of providing inspection and test results in the form of a note. All the equipment shall be handled by trained personnel to ensure accuracy and fitness for use. All measuring and test equipment shall be kept under lock and key where practical in dust and grease-free environment.



Chemical Testing

TEST EQUIPMENT / CHEMICALS	LEAST COUNT & RANGE	VALID CALIBRATION	TEST USED	NUMBERS
SCALE FOR STROHLEIN APPARATUS	0 – 1.500% LC. 0.005%		CHEMICAL	1 NO
GLASS THERMOMETER FOR STROHLEIN APPARATUS	(-)10 TO 50°C LC. 0.5°C		CHEMICAL	1 NO
DIGITAL TEMPERATURE CONTROLLER FOR STROHLEIN APPARATUS	Amb. TO 1600°C LC. 1°C		CHEMICAL	1 NO
SCALE FOR BAROMETER	635 – 810mm OF Hg LC. 1mm OF Hg		CHEMICAL	1 NO
GLASS THERMOMETER FOR BAROMETER	0 TO 50°C LC. 0.5°C		CHEMICAL	1 NO
HOT AIR OVEN	Amb. TO 200°C LC. 1°C	YES	CHEMICAL	1 NO
MUFFLE FURNACE	Amb. TO 1050°C LC. 1°C	YES	CHEMICAL	1 NO
HOT PLATE	Amb. TO 300°C		CHEMICAL	1 NO
DIGITAL BALANCE	0 – 200g LC. 0.001g		CHEMICAL	1 NO
DIGITAL BALANCE	0 – 6000g LC 1g		CHEMICAL	1 NO
PLATINIM CRUCIBLE	25ml	NA	CHEMICAL	1 NO
STANDARD REFERENCE MATERIALS (SS) NML	C% - 0.087, Si% - 0.573, S% - 0.014, P% - 0.027%, Mn% - 1.34, Ni% - 8.75, Cr% - 19.13	TEST CERTIFICATE ENCLOSED	CHEMICAL	1 PACKET
NECESSARY CHEMICAL REAGENT FOR TESTING OF STAINLESS STEEL (12Cr12) & LTB2	-----	NA	CHEMICAL	-----
PLATINIM CRUCIBLE	25ml	NA	CHEMICAL	1 NO

Mechanical Test

TEST EQUIPMENT/CHEMICALS	LEAST COUNT & RANGE	VALID CALIBRATION	TEST USED	NUMBERS
UTM MACHINE	0 – 200Kn LC 2 Kn	YES	MECHANICAL	1 NO
SHORE HARDNESS TESTER "A"	0 – 100 SHORES 'A' LC 1 SHORE 'A'	YES	MECHANICAL	1 NO
STANDARD BLOCK FOR HARDNESS	202 HBW	YES	MECHANICAL	1 NO
EYE PIECE OF POLDY HARDNESS TESTER	0 – 10mm L.C : 0.1 mm	YES	MECHANICAL	1 NO
HAMMER	700 gm	NA	MECHANICAL	1 NO



Measuring Instrument & Pressure Gauge

TEST EQUIPMENT/CHEMICALS	LEAST COUNT & RANGE	VALID CALIBRATION	TEST USED	NUMBER
VERNIER CALIPER	0 – 250mm L.C. 0.02mm	YES	DIMENSION	1 NO
STEEL TAPE	0 – 3000mm L.C. 1mm	YES	DIMENSION	1 NO
STEEL SCALE	0 – 1000mm LC 0.5mm UPTO 100mm & 1mm ABOVE 100mm	YES	DIMENSION	1 NO
HST SETUP WITH PRESSURE GAUGE	RANGE : VALVE SIZE 50mm UPTO AND INCLUDING 600mm	YES	HYDROSTATIC	1 NO
PRESSURE GAUGE	0 – 100 kg/cm ² LC 1kg/ cm ²	YES	HYDROSTATIC	1 NO
HYDRAULIC PRESSURE TESTING MACHINE	1000 PSI	YES	HYDROSTATIC	1 NO
BLIND FLANGES FOR HYDROSTATIC TESTING	SIZES OF FLANGES 50DN, 60DN, 100DN, 125DN, 150DN, 200DN, 250DN & 300DN	YES	HYDROSTATIC	1 NO
STOP WATCH	0 – 1800 SEC L.C 0.001 SEC	YES	HYDROSTATIC	1 NO
ANGLE PROTECTOR	0 - 180° LC 1°	YES	DIMENSION	1 NO
RADIUS GAUGE	R 1 TO 7mm R 7.5 TO 15mm	YES	DIMENSION	1 NO
OUTSIDE CALIPER	1200mm		DIMENSION	1 NO
OUTSIDE MICROMETER	0 – 25mm LC 0.01mm		DIMENSION	1 NO

Manufacturing Process



1. Purchasing Raw Material and Standard Parts (Cast, Forge, Bar, Sheet)

- Cast Materials generally used for size over 2"
- Forge & Bar materials generally used for size below 2" and internal trim parts
- Internal Inspection
- Raw Material & Material Certificate Check
- Quantity Check
- Visual & Dimension Check (VT)



4. Body Assembly

- Assembling of Internal Trim Part,
- Bonnet Assembly



7. Final Test

- Visual & Dimension inspect
- Stroke test,
- Seat Leakage test

Function & Performance test of full assembly of body, actuator and accessories



2. Material Inspection

- Chemical Analysis Check
- Preservation Analysis Certificate
- Positive Material Identification
- Dye Penetrant Exams
- Magnetic Particle Exams
- X and Gamma Rays Exams
- Ultrasonic Exams
- NDE (RT/UT/PT/MT)
- Visual and Dimensional Exam



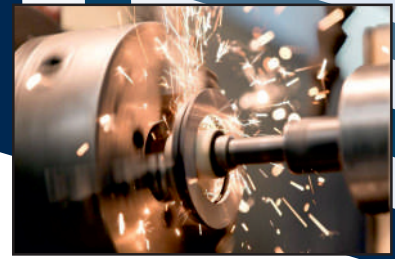
5. Painting

- Valve Body Painting
- Visual Check
- Dry film thickness check of painting
- Adhesion check of painting



8. Packing & Marking

- Packing Inspection



3. Machining

- Body & Bonnet
- Internal Trim Part
- Dimension Inspection after machining (according to approved drawing and related standards)
- Hydrostatic Test



6. Mounting & Calibrating required Accessories

- Positioner
- Air Filter Regulator
- Solenoid valve
- Limit Switch
- Volume Booste




9. Delivery

- Pre Shipment Inspection (PSI)

THE VALVES UNDER RECTIFICATION OR REJECTION ARE KEPT SEPERATELY AND THE PRODUCTION DEPARTMENT FOLLOW THE REMARKS PUT BY THE INSPECTOR.



List Of Our Manufacturing Products

TYPES OF VALVES	MATERIAL OF CONSTRUCTION (M.O.C)	MANUFACTURING SIZE/RANGE (in dia.) 
AIR VALVE SINGLE/ DOUBLE ACTING	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL , STAINLESS STEEL	15mm – 600mm
BUTTERFLY VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL , STAINLESS STEEL , GUN METAL	40mm – 2000mm
BALL VALVE	CAST CARBON STEEL ,MILD STEEL, STAINLESS STEEL , GUN METAL	6mm – 200mm
CHECK VALVE / NON-RETURN VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL ,FORGED STEEL, STAINLESS STEEL , GUN METAL	15mm – 1500mm
DUAL-PLATE CHECK VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL , STAINLESS STEEL	25mm – 1800mm
DIAPHRAGM VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL	15mm – 400mm
FIRE HYDRANT VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL, STAINLESS STEEL , GUN METAL	65mm – 100mm
GLOBE VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL ,FORGED STEEL, STAINLESS STEEL , GUN METAL	15mm – 600mm
SLUICE VALVE/ GATE VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL ,FORGED STEEL, STAINLESS STEEL , GUN METAL	15mm – 2000mm
PRESSURE RELIEF/REDUCING VALVE / SAFETY VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL	15mm – 300mm
SLUICE GATE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL , STAINLESS STEEL	ASSORTED SIZE
TIL TIL DISK/ HANGING TYPE CHECK VALVE	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL ,FORGED STEEL, STAINLESS STEEL	15mm – 200mm
“Y” STRAINER	CAST IRON ,DUCTILE IRON , CAST CARBON STEEL ,FORGED STEEL, STAINLESS STEEL , GUN METAL	15mm – 200mm
DISMANTLING JOINT	CAST IRON ,DUCTILE IRON	50mm – 1200mm
PIPES	CAST IRON ,DUCTILE IRON	25mm – 600mm
FITTINGS / SPECIALS	CAST IRON ,DUCTILE IRON	ASSORTED SIZE

BRAND : NUPRO

List Of Our Clients

- *STEEL AUTHORITY OF INDIA LTD (SAIL)*
- *BHARAT HEAVY ELECTRICALS LIMITED. (BHEL)*
- *NATIONAL ALUMINIUM COMPANY LIMITED*
- *ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED*
- *TELANGANA POWER GENERATION CORPORATION LIMITED.*
- *WEST BENGAL POWER DEVELOPEMENT CORPORATION LIMITED.*
- *MADHYA PRADESH POWER GENERATION CORPORATION LIMITED.*
- *TATA STEEL LIMITED*
- *NEELACHAL ISPAT NIGAM LTD.*
- *PUBLIC HEALTH ENGINEERING DEPARTMENT – PHED*
- *(WEST BENGAL, BIHAR, JHARKHAND, UTTARPRADESH, MADHYA PRADESH, RAJASTHAN)*
- *JINDAL STEEL & POWER LIMITED.*
- *MESCO STEEL LIMITED.*
- *LARSEN & TURBO CONSTRUCTION LIMITED.*
- *NMDC LIMITED*
- *PERAMBALUR SUGAR MILLS LIMITED.*
- *DEPARTMENT OF ATOMIC ENERGY.*
- *NUCLEAR POWER CORPORATION LIMITED.*
- *INDIAN OIL CORPORATION LIMITED.*
- *RASHTRIYA CHEMICALS & FERTILIZERS LIMITED.*
- *BGR ENERGY SYSTEMS LIMITED*
- *NLC INDIA LIMITED.*
- *WATER WORKS DEPT. (AP, KUWE&DB, TELANGANA, ORISSA ETC.)*
- *NATIONAL THERMAL POWER CORPORATION LIMITED*
- *NATIONAL HYDROL POWER CORPORATION*
- *JINDAL STEELS LTD.*
- *MEGHA ENGINEERING & INFRASTRUCTURES LIMITED (MEIL)*
- *NAGARJUNA CONSTRUCTION COMPANY (NCC)*
- *KALPATARU PROJECTS INTERNATIONAL LIMITED*



Address :101/C Brindabon Mullick Lane, Howrah - 711101 (W.B.), India

☎ 9830007152 / 9874352605 🌐 www.nuprovalve.com ✉ nuprovalve@yahoo.co.in