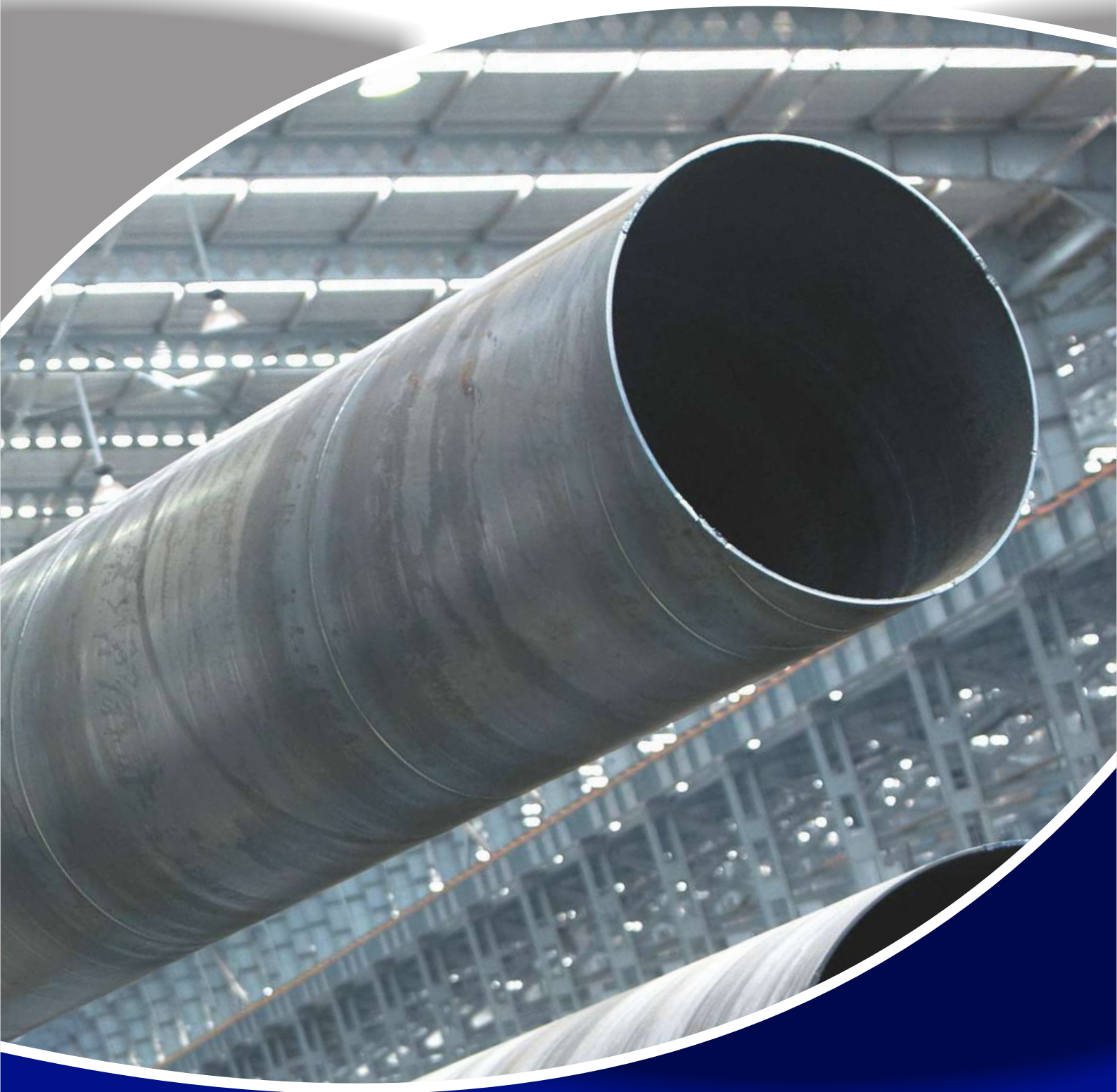




MEGA PIPES™



MEGA PIPES PRIVATE LIMITED

*An IMS certified company with ISO 9001:2015
ISO 14001:2015 and ISO 45001:2018*

*API 5L Monogram Licensee
www.megapipes.in*



MEGA GROUP

www.mega-group.in

Mega Group of Companies is a rapidly expanding corporation that owns and operates businesses in the Plastic, Steel, and Real estate industries. Mega Group has attained the heights of success under the proficient and visionary leadership of Mr. Satyapal Jain & Mr. Gaurav Jain who laid the strong foundation of this group.

Mega Pipes™ is one of India's most dependable steel pipe and tube manufacturers, suppliers, and exporters, adhering to national and international standards. It was formerly known as Topworth Pipes and Tubes Pvt Ltd. and in the year 2021 it was acquired as Mega Pipes Pvt Ltd by the Mega Group.



Satyapal Jain
Director

Satyapal Jain is a Commerce Graduate from Mumbai University. He has over thirty years of experience in the Manufacturing Industry and was instrumental in setting up one of the first cold rolling and galvanizing mills in India. He had setup Sipta Steel & Comet Steel in 1985, which are now part of Jai Corp Ltd. He was Managing Director of Jai Corp Ltd.



Gaurav Jain
Director

Gaurav Jain graduated with dual degrees from the University of Pennsylvania. He has a wealth of experience with steel, textiles, and plastics. He is currently the Director of Megaplast India Pvt Ltd. & Mega Pipes Pvt Ltd. and the Managing Director of Jai Corp Ltd.



JC Mansukhani
CEO

JC Mansukhani has worked in the pipe industry for the past 26 years, specializing in plant setups, production, marketing and procurement in the field of LSAW / Spiral welded large diameter pipes, as well as having extensive knowledge of anti-corrosive coatings on pipes.



Corporate Policy :

Mega Pipes believes in maintaining outstanding quality and equally outstanding values. We approach each endeavour with outright dedication to excellence which is reflected by everyone's candour and sincerity in minimizing adverse impact on environment, health and safety.

In tune with the above, Mega Group has a state-of-the-art pipe mill, near Mumbai (India) under the aegis of Mega Pipes Private Limited to manufacture Helical Submerged Arc Welded Pipes (HSAW)

Quality Policy:

We, at Mega Pipes Private Limited, are committed to manufacture high quality bare & coated steel pipes ensuring safety of all our stakeholders and protection of environment.

We are committed to:

- a) Satisfy our customers by on-time delivery of quality products complying to customer and other applicable requirements;
- b) Protect the environment by conservation of natural resources & reducing waste;
- c) Prevent pollution by adopting appropriate techniques;
- d) Minimize hazards and reduce QHSE risks by adopting risk-based thinking;
- e) Prevent work-related injuries and ill health by maintaining good housekeeping and providing safe & healthy working conditions;
- f) Continually improve the QHSE performance & integrated management system by adopting process approach;
- g) Ensure consultation and participation of workers & workers' representatives; and
- h) Fulfil statutory, regulatory, and other applicable requirements & obligations.

Certificates :

IMS certified company with ISO 9001:2015: ISO 14001:2015 and ISO 45001:2018

API 5L Monogram License

IS 3589 and IS 5504 Monogram License for Water Pipe Line

Mega Pipes Private Limited:

The range of Pipes manufactured by Mega Pipes are:

- 1** Helical Submerged Arc Welded Pipes (HSAW)
- 2** External Coated Pipes
- 3** Internal Coated Pipes

Mega Pipes Spiral Welded Pipes/ Helical SAW Pipes:

Size Range :	Outside Diameter :18 inch-100 inch Wall Thickness : 5.00 mm - 25.40 mm
Pipe Length :	10- 12.5 Meter
Installed Capacity :	3,00,000 MTPA
Specification & Grade :	API 5L Grade up to X80M PSL2 / ISO 3183 up to X80M PSL2 & other international standards and as per customer specifications IS 3589 and IS 5504 Monogram License for water pipe line

Pipe Coating Plant :

Our world-class pipe coating plant is fully equipped with induction heating and pipe pre surface treatment requirements.

The following coating options are available for Mega Pipes HSAW pipes:

1. External Coating

Types of external coatings:

- External 3 Layer Polyethylene (3LPE)
- External 3 Layer Polypropylene Coating (3LPP)
- External Single Layer /Dual Layer Fusion Bonded Epoxy (FBE/DFBE)
- External Polyurethane (PU)

Size Range:

- Outside Diameter: 4" to 100"
- Wall thickness: Max 25.40 mm
- Grade & Spec.: DIN 30670 & Customer specification
- Installed Capacity: 3.60 Mn SQM / Annum

2. Internal Coating

Types of internal coatings:

- Internal Solvent based and Solvent Free Coating and Anti-Corrosion Lining
- Internal Coal Tar Epoxy Paint Coating

Size Range:

- Outside Diameter: 18" to 100"
- Wall thickness: Max 25.40 mm
- Flow Coat for Oil & Gas Service / Solvent Free Coating for Potable water pipelines
- Installed Capacity: 2.50 Mn SQM/Annum



Equipment Manufacturing Process

Equipment:

The Technology & Design at Mega Pipes facility is by one of the world's leading technology providers ATIS GmbH, Germany and the Machine is supplied by M/s Initech Machinery Ltd. Korea.

Manufacturing Process of Spiral Welded Pipes:

- Spiral Welded Pipes are formed continuously from Hot Rolled Coils. The flattened strip is formed by angled rollers into a hollow of the desired diameter.
- The pipes thus formed are continuously tack welded online by Gas Metal Arc Welding (GMAW).
- These pipes are welded on the inside and outside at three offline welding stations by Automatic Submerged Arc Welding.
- The welded pipes are subjected to stringent online and offline destructive and Non Destructive Tests.
- Pipes meeting the required acceptance criteria are further processed for external anti-corrosion protection by 3LPE/ FBE/PU, as agreed with the customer.
- Depending on product requirement, the pipes are internally coated.

Unique Features Of Spiral Mill Plant:

- Separate coil preparation unit to increase the productivity.
- 100 % HR coil strip UT scanning with 80 probes - UT system supplied by GE - Germany.
- High speed mill with seam tracking system with automatic gap control system to have better and consistent pipe weld quality.
- Off line welding stations having one of the best power sources from ESAB- Sweden.
- Very well equipped laboratory to test all required tests.
- Hydrotester capacity 310 bar max and force 3600 Tonnes from INITECH - One of the highest in the world designed by ATIS (Germany) technology.
- Final UT machine with 19 probes, with pipe end and on-bead testing facility - supplied by GE, Germany.
- End Facing machine supplied by INITECH Korea, based on ATIS (Germany) technology.
- Real Time Radiography Machine (RTR) - Capacity - XRS-225/2.25 MXR-225hp/11, Make - Comet Switzerland.
- Intermediate Ultrasonic Test Machine from M/s Sofratest, France.

Spiral Mill Plant :



Laboratory Details :

Mega Pipes has the most modern laboratory **Accredited by NABL** and set up with latest equipment as under:

- Universal Testing Machine (Type: Digital Electronics, Capacity: 100 Tons)
- Spectrometer (Ferrous- 31 Elements)
- Microscopes for metallurgical analysis (Magnification: 50X to 1000X)
- Vickers Hardness Tester (Capacity: Up to 50 Kgf Max)
- Impact Testing machine (Capacity: 400 J)
- Profile Projector (Magnification: 10X to 500X)
- Drop Weight Tear Test Machine (Capacity: 30000 J)



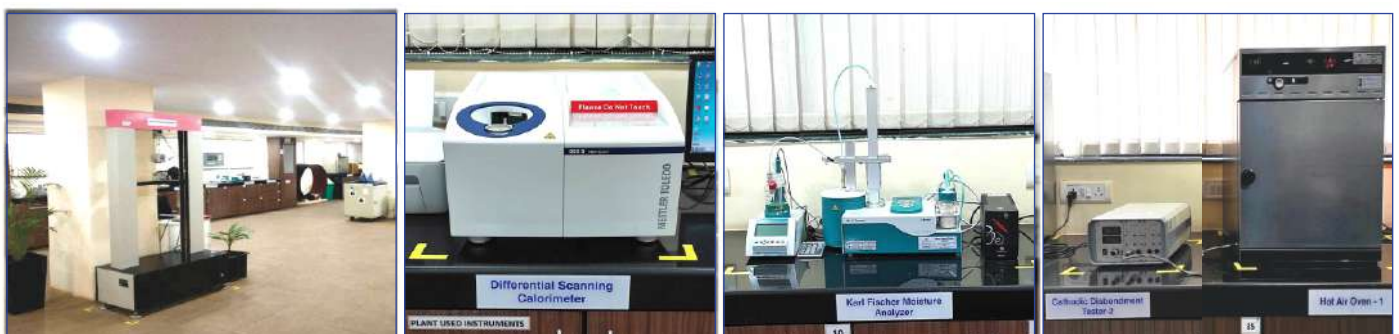
Pipe Coating Plant



Coating Laboratory Details:

Mega Pipes has the most modern coating laboratory **Accredited by NABL** and set up with latest equipment:

- Differential Scanning Calorimeter (Type : Digital Electronics, Capacity: 0 - 500°C, To determine glass transition temperature and exothermic heat of reaction of epoxy powder)
- Karl Fisher Water Content Analyzer (Type : Digital Electronics, Capacity : Up To 350°C, To analyze water content of PE, PP, Adhesive)
- Cathodic Disbondment Tester (Channels: 12, Capacity: 0 to -5V)
- Bond Strength Tester (Type: Digital Electronics, Capacity: 1500 N Max, To determine bond strength of 3LPE / 3LPP coatings)
- Vicat Softening Tester (Type : Digital Electronics, Capacity: Up To 400°C & Resolution - 0.1°C, For determination of softening point of extrusion of molten thermoplastic material - PE/PP/Adhesive)
- Indentation Testing Apparatus (Channels: 24, Capacity: Up To 100°C, for determination of resistance to penetration of molten thermoplastic material (PE, PP & Adhesive))
- Buchholz Hardness Test (Capacity: Up to 1000 buchhloz)
- Pull Off Adhesion/ Dolly Test (Capacity: Up to 10,000 psi)
- Tensile Testing Machine (Capacity: 10 kN)
- Melt Flow Tester (Capacity: Up To 300°C, For determination of the rate of extrusion of molten Thermoplastic material (PE/PP/Adhesive))



Our Partners



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API 5L Monogram Licensee

Registered Office & Manufacturing Facility

Village - Hedavali, Khopoli-Pali Rd, Taluka – Sudhagadh, Dist - Raigad, Khopoli, Maharashtra - 410205

Corporate Office

15th Floor, Hoechst House, Nariman Point, Mumbai – 400021

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