



— STEEL PIPES —

*Jssi par hai bharosa*



Designed for your dreams



## What makes MPL so special?

From procuring the best raw material to implementing the best technology-MPL Pipes are made with utmost precision which results in top quality product experience.

### SUPERIOR QUALITY IRON ORE

MPL Pipes are made from one of the best iron ores which are sourced from the mines of Orissa and Chattisgarh.

### MADE FROM HOT ROLLED COIL

- Only BIS Standard IS 10748 Grade narrow HR Coils are used to make our pipe
- The coils are selected after stringent microstructure and tensile tests
- The chemical properties are at par with the best in the industry
- It makes our steel pipes strong, durable and bendable

### 40 + QUALITY TESTS

Every MPL Pipe passes through more than 40 physical and chemical tests before it reaches you. Some of these tests are :

- |                   |                      |                       |
|-------------------|----------------------|-----------------------|
| • Tensile         | • Flattering         | • Corner Radius       |
| • Bend            | • Macro ETR          | • Straightness        |
| • Hydro           | • Dimensional Checks | • Concavity/Convexity |
| • Drift Expansion |                      |                       |





# Six Decades of Building Trust

Established in 1959 by Late Sri. Prahalad Rai and Late Sri Mohanlal Agarwal, MPL Steel Pipes are a quality product from MPL Group of Companies. The Group came a long way since establishing its first re-rolling mill in the state of Andhra Pradesh under the name M/s Mahavir Steel Rolling Mills. It has built a solid credential based on the trust it has earned from its customers over more than sixty years.

## A Manufacturing Facility that's a Class Apart

With over 1,50,000 sq ft of covered area, MPL pipes are manufactured in a factory equipped with the best-in-class machines,

- **STEEL MELTING SHOP**  
Melting furnace with slab caster where all the magic happens.
- **HOT STRIP MILL**  
Exemplary surface finish and versatile mechanical properties
- **TUBE MILLS**  
Hi Speed Mills with Japanese Technology of W Forming
- **SOLID STATE WELDING TECHNOLOGY**  
From THERMATOOL™ - The best in the world
- **ONLINE SERVO CONTROLLED PRECISION COLD SAW**  
For best-in-class length accuracy
- **WORLD CLASS TESTING MACHINES**  
21 elements state-of-the-art spectrometer  
Computerised universal tensile machine  
Rockwell hardness tester  
Bend test machine  
Hydrotest machine

The manufacturing processes followed in the factories are supervised by experts who have years of experience in steel pipe manufacturing. They are highly qualified and experienced professionals capable of leading from the front at shop floor.



# Technical Specifications

DESCRIPTION		MPL
SIZE RANGE (SECTION)	Round (mm)	20 NB - 200 NB
	Rectangle (mm)	10x30 - 200x100
	Square (mm)	20x20 - 180x180
THICKNESS (MM)		1.2 to 6
LENGTH (Metres)		4.0 - 12
CHEMICAL PROPERTIES	C %	0.12% max
	Mn %	0.50% max
	S %	0.04% max
	P %	0.04% max
	Si %	0.03 – 0.08%
PHYSICAL PROPERTIES	Tensile Strength(Mpa)	330-490
	Yield Strength(Mpa)	210-355
	% Elongation	10-25
MATERIAL GRADE		YST-210
		YST-240
		YST-310
		YST-355
SURFACE FINISHING		Black
BURR FREE		✓
SMOOTHNESS		✓
RUST PREVENTIVE COATING		✓
BIS STANDARDS	IS:1161	IS 3601
	IS:1239	IS 1161
	IS:3601	IS 1239(1)
	IS:4923	IS 4923

## Our Esteemed Clients





# The Joy of Designing

MPL Steel Pipes are an architect's best friend and a builder's pride. Made from primary steel, MPL Steel Pipes are trusted for its strength and versatility. Its modern manufacturing process and stringent quality standards meet every design requirement perfectly.



**MADE FROM THE  
FINEST IRON ORE  
IN THE WORLD**



**BIS STANDARD  
HR COILS**



**WORLD-CLASS  
MANUFACTURING  
PROCESS**



**VARIETIES**



**QUALITY  
CHECKS**



**SMOOTH  
EDGES**



**EYE-CATCHING  
AND ATTRACTIVE**



**CONSISTENT  
THICKNESS &  
WEIGHT**



**STRAIGHT  
PIPE**



**DEFECT FREE  
SEAM WELD**



**EASY TO USE/  
FABRICATE**



**EASY IDENTIFICATION  
COLOR CODING  
THICKNESS WISE &  
BUNDLE TAGS**

## Giving Shape to Your Dreams

Your dreams find an expression through MPL Steel Pipes. From homes to large infrastructural projects – MPL Pipes find application across different sectors.

### INFRASTRUCTURE



### ARCHITECTURAL



### INDUSTRIAL



### GENERAL ENGINEERING



### COMMERCIAL



### RESIDENTIAL





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