

PP TUBE MILLS
MFG CO PVT LTD
In Technical Collaboration With Seuthe GmbH



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SEUTHE GMBH:- KEY MILESTONES & HISTORY

- Established in hemer in 1899 , as the maschinenfabrik august seuthe , to be known as MAS SEUTHE GmBH.
- Earlier part of VAILINZ AUSTRIA & Specialized on welded Tube Plants and Roll Forming Section Lines.
- Always been a leading Supplier of complete plant/Line/Individual machine.
- Provides total solution to clients on products to meet customer needs.
- Happy to give expert advise & performance know How.
- Machines & Tool of Highest class.
- Precise to the last detail.
- Determine the most effective production process for the product.
- Installation & Commissioning of plant by specialist at client' s site.
- Priority given to client service through personal contacts and reliable constructive information.



PPRM - KEY MILESTONES & HISTORY

- Prem Eng Works was founded in 1947 to manufacture manual hand presses
- The late Mr. Prem Khanna joined Prem Engg. Works in 1962 with a focus to develop special gears as import substitutes for sugar mills, turbines and cement plants
- In 1985, the Late Mr. Prem Khanna incorporates PPRM with a focus to **manufacture gear boxes and Rolling Mill equipments**
- In 1990, Mr. Pankaj Khanna (Managing Director) joined PPRM and started the journey towards supply of **complete turnkey projects for long products**
- In 2005, Mr. Praneet Khanna, Director (Operations) joined with focus on New Technologies, Operational Excellence and implementation of World Class Systems
- In 2013-2014 PPRM signed agreement with Kobe Steel to provide Pouring Reel Solution (Garret Coiler Lines) & to provide engineering for rolling mails to produce 500,000TPA of rebars
- 2015-PPTM came into existence with a vision of providing **world Class ERW Tube Mills and Rolls for tube Mill and open & welded sections**
- 2016-Technical Collaboration with SEUTHE GMBH, Germany for sale and manufacturing of classic Tube & Profile mills under the Brand name of MAS TUBE MILLS

MANTRA “LET'S IMPLEMENT”



Mr. Praneet Khanna Mr. Pankaj Khanna

VISION

To be among the top Global Suppliers of Cost effective Turnkey solutions for Rolling Mills, Gear Boxes and Heavy Machine Building through Implementation of World Class Practices.

QUALITY POLICY

Meeting or exceeding customer expectations through continuous improvement

OUR KEY PRODUCT AREAS

- Turnkey Tube Mills Projects.
- Consultancy services for complete Project/Productivity Improvement.
- Turnkey Projects: Tube Mills.
- Tube Mills: Equipments.
- Revamping and Optimisation to Maximize the Efficiency.
- Spares for Tube Mills.
- Rolls for Tube Mills and open & welded sections.

RESEARCH AND DEVELOPMENT



Technical Development

The best products originate from the best technology. We make every effort to create the most advanced technology to meet our customers process requirements. We are R&D house recognised by Government of India.

Our R & D infrastructure includes

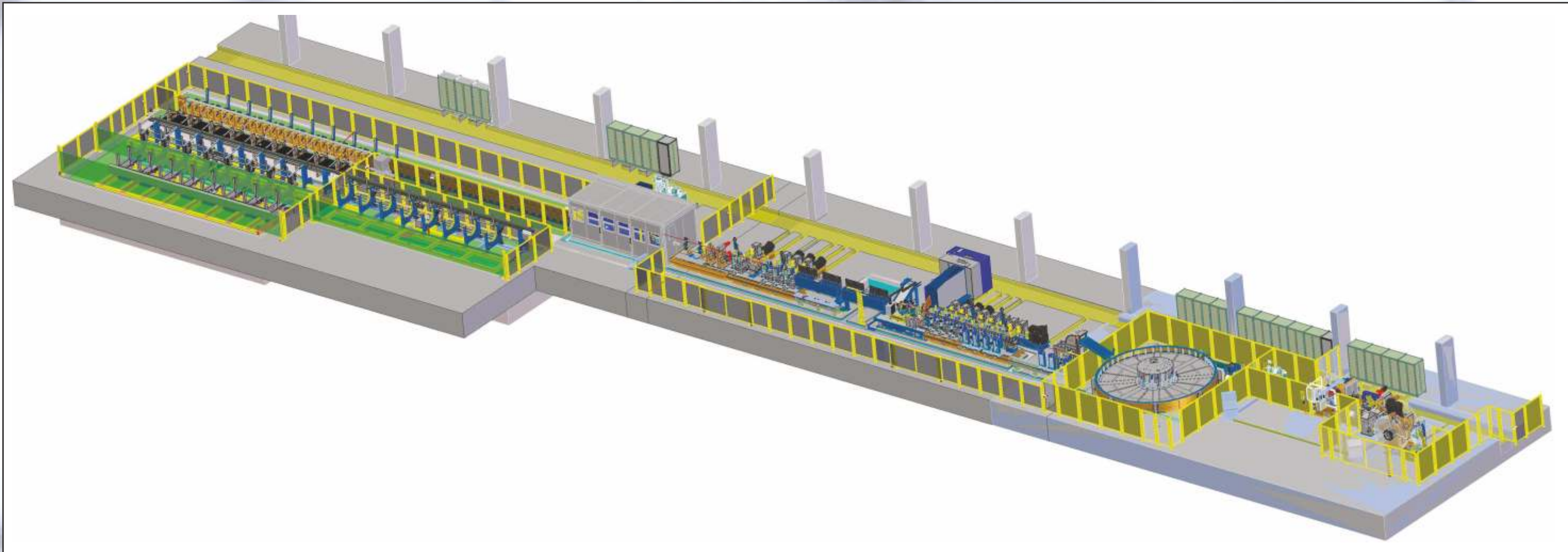
- COPRA Roll Form software for open & welded sections Roll Designing
- A full fledged CAD based design section backed by professionals with decades of field experience
- 3D Modeling on the Solid Works and Solid Edge Platform
- Gear Design using KISS soft gear design software
- Developing solutions customised bottlenecks of existing plants.

We are continuously to invest in upgrading our designs to improve performance and reduce overall cost to customer.



MAS TUBE MILL SIZE RANGE CHART

	TM 30/3-150	TM 60/3.5-150	TM 76/4-150	TM 90/4.5-100	TM 127/5.4-100	TM 195/6.3-80
OD (Min-Max)	12 - 35 mm	16 - 60mm	19 - 76mm	21 - 93mm	33 - 127mm	60 - 195mm
Square (Min-Max)	10x10-25x25mm	12x12-50x50mm	15x15-60x60mm	20x20-70x70mm	32x32-100x100mm	50x50-150x150mm
Rectangular (Min-Max)	20x10-30x20mm	20x10-66x33mm	20x10-80x40mm	20x30-100x50mm	25x50-122x61mm	60x40-100x200mm
Coil Weight (Max)	3 ton	6 ton	6 ton	6 ton	8 ton	13 ton
Line Speed Entry Line (Max)	375 m/min	375 m/min	375 m/min	250 m/min	250 m/min	200 m/min
Line Speed Weld Line (Max)	150 m/min	150 m/min	150 m/min	100 m/min	100 m/min	80 m/min





TUBE ROLLING MILL PROGRAMME

We specialize in the supply of various equipments for high productive Tube mills and providing dedicated solutions for each individual customers requirement to enhance productivity and cost reduction.

- Driven Uncoiler.
- Higher Capacity Accumulator.
- Multi features to assist quick Roll change.
- Increased Weld efficiency.
- Motorized Turk head.
- High Speed Cold Saw.
- Special Runout Conveyors for smooth Bundling.

Tube Mill For Production of :

- Furniture/Decorative Tubes
- Mechanical Tubes
- Boiler & Heat Exchanger Tubes.
- Automotive Tubes
- Structural Tubes
- Window/Door applications Tubes
- Water/Air/Steam Tubes
- A.P.I Tubes

Tube mills for mild steel/stainless steel (ferritic/non ferritic) and low/micro alloys materials.



Technology Agreement with M/s Seuthe GmbH, Germany

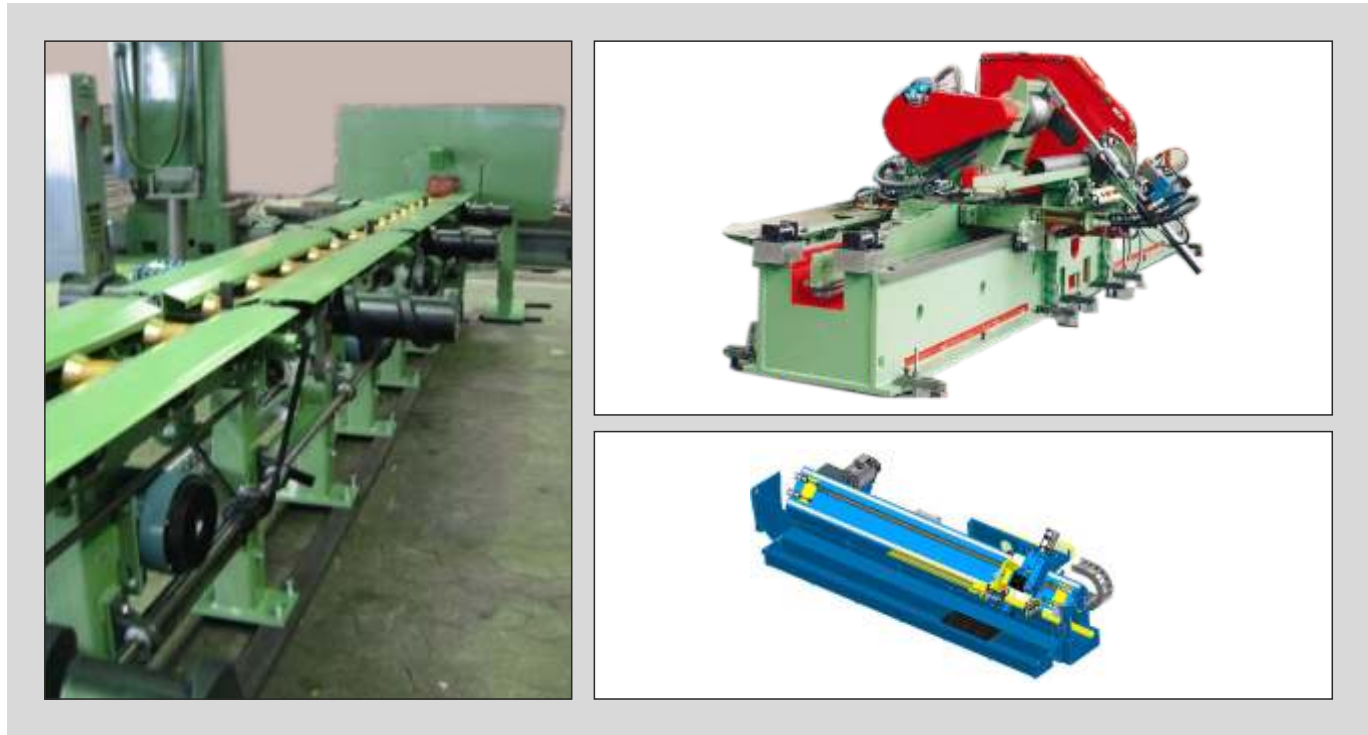
With an extremely dedicated Human Capital, World class manufacturing facilities, stringent quality control and a wide exposure of successful implementation of projects from concept to commissioning, PPRM has been able won the confidence and trust of SEUTHE to produce and deliver quality jointly as per MAS tradition of total customer satisfaction. PPRM is pleased to announce the “Signing of Licensee Agreement with SEUTHE” for sale and manufacturing of classic tube and profile mills, under the brand name of “MAS TUBE MILLS made in India” and start operations under our new venture PP Tube Mills Mfging Co Pvt Limited (PPTM) which will manufacture lines up to 195 mm which will be sold in the markets of the Indian Subcontinent and Africa. By this agreement PPTM expects to meet the growing market demand of high quality & high productivity modern tube and profile mills for the customers.



STRIP PREPARATION AREA



FINISHING AREA



FORMING AREA



ROLLS FOR OPEN WELDED SECTIONS





TUBE MILLS: COMPLETE MILL DESIGN FOR TURNKEY PROJECTS



PPTM INFRASTRUCTURE



We are a multi - site business, developed over the years to ensure the highest level of efficiency and product quality while delivering optimal cost solutions to the customer. Our facilities consist of:

Spread over 25000 Sqm covered area the following facilities are available

- Assembly
- Gear Shop
- Fabrication
- Paint Shop
- Facility
- Testing laboratories
- Inspection Bays
- Stock yard for Raw Material and finished goods
- Store Areas

COMPLETE TURNKEY PROJECTS FOR THE ERW TUBE MILL INDUSTRY

- PPTM has been providing complete project solutions (for layout design, Utilities, Building design Civil and Foundation Work Supervision, Erection and Commissioning, Establishing Production & Mill setting Sops and Productivity Improvement) for ERW Tube Mills.
- Our highly qualified and experienced team is instrumental in providing value added solutions for the ERW Tube Mill Industry.
- PPTM has modern facilities with some of the best European made machines equipped with latest State of the art CNC machines. This coupled with Quality Assurance plans and inspection procedure ensure quick and smooth implementation of projects.
- PPTM Provides consultancy for setting up world class ERW Tube Mills



Unit I

Our modern machine shop consists of some of the best European made machines including:

- CNC Machining Centers
- Horizontal and vertical borers
- CNC Gear grinding machines
- Gear hobbing machines
- CNC Gear testing machines
- Cylindrical grinding machines
- Dynamic Balancing machine
- Lathe and Milling machines
- CNC Profile cutting & welding machines
- CNC Lathes
- EOT Cranes upto 40 T



Unit II



Unit III



JISHUKEN CENTER OF EXCELLENCE



Implementation of Lean and Kaizen in ERW Tube Mills & CDW Plants

Become a least cost producer with
World Class Quality and Delivery

Key to Future Survival

Jishuken Center of Excellence has expertise in productivity improvement in the ERW Tube Mills and CDW Industry. We implement Lean and Kaizen strategies for industries in India and abroad.

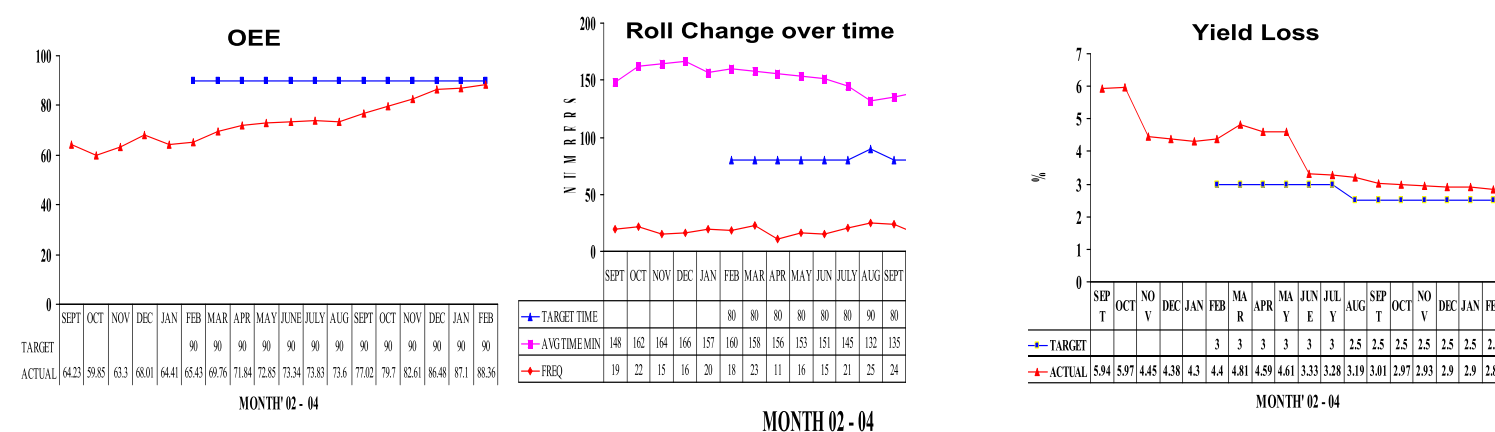
- Hourly Production Measurement/Control
- Measure Value of Each Loss
- SOP for all Operation Activities

Actual Achievement in a Structural Tube Plant In India

Mills	Before	After Kaizen Implementation	Increase
4" Mill	4632	8261	
2.5" Mill	4162	6977	
10 " Mill	2278	2646	
2" Mill	2617	4378	
Total Prime Production	13690	22262	63% increase overall

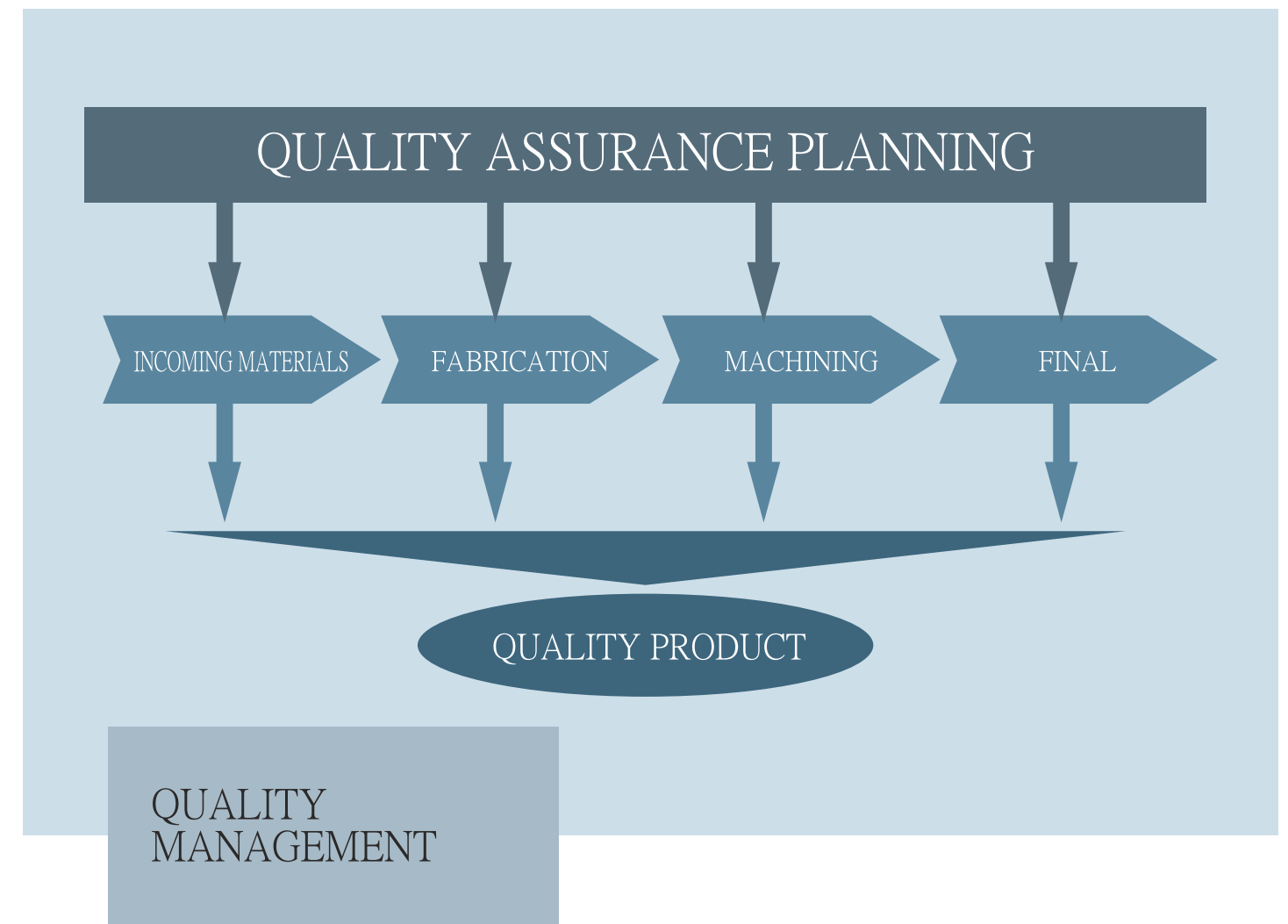
Actual Achievement in a Automotive/Precision Tube Plant In India

Actual client figures



Tangible Benefits from Current status in a reasonable period of time

- Productivity increase by 30%
- Defects reduce by 50%
- Breakdown reduce by 50%
- Changeover time reduce by 60%
- Lead time reduce by 30%
- Floor space free by 30%
- Inventory reduction by 30%
- Overall cost reduction by 30%
- Profit increase by 30%



We the management, staff and employees of PPTM strive to continuously improve the effectiveness of our quality management system

We are also committed to fulfill the needs of our customers with the highest degree of commitment to ensure total customer satisfaction

Continuos improvement & on time delivery

Right quality first time every time

NCR Handling

In case of NCR (defect/deviation beyond the acceptable limit) we follow the following:

- Record the defect/ deviation in form of NCR
- Share NCR with our customers
- Jointly take corrective action
- Create preventive action
- Implement preventive action for future jobs.





To Achieve a Quality Product we do inspection at different stages

Incomming & at supplier end.

- Plates
- Structural Steel
- Forging
- Casting
- Bop
- Machining

Inprocess in Shop

- Fabrication
- Machining
- Sub-Assembly
- Assembly

Final Inspection

- Fabrication
- Machining
- Assembly
- Testing

List of Testing facilities

- Chemical Testing Lab for material Testing
- Metallography Lab for testing metallurgical & Hardness
- NDT Testing
- Digital Instrumement for Dimensional checking
- Vibration Analysis
- Noise Level Testing
- Surface Finish Cheoline
- Full Assembly Testing

Certificate

Standard **ISO 9001:2008**

Certificate Registr. No. **85 100 001 14129**

Certificate Holder:

TÜV Rheinland (India) Pvt. Ltd. Certifies:

P P ROLLING MILLS MFG CO. PVT. LTD.
H. O.: Plot No.-I-42, DLF Industrial Estate, Phase-1,
Faridabad - 121 003, Haryana, India.

Unit-1: Plot No.-39, Sector-27 C,
Faridabad - 121 003, Haryana, India.

Unit-2: Plot No.-70, Sector-25,
Faridabad - 121 004, Haryana, India.

Unit-3: Plot No.-928-956, Sector-58,
Faridabad - 121 001, Haryana, India.

Scope:

Design, Manufacture & Installation of Rolling Mill Plants. Fabrication and Machining of Heavy & Light Equipments.

An audit was performed, Report No. 14129. Proof has been furnished that the requirements according to ISO 9001:2008 are fulfilled.

The due date for all future audits is 20 - 08 (dd.mm).

Validity:

The certificate is valid from **2014-12-12** until **2017-12-11**.



9102NABCB00

Bangalore 2014-12-12

The Certification Body of
TÜV Rheinland (India) Pvt. Ltd.

The validity of this certificate is subject to timely completion of Surveillance audits as agreed in the Contract.
The validity of the Certificate can be verified under 9001:2008 with the Identification No. 9102044135

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TÜVRheinland
Precisely Right.

CIN: U72901KA1999PTC020653