

ERW/CDW  
PRECISION TUBES

## Good Luck Steel Tubes Ltd.

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## Good Luck Industries

(A Unit Of Good Luck Steel Tubes Ltd.)  
A Govt. of India Recognized Export House

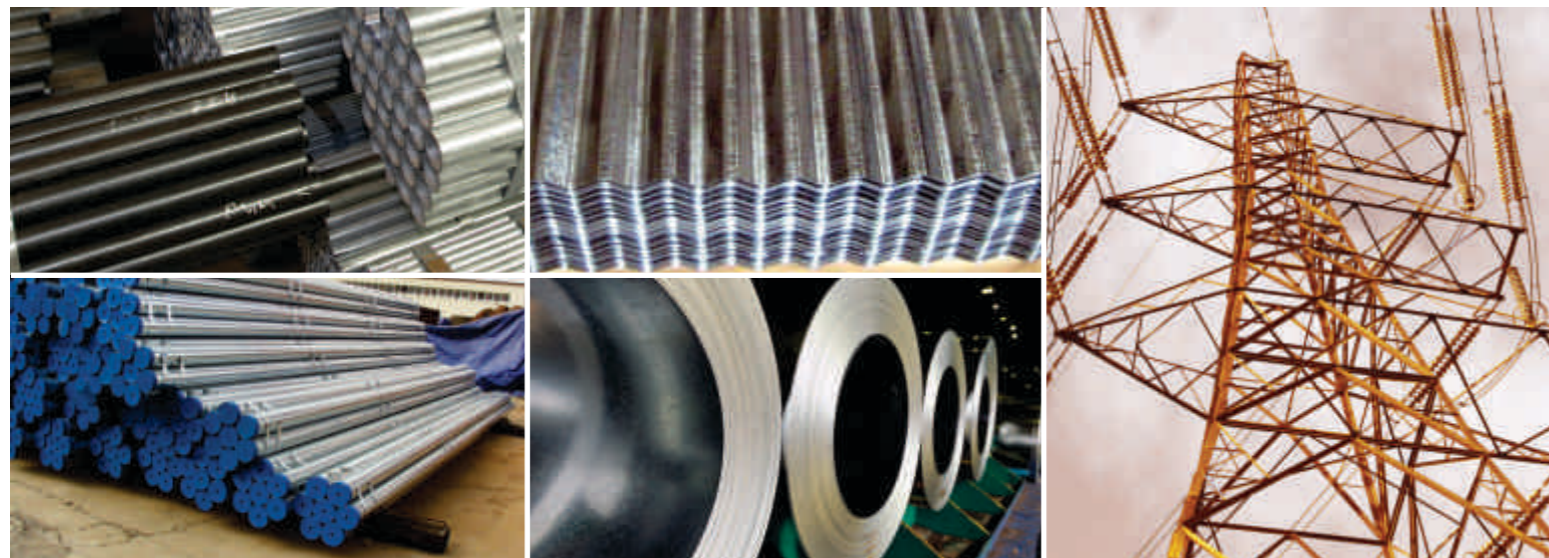
# “ A Versatile Business Group with Strong Foundations ”

Good Luck Group a manufacturer and exporter of a wide range of ERW Hot Dip Galvanized Pipes, Black Pipes, Black & GI Hollow Sections, CR Coils, CRCA, Galvanized Plain & Corrugated Sheets, ERW Precision & CDW Tubes, Power & Telecom Towers, Forged Flanges, Bars and Bright Bars, was established over two decades ago. With its innovative and progressive approach the group today is one of the leading and fastest business groups in the Steel Industry. An ISO 9001 certified organization, Good Luck group operates under three verticals; Good Luck Steel Tubes Ltd., Good Luck Industries and Good luck Engineering Co.

# “ Infinite, The possibilities we aspire ”



## Good Luck Steel Tubes Ltd.



**Galvanised Tubes & Pipes**  
 Black Pipes  
 Black & GI,  
 Square & Rectangular Sections  
 ERW Precision Steel Tubes  
 Grooved Pipes

**CR Coils**  
 CRCA  
 GP/GC

**Towers & Fabricated Structures**

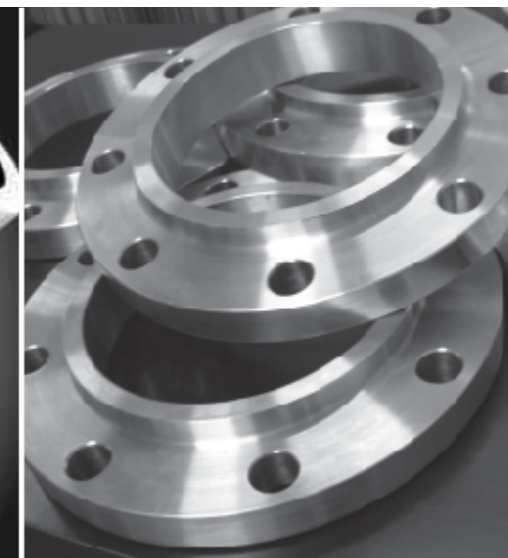
We have an advanced manufacturing unit located at Bulandshahar District of Uttar Pradesh, (India) facilitating fabrication of steel products in bulk quantity. A thorough inspection by Internal as well as external distinguished agencies such as DGS & D, RITES, BHEL, Bureau Veritas, LRIS, QSS, TUV, EIL, CEIL, NTPC, PGCIL and SGS ensures highest quality in our product range. Our products are certified by Bureau of Indian Standard (National Standard body of India) and also covered under CE certification. As a group we have always strived for continuous expansion and constant growth.

## Good Luck Industries

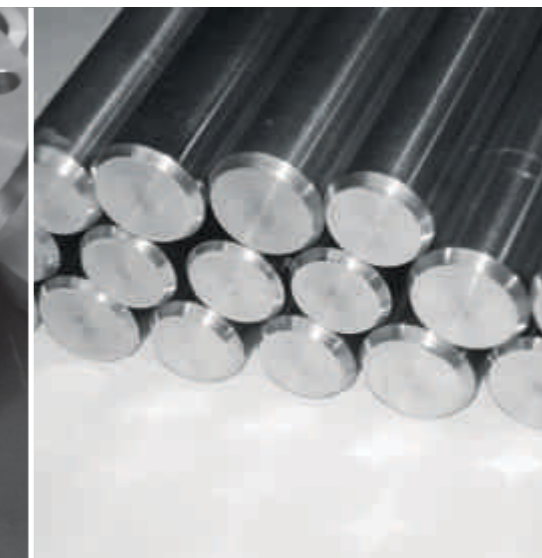


**Precision Tubes**  
 CDW Tubes  
 Boiler Tubes  
 Air Heater Tubes

## Good Luck Engineering Co.



**Flanges**



**Bright Bars**

## Good Luck Industries

Good Luck Industries is an ISO-TS-16949 certified company and Government of India Recognized three star export house. Incepted in year 2007, this company has made its presence worldwide in the field of ERW\CDW precision Tubes. For various applications in the field of Automotive Industries, Bicycle Industry, General Engineering, Textile Industry, Boilers, Air-Heaters etc.

We are manufacturing ERW/CDW precision Tubes as per various National/International Standards Our products are regularly inspected by various Third Party inspection Agencies both from National & International sectors viz. SGS, Bureau Veritas, Lloyds, QSS, CROWN, TUV, etc.

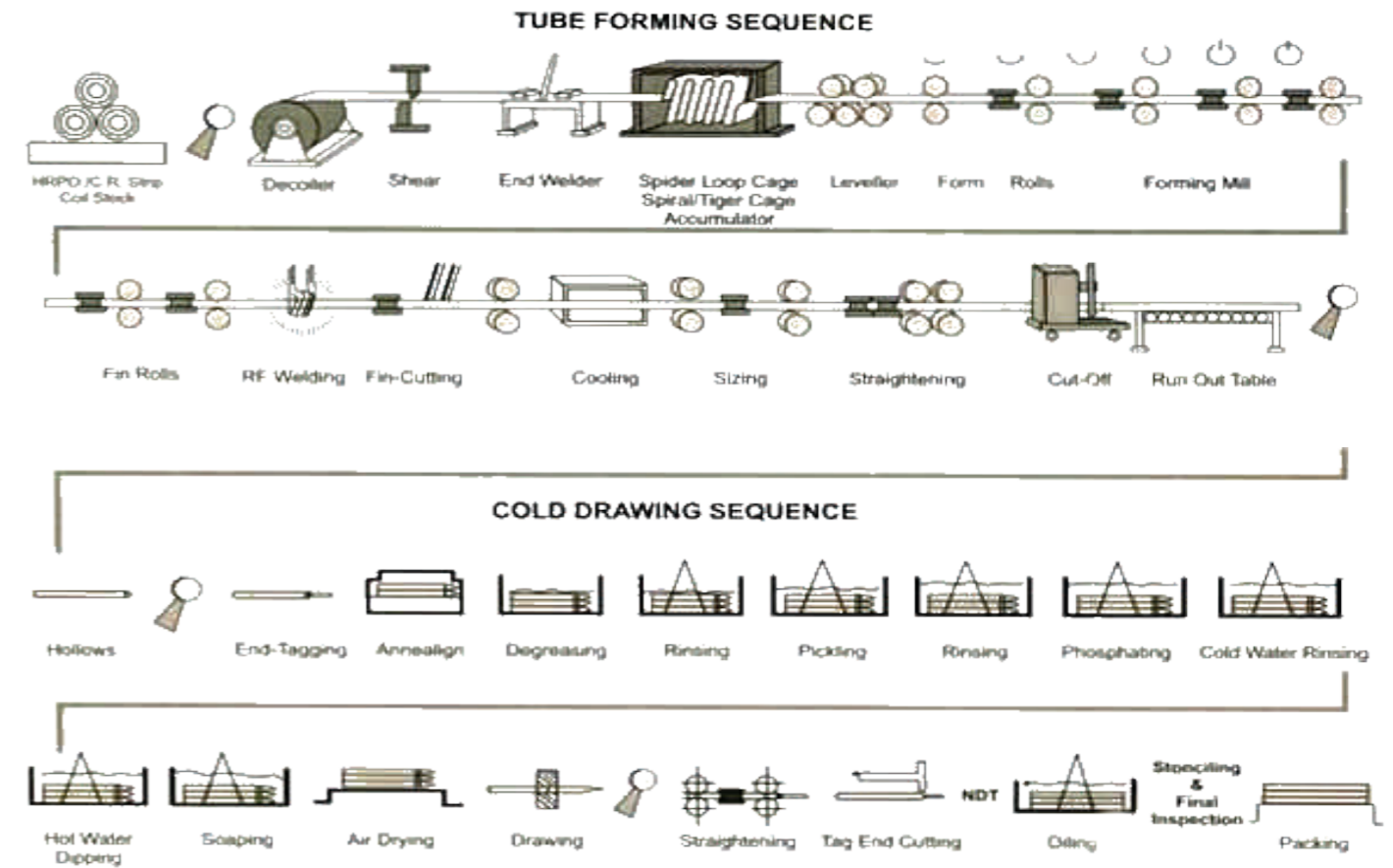
# “Methodical Approach, Refined Process”

Hot-rolled or cold rolled close annealed strips from indigenous as well as import source are used in the manufacture of tubes depending on end applications.

Manufacturing begins in a separate preparatory section where the initial raw materials are processed through the modern, strip-pickling plant to remove all surface defects before feeding into the slitting line. Then they are slitted in has required tube widths.



## Electrical Resistance Precision Welded Tubes Process



Mill has its own design specialities so that our wide range of products such as bright finish tubes, high tensile strength tubes, sectional tubes etc. are produced to the close precision required by our customers.

In the tube mill the tube is welded by the high frequency solid state welding process.

The induction coil encircles the strip which is formed into a tubular section by its progressive movement through sets of specially designed rolls. The butted ends of the tube are welded without any filler by electric resistance welding, which results in a close and tight weld-joint, free from inclusions and other defects, maintaining the parent material integrity. The final rolls situated towards the end of the tube mill ensure straightening and sizing of tubes.





## “ Well Defined Processes Timely Delivery ”

Sectional tube of rectangular or square sections may be achieved through specially designed, contoured rolls. Cold saw installed at the tube mill cuts the tube with close tolerance giving burr free & dimple free tube ends. The ERW precision tubes thus produced are collected in the turn-table.

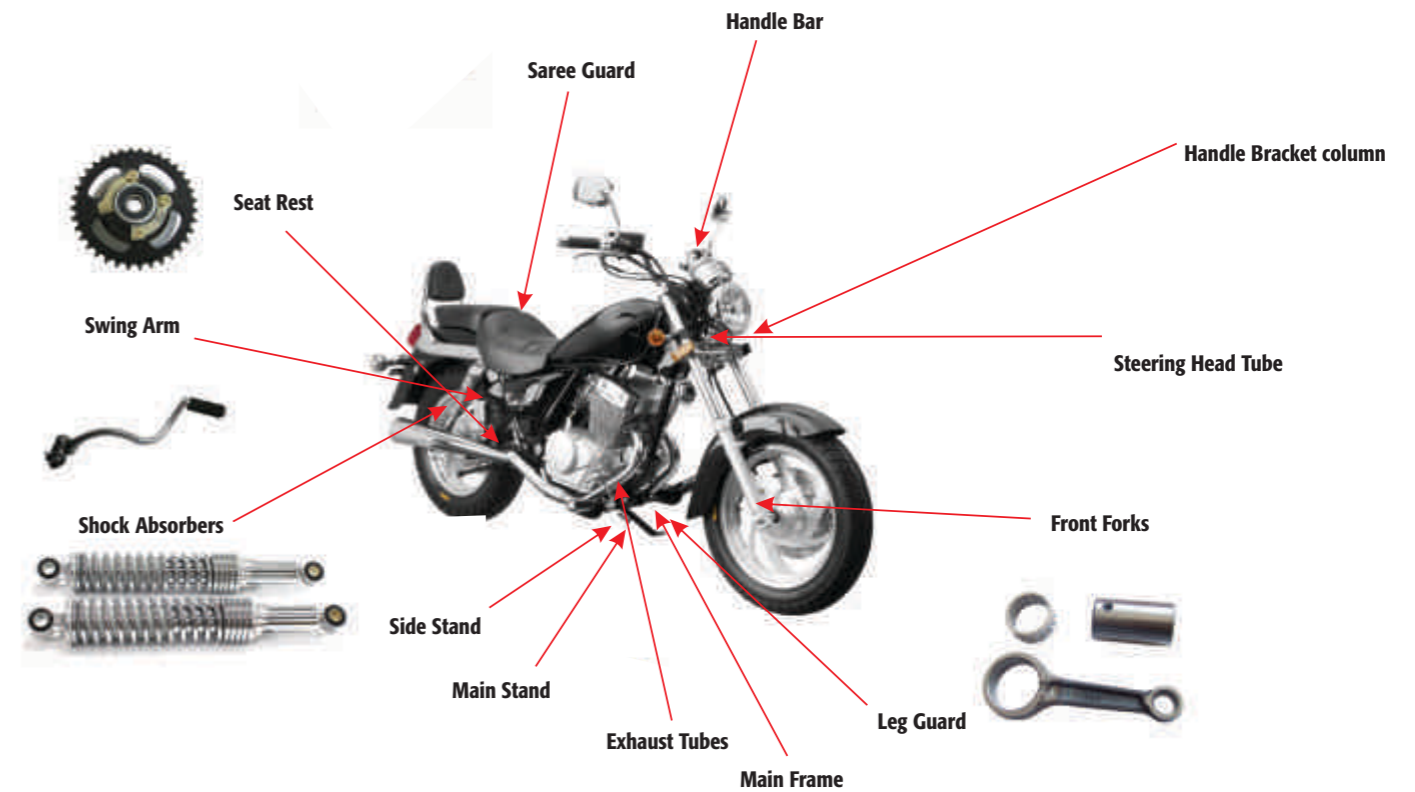
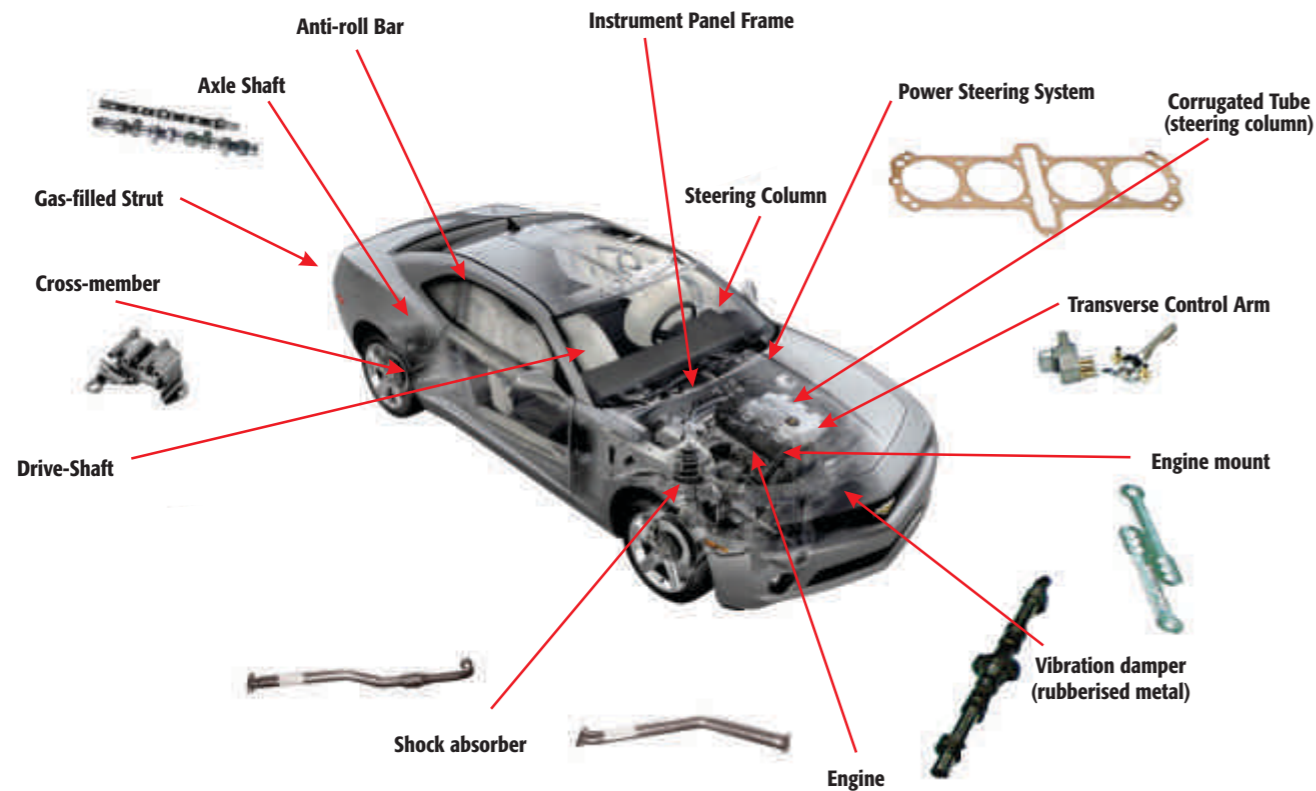
For special applications, the tubes are required to undergo a series of additional processes like annealing, pressure testing, eddy current testing, straightening or further cutting as per customer's requirements.

The facilities for special applications include the modern draw benches for manufacture of CDW precision tubes of close tolerances with a wide range.

CDW tubes are produced by drawing the EWR tubes from the tube mills through a plug and die combination, mounted on the draw bench. The tubes which are endtagged and annealed, are drawn through a closely machined die, which controls the outside diameter of the tubes. And simultaneously passes over a plug that controls its inside diameter.

The tubes thus produced are further processed by the downstream facilities available at our manufacturing plant, for a variety of end applications. These include the high precision bobbin tubes, front fork tubes for auto industry, cylinder bore tubes for shock absorber industry or tubes for pressure application as in boilers.

# “ Catering to Various Industries ”



## Boilers and Heaters

- Chemical / Sugar Industry
- Super Heater
- Paper / Process Industry
- Air Pre Heater
- Heat Exchanger

## General Engineering

- Bearings and Spindles, Trolley Handles  
Hydraulic and Pneumatic line,  
Electrical Conduit
- Oxygen lancing pipes, Cycle pumps, industrial chain roller, Gas stove lighter
  - Electrostatic Precipitations
  - Textile frames and Bobbins
  - Main beam for pedestal fans

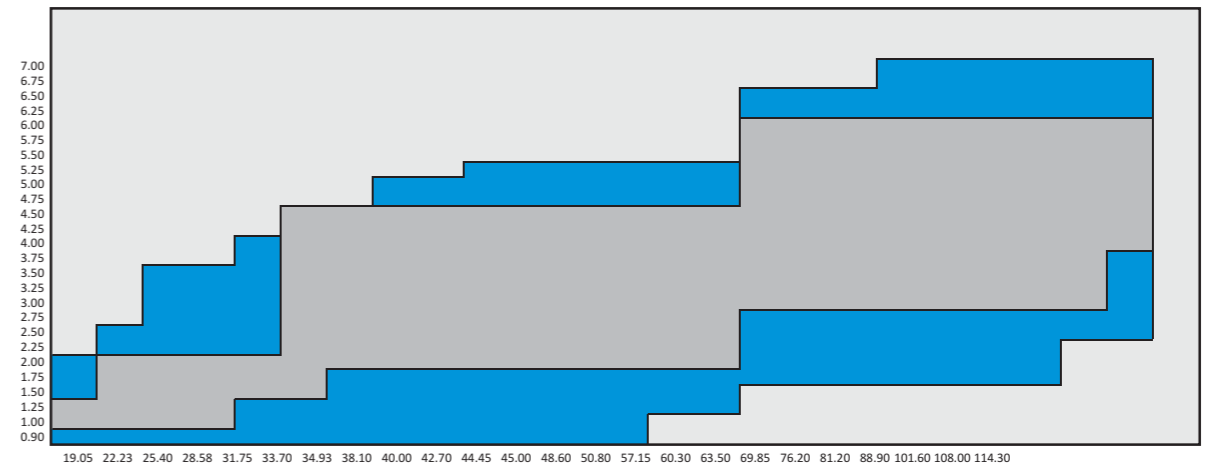
## Automobiles

- Front fork Top / Bottom
- Steering column
- Two wheeler main frame
- Bottom chassis
- Fuel tank spacer
- Swing arm
- Propeller shaft
- Seat frame
- Tie rod
- Rocker arm shaft
- Catalytic converter
- Fuel injection
- Side impact beams
- Four wheeler dash board frame
- Shock absorber
- Silent blocks
- Control arms
- Gear Shift lever

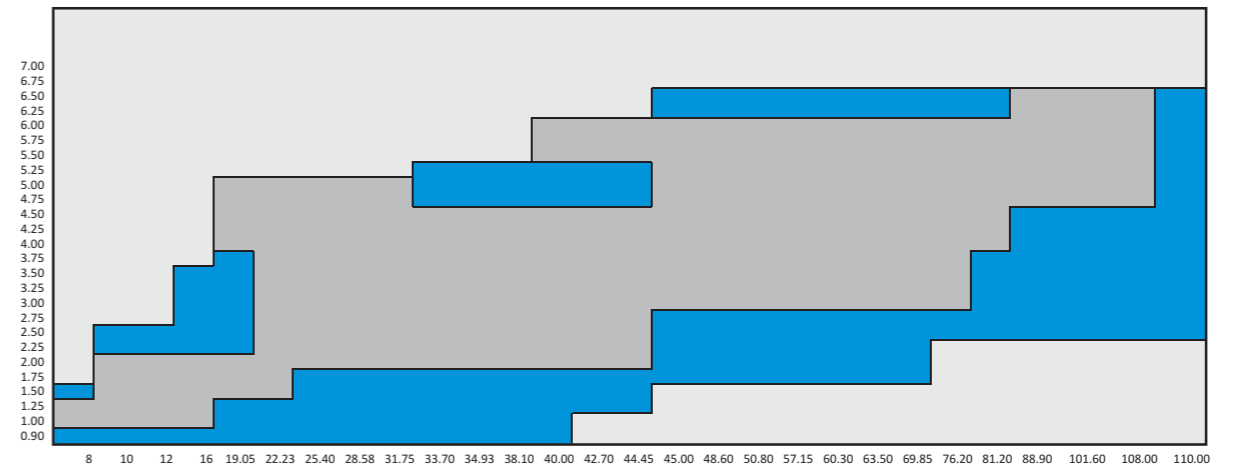
# “ Comprehensive Manufacturing program range ”



ERW ( OD 19.05 – 114.30 mm, THK. 0.90 - 7.00 mm )



CDW( OD 8.00 – 110.00 mm, THK 0.90 - 6.50 mm )



Standard Product Range (Blue) Product Range Extended on Customer's Request (Grey)

## Specifications of Tubes

### EQUIVALENT STANDARDS - TUBES

EQ-Standards Industry	Indian IS	British BS	Japanese JIS	German DIN	American ASTM/API	Any Other Standards
Bicycle Tubes	IS 2039 (parts 1-3)/1991	BS 1717/1983				
Automobile Tubes	IS 3074	BS 6323/1982	JIS G 3445/1983	DIN 2393/1994 DIN 2394/1994	ASTM A513/1994	
General Engg. Tubes	IS 3601/1984	BS 6323/1982	JIS G 3445/1983	DIN 2393/1994 DIN 2393/1994		
Boiler Tubes	IS 1914 (parts 1-4)/1982	BS 3059 (part-1)/1987 BS 3059 (part-1)/1990	JIS G 3461/1984		ASTM A53/1993 ASTM A214/1990	
Propeller Shaft Tube						Customer Specification
Air Heater Tubes	IS 3601/1984	BS 3059 (part-1)/1987	JIS G 3461/1984		ASTM A214/1990	
Transformer Tubes	IS 8036/1976					
Oil Pipes	IS 1978/1982 /1979	BS 1387/1985	JIS G 3452/1983	DIN 17177/1979	API 5L Gr. A/1995	
Shock Absorber Tubes	IS 3074/1979		JIS G 3452/1983	DIN 2393/1994	ASTM A513/1994	Customer Specification
Furniture Tubes	IS 7138/1973		JIS G 3445/1983			
Heat Exchanger Tubes		BS 3606/1982	JIS G 3461/1984	DIN 17177/1979	ASTM A178/1990 ASTM A214/1990	
Structural Tube	IS 1161/1979	BS 7613/1994	JIS G 3444/1984		ASTM A 500 Gr. A/1993	
Idler Tubes	IS 9295/1983					
Sectional Tubes	IS 4923/1985		JIS G 3466/1982		ASTM A500 Gr. A 1993	
Telescopic Front fork Tubes						Customer Specification
Bobbin Tubes for Textile Machinery						Customer Specification
Casing & Tubing					API 5CT/1995	
Hydro Carban & Process Industries	IS 6286				ASTM A53	
Condenser Tubes	IS 1914 (PT-IV) IS 246 (PT-V) IS 11714 (PT-III)					

\* All above specification shall be applicable as per latest editions

# “ Recognized by Experts ”

## Awards & Certifications

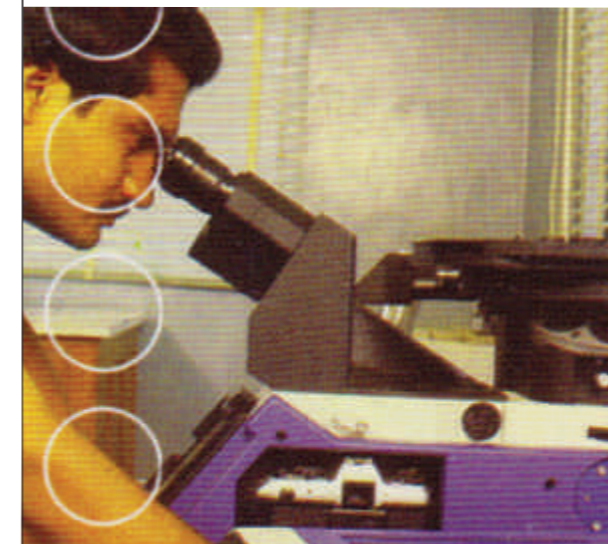
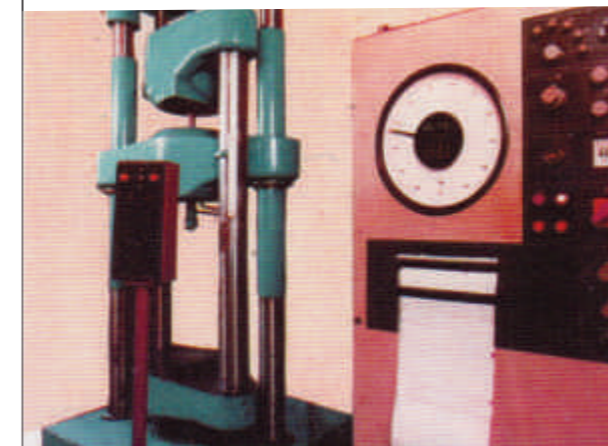
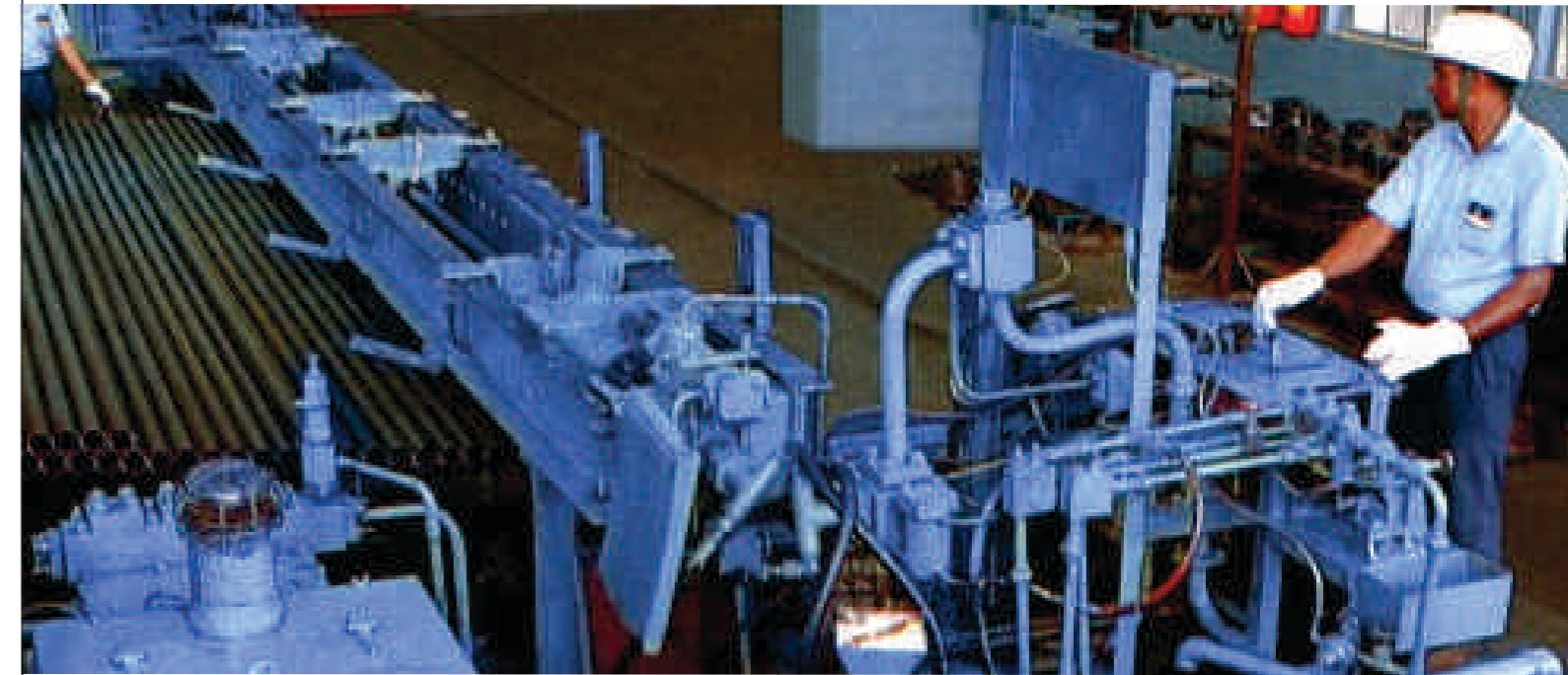
Quality Assurance begins at the raw material stage itself. Material is inspected for chemical composition and tested for other parameters like mechanical properties, gauge variation etc. for a total evaluation of the raw material to ascertain its suitability for the intended end-use applications. At the surface-pickling operations, the material is checked for surface finish before it is fed into tube mills.

At the tube mills, each product for the customer is processed according to the norms sequenced by the process control engineers based on stringent international standards and monitored through uncompromising quality control tests of every stage.

Towards this purpose, the engineers are guided by the latest equipment at our R&D centre that include Leco Carbon apparatus, scanning electron microscope, atomic absorption emission spectrophotometer, universal microscope and micro hardness tester. These facilitate all the requirement metallurgical tests on the materials.

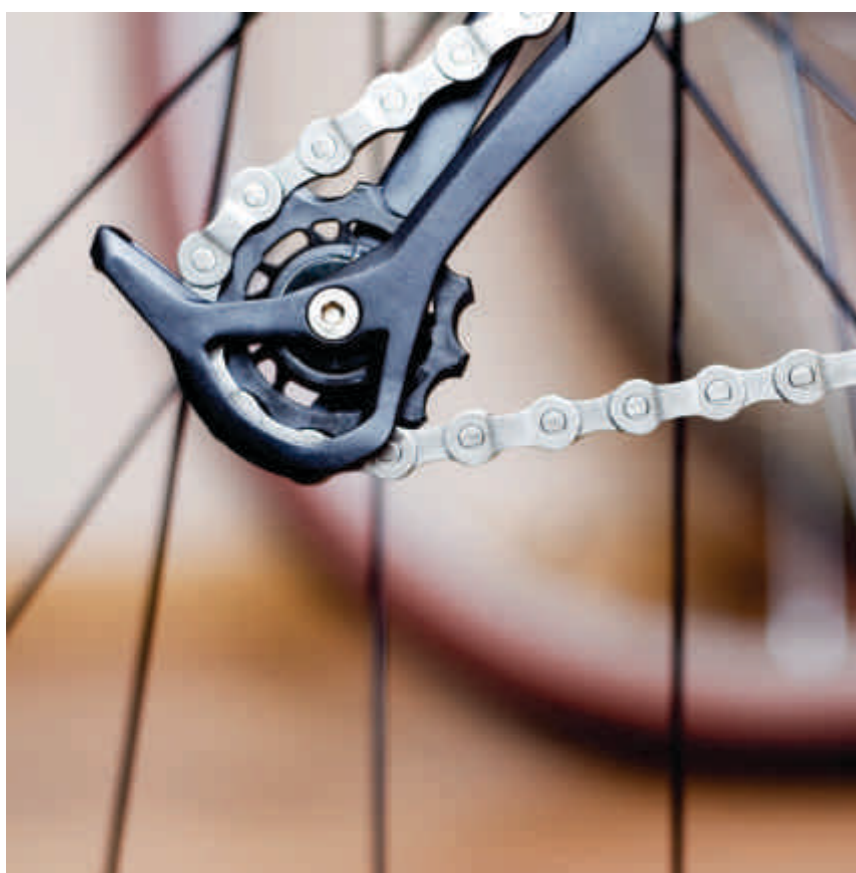
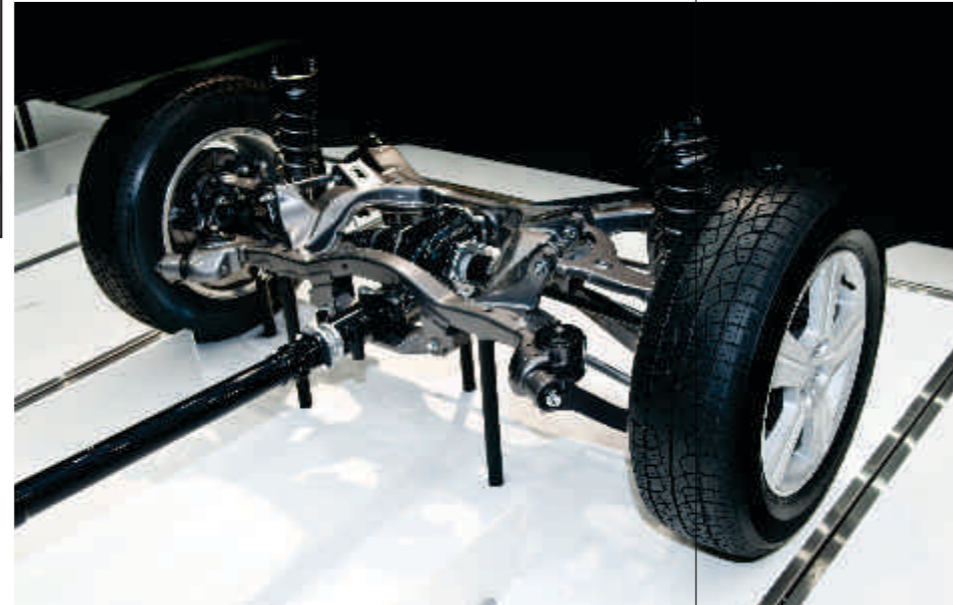


Hon'ble Commerce Minister (Govt. of India)  
Presenting Award to Shri M. C. Garg (CMD.)



“ Playing Our Role in Transporting Resources, Assisting Development ”

“ The Highest Focus on Engineering Excellence ”



- Cycle Industry  
Cycle frame, forks, hub tubes
- Chain  
Automotive, Industrial and Cycle chains
- Automotive Industry  
Two/Three Wheelers  
Car, LCVs and HCVs, Chassis Tube
- Bus Body Building  
Main Beam Tube  
Automobile Axle Tube  
Shock Absorbers  
Propeller Shafts  
Steering Columns  
Tie Rod and Drag Links  
Exhaust Tubes, Aluminised Tubes  
Front Fork Tubes for Two Wheelers  
Hydraulic Line Tubing
- Boilers and Heat Exchanges  
Chemical Industry, Sugar Industry  
Paper Industry, Process Industry
- Oil Industry  
Line Pipes to API specification
- Furniture Industry  
Construction Industry  
Machinery Manufacture  
Air pollution control Equipment  
Railway Coaches  
Electrical Industry  
Transformers, Fan Down Rods  
Conduits