



**COPPER WITH A DIFFERENCE...
OUTSTANDING EXCELLENCE**



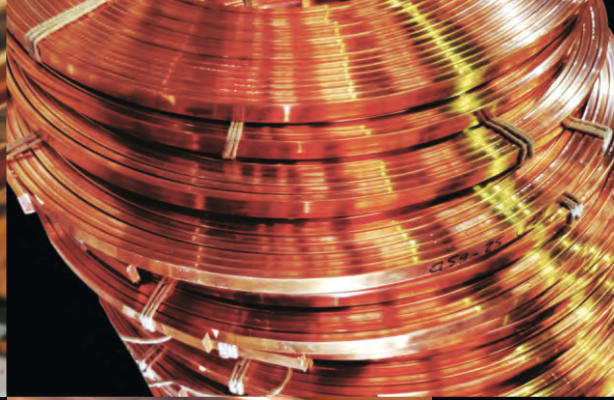
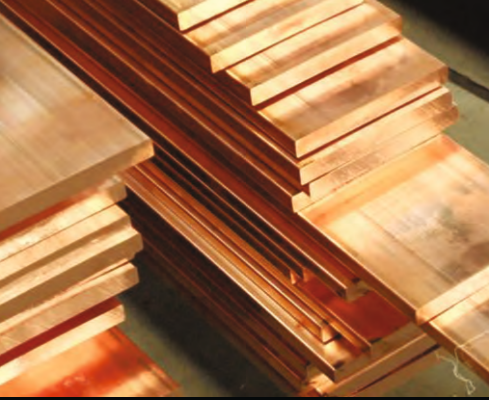
Think Copper. Think Eastern Copper. An organization recognized in the Indian industrial scenario as a major producer of critical industrial copper semies.

We have over time, established our identity as a reliable front-ranking manufacturer of quality products, both in the domestic and international industrial marketplace. By identifying new application areas, innovating new processes and upgrading product range, we fulfill the competitive edge required to stay ahead in today's fast paced markets.

Product upgradation and quality control are an integral part of our marketing and manufacturing strategy at Eastern Copper. Constant interaction with the customer to define changing needs and intensive study of market demand, are the critical factors that enable us to identify and focus on need based production planning, to cater to the requirements of an ever expanding consumer base.

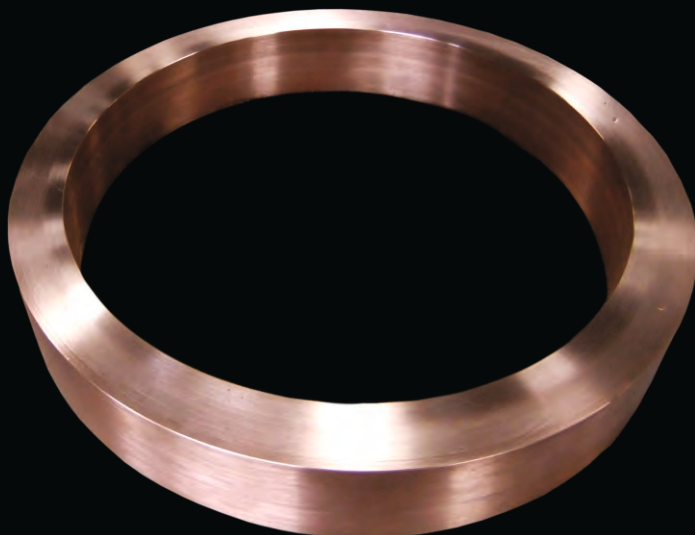
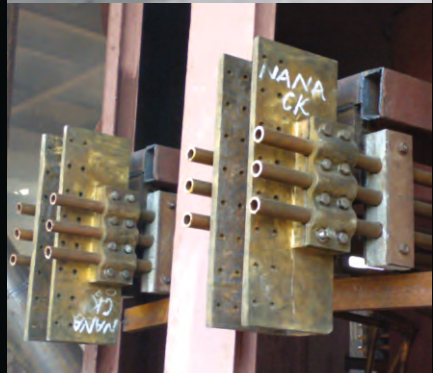
Vision

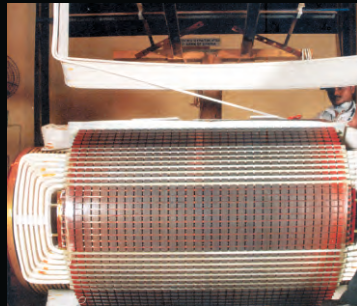
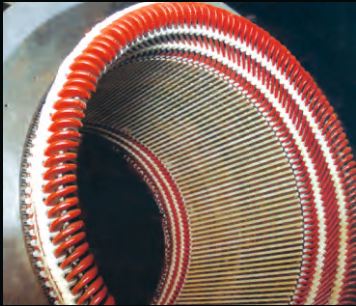
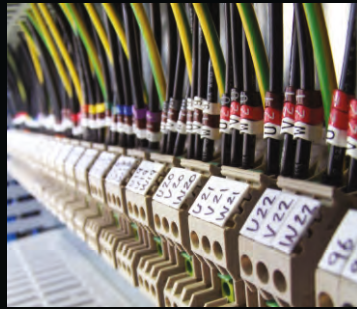
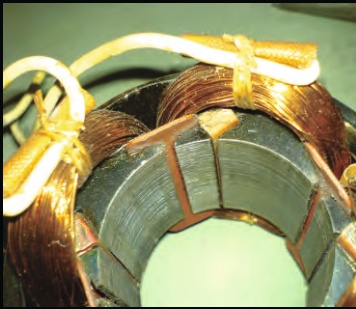
Our company aspires to be a global player in offering inimitable copper products that combine superior performance, value pricing and excellence in quality standards, while focusing on distinctive services to all our customers.



Product Range

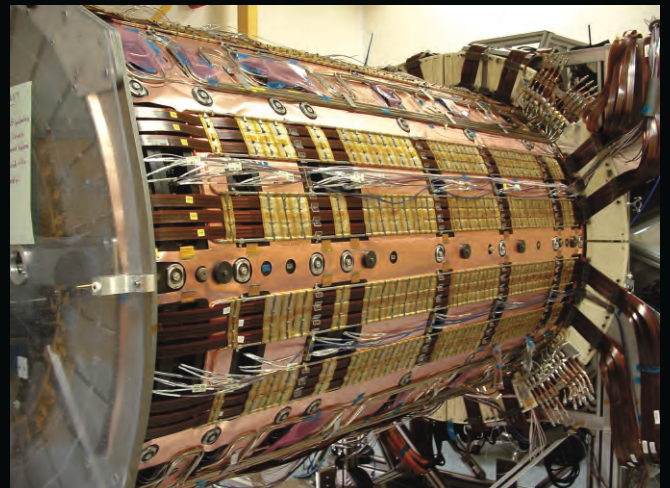
- Oxygen free Copper
- Busbars, Flats, Strips, Pipes, Rods, Wires
- Tin-plated Busbars & Wires
- Copper Profiles for Commutators
- Special Profiles
- Anodes
- Forged and Cast Copper Contact Clamps, Shoe, Lugs, Equalizer, Terminal Plates & Pressure Rings
- Forged and machined Copper components as per customer's drawings
- Forged Copper Ring
- Extruded and drawn Copper Bus Tubes
- Flexible Jumper Busbar
- Bunched & Stranded Copper Cable
- Water Cooled Cables
- Cotton covered, Paper covered, Varnish bonded fiberglass covered, Nomex covered round and rectangular Copper Conductor.





Application Areas

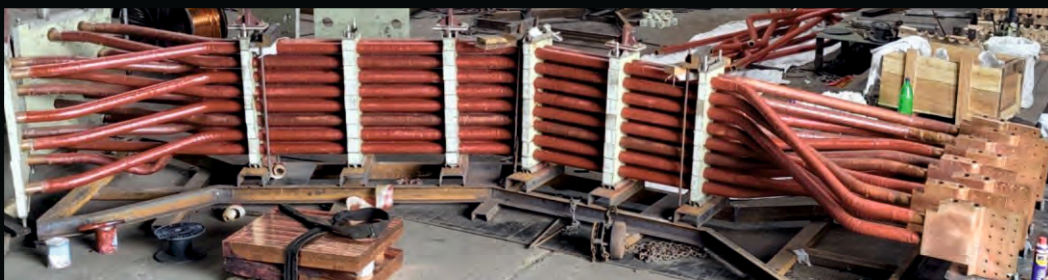
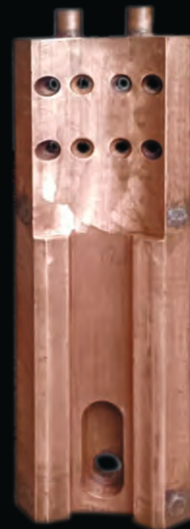
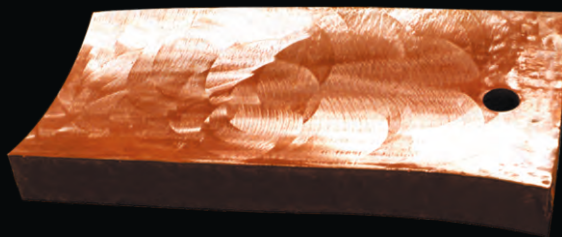
- Railways
- Chlor-Alkali Plants / Ferro Alloys
- Telecommunications
- Distribution Transformers
- Air Circuit Breakers
- Control Panels
- House Wiring
- Electric Motors / Traction Motors
- Power Generators
- Overhead Lines
- Plating



Usage of Copper in Ferro Alloys Industries

Years of experience with various Ferro alloy producers has given us a unique edge in terms of design and production of Contact Clamps. A dedicated vendor base of experienced foundries and forging plants has resulted in us delivering top notch quality Contact Clamps to our customers. A slew of design improvement over the years has resulted in a top quality / world class Clamps.

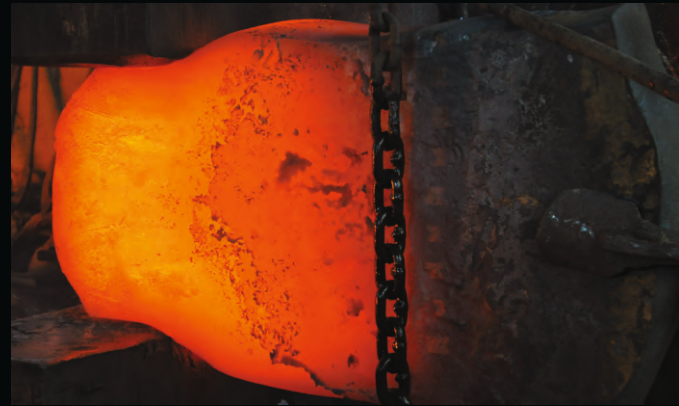
- Contact Clamp cast in 85/15 CuZn, Pure cast copper, Forged electrolytic copper
- Copper Bus Tube
- Copper Transformer Flexible
- Copper Busbar
- Cable Lug
- Equaliser/ Terminal Plate



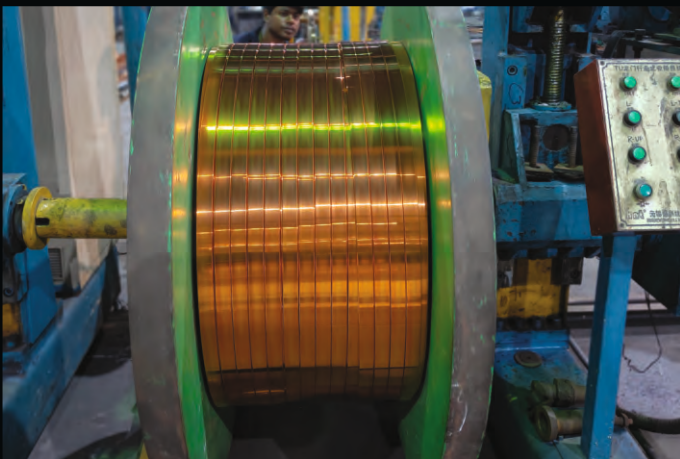
Production Process

Other operations such as Annealing, Pickling, Winding, Straightening or Cutting to length are needed in each process for the manufacture of the semi-finished products.

- Casting
- Drawing
- Forging
- Extrusion
- Hot Rolling
- Machining
- Cold Rolling



Forging of Copper



Eastern Copper Production Area



Continuous Extrusion

Eastern Copper uses the Continuous Extrusion process, which is a unique process for copper sections. Oxygen Free/ETP Grade Copper Wire Rods are used as feedstock into the Continuous Extrusion machine. The copper rod is passed into the rotating extrusion wheel and fed into the extrusion zone, where pressure and temperature enable the material to plasticize, making it available for extrusion.

At this point the material is introduced into a die chamber and is forced to extrude through a die suitably designed for the section required. The pressure and temperature required for extrusion are principally generated by main drive motor, which turns the extrusion wheel.

The copper rod is extruded to size, as per customer's specification such as copper bars, rod, profiles, or copper tapes. While hot, the copper is quenched directly to water, resulting in grain structure, a process superior to any other, which prevents oxidation of the surface.



Conventional Extrusion

Extrusion is often quite accurately compared with squeezing toothpaste from a tube. During extrusion, the billet, heated to the proper hot-working temperature, is placed in the chamber of an extrusion press. The horizontally mounted chamber contains a die at one end and a hydraulically driven ram at the other. The face of the ram is fitted with a dummy block that is slightly smaller in diameter than the billet. The ram may also be fitted with a piercing mandrel, or, if the billets are hollow, with a rod that matches the diameter of the cast hole in the billet but is slightly smaller than the hole in the die at the opposite end of the chamber. As the ram moves forward, the copper is forced over the mandrel and through the hole in the die, causing a long hollow tube, about 2 3/4 inches (70 mm) in diameter and 87 feet (26 m) long to squirt out of the extrusion press (the length can vary depending of the capabilities of each mill). Just like toothpaste, only hollow.



Metal near the surface of the billet extrudes backwards over the undersized dummy block, forming a shell. This shell contains copper oxide and is therefore removed and recycled to the refining furnace. As the extruded tube emerges from the die, rollers carry it along on a long run-out table so that it remains straight until it is cool enough to handle. The tube is then cleaned to remove surface oxide scale in preparation for the next stage in the tube-making process.

Product Specifications

DC High Current Busbar System

Eastern Copper is involved in the design, manufacture and supply of busbar systems and components for the electrochemical refining industry.

We specialize in manufacture of high current, low voltage, open type Busbar system and fabricated components for heavy industrial electrical application such Chlor-Alkali, Calcium carbide, Ferro Alloys, Zinc Refineries etc.

Due to large currents involved the system use heavy sections of Copper to conduct the electricity. Eastern Copper specialize in manufacture of heavy section of Copper Busbars.



Product Range

Width : 200 mm to 350 mm

Thickness : 15 mm to 40 mm

Length : 1 Mtrs to 4 Mtrs

Bare or Tinned

Product Specification

ISS : ETP 191 Pt V

ASTM : B 187/C 11000

BS EN : 13601/CW004A

Chemical Composition : CU 99.9% Min



Product Specifications

Water Cooled Cables

High Current Cables with round or flat connection are offered with cross section between 95 mm² to 6500 mm². Water Cooled Cables are with Carbon free heat resistant asbestos covered hoses and EC grade Copper conductor with both the sides having copper thimble.

Product Application Areas:

- ❖ Widely used for power supply.
- ❖ Furnace.
- ❖ Induction and High Frequency Unit.
- ❖ Welding Machines.
- ❖ Resistance Heating Furnace etc.

Product Specification:

ISS	ASTM	BS EN	CHEMICAL COMPOSITION
	B 187/C 10200	13601/CW008A	CU 99.95% MIN OXYGEN 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	CU 99.9% MIN



L V Riser for Furnace Transformer

Riser are Brazed Copper Terminals carrying very high current outputs from furnace transformers. Ultrasonic Tested High Conductivity Copper Flats are fabricated and brazed with high end brazing technology.

Brazing with Silver Brazing Rods to ensure no leakages.

Product Specification:

ISS	ASTM	BS EN	CHEMICAL COMPOSITION
	B 187/C 10200	13601/CW008A	CU 99.95% MIN OXYGEN 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	CU 99.9% MIN



Product Specifications

Fusion Welded Copper Flexible Connectors

This type of Flexible connector is made of several electrolytic grade copper sheets/foils overlapping each other.

The contact resistivity in between each folio is almost zero, hence millivolt drop across the connector is negligible.

These connectors are of very high electrical conductive materials due to excellent molecular bonds. They are also ideal for coupling in areas subject to vibration.

The welded connection ends can be drilled, cut, and/or milled as per the drawing.

Product Application Areas:

- ❖ Expansion joints between busbars.
- ❖ Expansion joint between collecting bars and transformers, respectively generators and rectifiers.
- ❖ Expansion joints between engines and machine parts.
- ❖ Moving expansion joint in welding machines.
- ❖ Expansion joint in switchgears.
- ❖ Expansion joints in robots.

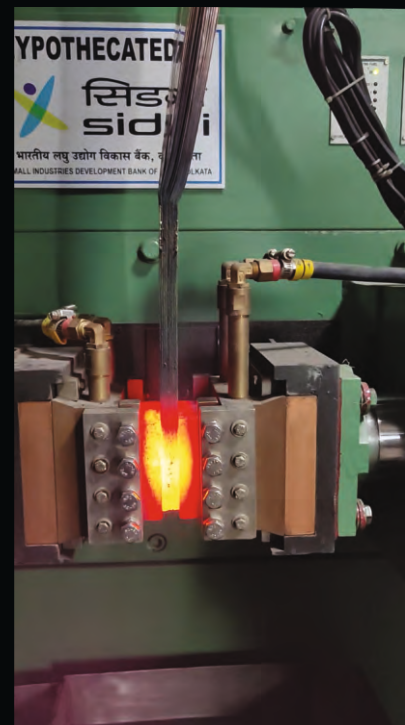
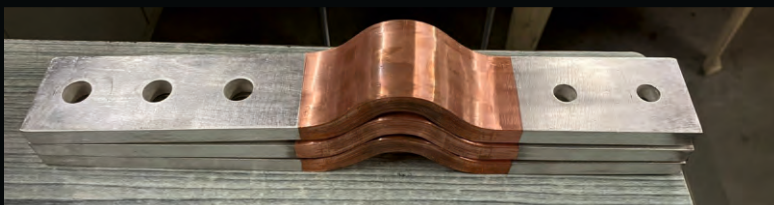
Product Specification:

ISS	ASTM	BS EN	CHEMICAL COMPOSITION
	B 187/C 10200	13601/CW008A	CU 99.95% MIN OXYGEN 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	CU 99.9% MIN

Thickness of Copper Sheets:
0.05 mm - 0.50 mm

Production Method:
Fusion Welding

Coating of Contact Areas:
Can be silver, tin or nickel plated upon specific thickness request.



Product Specifications

Bare Copper Tape



Product application area

Earthing, Lightning protection, General engineering, Electrical conductor, Induction Motors, Switchgears, Generators

Product range

Width : 12.5 mm to 50 mm
 Thickness : 1.5 mm to 8 mm
 Standard coil size : 20 to 50 Mtrs
 Temper : Hard/Half Hard/Soft
 Shape : Full Round/Slightly Round Edge/Square

Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Bare / Tinned Copper Round and Flat Braids



Production application Area

Busbar Connection, Earth Connection, Electrical distribution, Switchgears

Product Range

6 mm² to 400 mm²

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Copper Profile/Sections



Product area application

Switchgears, Panels, Traction Motors, General Engineering, Busbar, Power distribution, Control Panels

Product Range

Extruded shape as per requirement.

Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Product Specifications

Copper Round & Square/Rectangular Tubes



Product application areas Defence, Refrigeration, Air conditioning, Plumbing, Medical gas pipelines, Heating application, Engineering application, Electrical Conductors, Busbars etc.	Product Range Outside Dia (in mm) : 10 (min) - 80 (max) Wall thickness (in mm): 1 (min) - 12 (max) Length : Up to 8 Mtrs Temper : Hard / Half Hard/Soft
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Product Specification			
ISS	ASTM	BS	Chemical Composition
ETP	B 188 C 11000	2871 C101/C102	Cu 99.9% Min
DHP	C 12200	C 106	Cu 99.9% Min P 0.015-0.040%

Copper Rod



Product application areas Earthing, General Engineering	Product Range Size (in Dia) : 6 mm to 70 mm Length : 1200 mm to 3000 mm
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Product Specification			
ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Solid Copper earth Plate



Product Application Area Earthing, General Engineering	Product Range Size : 600 mm (L) x 600 mm (W) Size : 900 mm (L) x 900 mm (W) Thickness : 1.5 mm - 3 mm
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Product Specification			
ISS	ASTM	BS	Chemical Composition
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Product Specifications

'C' Crimp Connector



Product application areas

Earthing : in connection of Stranded Copper Cables

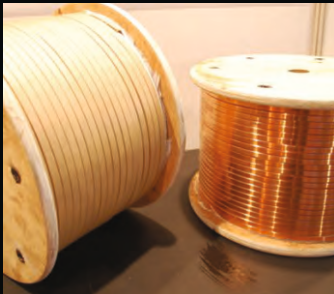
Product Range

'C' Crimp are manufactured for Conductor ranging from 10 mm² to 240 mm²

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187 /C 11000	13601/CW004A	Cu 99.9% Min
DHP 191 PT VIII	B187 /C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Insulated Copper Wires & Strips



Product Area Application

Transformers, Dry type Transformer, Stabilizers, Welding Transformers

Product Range

Paper Covered Conductor : Cross section area 10 mm to 75 mm
 Nomex Covered Conductor : Cross section area 10 mm to 75 mm
 Packing : 50 Kgs to 200 Kgs

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 Pt V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
Indian Standard 13730/ IEC 60317 Part 27 : 1996			
IS 11174 : 1984			

Glass Fibre Covered Copper Wire & Strips



Product area application

Alternators, Traction Motors, Electro Magnets, Alternators

Product Range

Cross Section area : 4 mm² to 70 mm²
 Packing : 50 Kgs to 200 Kgs

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
Indian Standard 13730/IEC 60317 Part 31/32/33 :1997			
IS 6181 : 1971/IS 4685 Part 1 :1968			

Product Specifications

Round Stranded Copper Flexible



Product application area

Electrical Distribution, Furnace electrical connection, Transformers, Overhead Transmission, Earthing

Product Range

6 mm² to 1200 mm²
Overall Dia - 2.6 mm to 55 mm

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
DHP191 PT VIII	B 187/C 11000	13601/CW004A	Cu 99.9% Min
	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Bare & Tinned Copper Wire



Product area application

Cable, Winding wire, Welding, General Engineering, Decoration, Overhead transmission

Product Range

Size (Dia) : 0.5 mm to 6 mm
Temper : Hard Drawn/Soft

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
DHP191 PT VIII	B 187/C 11000	13601/CW004A	Cu 99.9% Min
	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Oxygen Free Copper Anode Nuggets



Product area application

Electroplating

Product Range

In forms of Nuggets & Balls

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010

Product Specifications

Oxygen Free Copper Wire Rod



Product Application Area

Raw material for manufacturing Copper semies viz wires/cable/Busbar/strips/profile etc

Product range

Size (in Dia) - 8 mm to 20 mm

Product Specification

ASTM	BS EN	Chemical Composition
B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010

Copper Bars/Flats



Product application areas

Earthing, Lightning protection, General engineering, Electrical application, Busbar

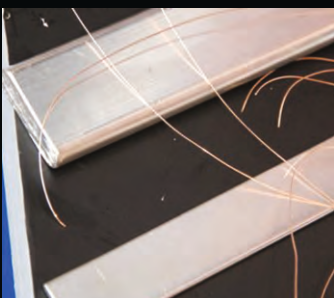
Product range

Width : 20 mm to 250 mm
 Thickness : 3 mm to 30 mm
 Length : 4 Mtrs to 8 Mtrs
 Shape : Full Round/Slightly Round
 Edge/Square/Hard/
 Half-Hard/Annealed

Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Tinned Copper Bar



Product application area

Earthing, Lightning protection, General engineering, Electrical conductor, Induction Motors, Switchgears, Generators

Product Range

Width : 20 mm to 150 mm
 Thickness : 3 mm to 12 mm
 Length : 4 Mtrs
 Shape : Full Round/Slightly
 Round Edge/Square

Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Plant & Machinery

Copper Tube Plant

Induction Melting Furnace (1 Mt capacity)
Induction Melting Furnace (300 kg capacity)
Water Cooled Moulds of various size
1250 M.T capacity, Horizontal four-column pre-tensioned tie rod Design Copper Extrusion Press for manufacturing Copper / Brass Bus tube/Pipe, Sections, Busbar, Round etc.
Draw bench (400 KN capacity)
Draw bench (200 KN capacity)
Preheating Furnace
Circular Saw
Pillar Drill

Copper Sheet Plant

Hot Rolling Mill
2- High Cold Rolling Mill
4- High Cold Rolling Mill
Finishing Cold Rolling Mill
Sheet straightening machine
Slitting Machine
Atmosphere Controlled Bright Annealing Furnace

Copper Busbar/Flat/Strip/Rod Plant

Upward Continuous Casting line for Oxygen Free Copper Rod (12 lines)
Continuous Extrusion Production line TBJ 400
Continuous Extrusion Production line TLJ 350
Continuous Extrusion Production line MFCC 300
Hydraulic drawing bench (8 Mts long)
Arco Whitney Brand Multi Station Press for punching, bending & shearing of Copper Busbar

Insulated Copper/Aluminium Conductor Plant

Continuous Extrusion Production line MFCC 300
Vertical 12 head Paper/Nomex/Cotton insulating Machine
Vertical 4 head Paper/Nomex/Cotton insulating Machine
Vertical 2 head Paper/Nomex/Cotton insulating Machine
Vertical Paper/Nomex/Mica insulating Machine
Horizontal 24 Paper, Insulating machine for Paper/Nomex/Mica
Horizontal 12 Paper, Insulating machine for Paper/Nomex/Mica
Horizontal 6 Paper, Insulating machine for Paper/Nomex/Mica
Horizontal Fibre Glass Insulating machine
Cheese winding machine

Wire Drawing Section

Straight line multiple block wire drawing line from 8mm to 1.6mm
13 Die wet type Intermediate wire drawing machine
21 Die wet type Fine wire drawing Machine
14 DT Intermediate Wire drawing machine with online annealer

Annealing Section

Pre-Heating Furnace
Bright Annealing Furnace (1 ton capacity)

Machine Shop

Vertical Milling Centre Make, VMC (BFW Make)
Vertical Milling machine (Make Tosh)
Lathe Machine (6 ft)
Lathe Machine (8 ft)
Shapping Machine (24 stroke)
Radial Drill (2.5")
Radial Drill (1.5")
Band Saw Machine semi automatic (ITL make)
Welding generator

Electric Installation

Oil Immersed Electric Transformer 1000 & 500 KVA
125 KVA Diesel Generator (Kirloskar make)
250 KVA Diesel Generator (Jackson make)
365 KVA Diesel Generator (TIL make)
500 KVA Stablizer (Jindal make)

Welding Section

Fusion welding machine
Argon welding machine



Testing Equipment

Optical Emission Spectrometer, Bruker Elemental, Germany
LECO Oxygen Analyzer, Leco Corporation, USA
Digital Ultra Sonic Testing Machine, Modsonic Instruments
Vickers Hardness Tester, Micro Control System
Digital Conductivity Meter, Technafore
Digital Conductivity Meter, Shivananda
Tensile Testing Machine, Krystal
Elongation Tester, Multiplex
Hot Air Oven (digital temp Counter), Scientific Supplies
12 KV 50mA A.C high voltage tester, Technotrade
Metravi Brand, Micro-Ohm Meter
Digital Thermo Hygrometer, Paragon



Quality Assurance

Excellence is the hallmark of Eastern Copper products. Reputed in industry circles for their uncompromising quality standards and trusted reliability. A reputation garnered through an emphasis on stringent and demanding manufacturing standards and total commitment to quality, at every stage throughout our organization.

The assurance of Quality Control, continuous R & D and precise testing procedure through the entire production process, guarantees the final product complies with ISO:9001 certification norms.

Each Eastern Copper product symbolizes unmatched perfection and matchless performance.

ABB SURVEY - EASTERN COPPER MANUFACTURING COMPANY PVT. LTD. - 2021

SUPPLIER	EASTERN COPPER MANUFACTURING COMPANY PVT. LTD.	EVALUATED PERIOD	01.01.2021 TO 31.12.2021
ADDRESS	Room No.601E, 27 Weston Street, Bankbar, KOLKATA - 700012, West Bengal	ORGANIZATION	PAF-420 (INAGE) PAF-4200 (INAGE) ABB LIMITED, BANGALORE
CATEGORY	2CE	REGION	IN, INDIA
EVALUATION RESULT	84.65%	GRADE	A

SL NO	QUALITY	WEIGHT 25%	100%	SL NO	DELIVERY	WEIGHT 25%	100%
1.1	Delivered Quality (gmt, % production yield)	99	100	2.1	Delivery Promptness (OTD)	87	100
1.2	Field Quality	85	100	2.2	Lead Time	80	100
1.3	Quality Management system & adherence	90	100	2.3	Inventory Management	81	100
				2.4	Flexibility	80	100

SL NO	COMMERCIAL	WEIGHT 25%	100%	SL NO	TECHNOLOGY	WEIGHT 15%	100%
3.1	Price / Cost Breakdown	70	100	4.1	Technical Know-how and Capabilities / Innovation Capabilities	87	100
3.2	Price Realism	70	100	4.2	Co-operation & Responsiveness	83	100
3.3	Cost Optimisation	80	100				
3.4	Sub-supplier Cost Management	85	100				
3.5	Emerging Markets Footprint	85	100				
3.6	Terms & Conditions	75	100				
3.7	Responsiveness & Proactiveness	85	100				
3.8	Commercial Trade	80	100				
3.9	Competitiveness	75	100				

SL NO	SUSTAINABILITY & RISK MANAGEMENT	WEIGHT 10%	100%
5.1	Social Policy	85	100
5.2	Environmental Management	83	100
5.3	Health & Safety Management	80	100
5.4	Financial Rating	85	100
5.5	Risk Continuity Plan	85	100

Certificate of Participation

bsi. Certificate of Registration
 QUALITY MANAGEMENT SYSTEM - ISO 9001:2015

This is to certify that: Eastern Copper Manufacturing Co Pvt.Ltd. Eastern Industrial Estate, Jalan Complex, Junglupore Dornur Howrah 711 411 West Bengal India

Holds Certificate No: **FM 698649**

and operates a Quality Management System which complies with the requirements of ISO 9001:2015 for the following scope:

The Manufacture and Supply of Copper Strips, Rods, Wires, Bus Bars, Tubes, Sheet/ Plate, Copper Components, Insulated Copper Strip & Wires, Stranded Copper Wires, Oxygen Free Copper Rods, ZINC/ QFC Rotor Bars (Plated), Seamless Hard Drawn Groove Copper Contact Wire.

For end on behalf of BSI: Chris Cheung, Head of Compliance & Risk - Asia Pacific

Original Registration Date: 2018-09-03 Effective Date: 2021-09-03
 Latest Revision Date: 2021-06-17 Expiry Date: 2024-09-02

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...making excellence a habit™

Award Certificate for Export Excellence

Betelco
 Head Office: 10/117, 1st Floor, 1st Main Road, New Town, Kolkata - 700029
 Tel: +91 33 2351 1111, 2351 1112, 2351 1113
 Fax: +91 33 2351 1114, 2351 1115, 2351 1116
 Email: info@betelco.com

Material Performance Letter

To
 M/s Eastern Copper Manufacturing Co. Pvt Ltd
 42/1, Strand Road, Kolkata - 700007
 India

To whomsoever it May Concern

We hereby certify that we have been regularly procuring Super Enamel Copper Wires & Paper Insulated Copper Strips from M/s Eastern Copper Manufacturing Co Pvt Ltd having their Manufacturing facility in Kolkata, India.

Material Quality is as per standards and till date we have not found any quality problems. Their material has been used in transformers manufactured by us which has been successfully installed for Bangladesh Power Development Board (BPDB) and Orissa Power Distribution Company Ltd. (OPDC) projects.

Regards,
 T.A.M. MURZU, BASHIR
 Managing Director
 Bengal Telecom & Electric
 Corp. (Pvt.) Ltd. (BTELECO)

Ministry of Railways
 Chhatrapati Locomotive Works,
 Office of Chief Electrical Engineer/TM
 Chhatranjan - 712321,
 Distt. Burdwan (W.B.)

No.ETW/TM/9006(P) Dated: 15.01.2011

M/s Eastern Copper Mfg Co Pvt Ltd
 42/1, Strand Road, 1st Floor
 Kolkata - 700007

Dear Sirs,

Sub: Approval of Oxygen Free Raw material (C.C.Rod)

You have been assessed & approved by competent authority as Oxygen free raw material source (C.C.Rod) of CLW. It is valid from 13.01.11.

Thanking You,

Yours faithfully
 (R.K.KEDIA)
 Dy. Chief Electrical Engineer/TMD

EEPC INDIA
 ENGINEERING THE FUTURE

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 पूर्वांचल
EEPC INDIA
 Eastern Region
 AWARD FOR EXPORT EXCELLENCE

Certified that
 Eastern Copper Manufacturing Co. Pvt. Ltd.
 for star performers as small Enterprise
 in the product group of
 Non-ferrous Metals (Excl. Aluminium)
 and Articles thereof
 for their outstanding contribution to engineering exports during the year 2008-09.

Dated: 25.2.2011



Customer Quotes

Eastern Copper has been assessed and approved by competent authority as Oxygen free raw material source (C. C. Rod) of CLW.

Dy. Chief Electrical Engineer/TMD, Ministry of Railways, Govt. of India

This is to certify that the performance of the forged contact pads supplied by M/s Eastern Copper Manufacturing Co Pvt Ltd for our submerged arc furnace projects has been quite satisfactory.

Managing Director, Ghalsasi Engineering Systems Pvt Ltd

This is to certify that M/s Eastern Copper Manufacturing Co Pvt Ltd have successfully carried out necessary designing, engineering for IEM Cell Project of M/s Durgapur Chemicals Ltd. The D.C. Busbar supplied by them met all fine specifications as per IS:613 : Grade C11000, oxygen content below 330 PPM.

Partner, Calcutta Power Construction Co.

We are extremely satisfied with the quality standards of the products of Eastern Copper Manufacturing Co Pvt Ltd and their business commitments.

Sr Vice President, Meghmani Finechem Ltd

Packing

All our products are meticulously packed in accordance with the requirements of our customers. The choice of packing is determined by the dimensions and the presentation of the product.

Straight length products. Flat bars, square, round, hexagonal	<i>Can be delivered:</i> <ul style="list-style-type: none">● On wooden battens and steel bands● On planks, with wooden battens and steel bands● In an open box with plastic & gunny wrapping● With plastic & gunny wrapping
Products in pancake coils or coiled products	<i>Can be delivered:</i> <ul style="list-style-type: none">● On a pallet, with or without plastic wrapping● In a wooden box● In plastic and gunny wrapping
Insulated conductors	<i>Can be delivered:</i> <ul style="list-style-type: none">● In wooden drums/reels with plastic and gunny wrapping● On pallets



Head Office:

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