



**APAR**

Tomorrow's solutions today



**APAR**

CONDUCTORS



**STRIPS**



**FLAT BAR**



**PROFILES**



**RODS**



**FOILS**

# HIGH CONDUCTIVITY COPPER BUS BAR

PURE 99.9% Copper Cathodes Grade "A" ETP Oxygen Free



**ABOUT**

# APAR

Founded in 1958, APAR Industries Limited is a diversified billion-dollar conglomerate with a strong presence in over 140 countries.

- World's largest aluminium and alloy conductor manufacturer
- 3<sup>rd</sup> largest transformer oil manufacturer,
- India's largest manufacturer of renewable and specialty cables.

APAR also offers over 350 grades of speciality oils, lubricants, speciality automotive products and polymers

For over six decades, we have been delivering tomorrow's solutions today. We are a trusted brand among global transformer OEMs, power utilities, global EPC majors, automotive OEMs and telecommunication companies to deliver cost-effective quality products and services. As we continue to increase our market presence and share, our products enjoy a significant domestic and global market share.





OUR CATALYST FOR

# INNOVATION



## APAR CABLES

We produce the largest range of speciality cables and renewable cables in India which are used in a wide spectrum of industry verticals like renewable energy - solar & wind, oil & gas, railways, nuclear power, defence & shipbuilding, public & private utilities, industrial applications and telecommunication. We have a growing segment of light-duty cables and house wiring available across India.



## APAR CONDUCTORS

As the world's largest manufacturer of conductors with loyal customers in 140+, we offer a full range of both conventional and new-generation speciality conductors.

Today our conductor's business focuses on the premiumization of a range of products and is a leading provider of highly safe and efficient specialized turnkey solutions.

### Some of APAR's highlighted offerings:

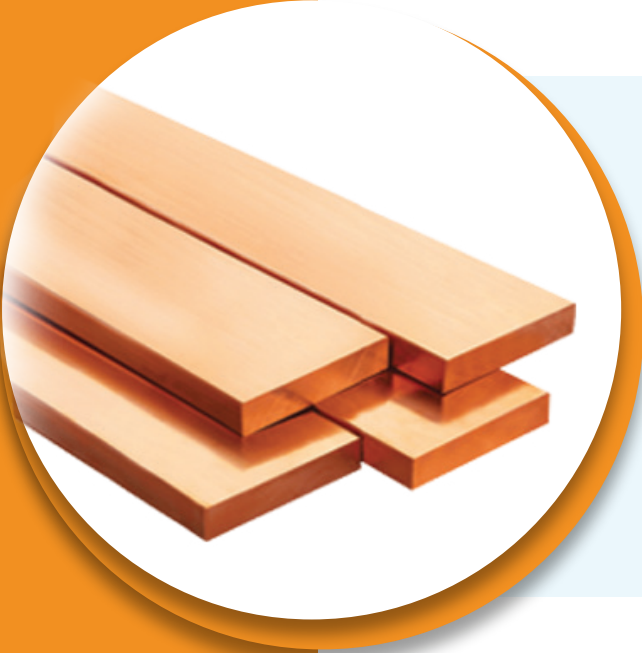
- Power Transmission conductors,
- Petroleum Specialties (Power Oil, Automotive, Industrial and food and pharmaceutical application).
- Power Cable, Elastomeric Cable, E-Beam irradiated cables, and Optical Fibre cables Cables.
- The leading manufacturer of new generation High-Temperature Low Sag (HTLS)/High-performance Conductors.
- Copper product Railways(Contact wires, Catenary Wires, Droppers, Jumper etc.) CTC plant for CTC and PICC ( Paper Insulated Copper Conductor), EPICC Enamel
- Covered Paper Insulated Copper Conductor) for Transformer manufacturing companies.  
Bus Bar Products ( Bus bar flat bars, Rods, Strips/ foils, Sections).
- APAR Anushakti house wire best-in-class, powered by e-beam technology, heat resistant at 105°C, melt-resistant, with 50 years of life.



**PRODUCT**

# BUS BAR PRODUCTS

## FLAT BAR



- APAR offers different sizes of flat bars with sharp & round edges as well as full radius.
- It is used in a wide range of applications i.e. switchgear applications, Power Distribution systems, transformers/ Electrical components etc.
- Sizes: Width 10 mm to 200 mm Thickness 2.5 and above.

## RODS

- APAR offers a wide range of copper rods, which are used for connectors, Electric motor components, electroplating switch gear, power generating equipment, etc.
- Sizes: 8mm to 62 mm available.





**PRODUCT**

# BUS BAR PRODUCTS

## STRIPS & FOILS



- APAR offers a good quality of strips/foils which are used in Earthing switches, Terminals, Electrical conductors etc.
- Sizes: Width 10 mm to 150 mm Thickness 0.10 mm and above.

## PROFILES

- APAR offers good quality section/profiles as per customer requirements and we can supply as per customer drawings or specifications.
- Types: All Types of sections or profiles.





# STATE-OF-THE-ART MANUFACTURING FACILITIES

APAR today stands firm on the back of its strong manufacturing capabilities (seven manufacturing facilities in India and one in Sharjah, UAE) for each business portfolio that meets the stringent national and international quality parameters.

Quality, integrity, and sustainability reflect in everything we do at APAR. To maintain total control over the entire process, from design to manufacturing to testing, we've set up world-class manufacturing and ILAC MRA-accredited testing facilities.

Our machines to cater to global customer requirements of bus bars :

- Extrusion Machines (Capacity 4700 MT Per Annum)
- Draw bench Machines(Capacity 3600 MT Per Annum)
- Rolling Machines (Capacity 1800 MT Per Annum)
- Upcast (Capacity 1200 MT Per Annum)







**COPPER BUS BAR**

# APPLICATIONS



**POWER AND HYBRID TRACTION**



**POWER TRACTION EQUIPMENT**



**BASE STATION**



**TELECOMMUNICATION**



**AUTOMOBILES**



**WINDMILLS**



**RAILWAYS**



**PANNEL BOARD**



**GENERATORS**



## COPPER BUS BAR

# QUALITY ASSURANCE

- Raw material: Pure copper cathodes LME Registered Brand with Copper Purity of 99.99%
- Standards: IS1897-2008/IS613-2000/As per customer requirement
- Grades: OFC/ETP

### TEST FACILITIES:

- Spectrometer for testing of chemical properties
- Tensile testing machine
- Hardness tester
- Conductivity meter
- Bend test
- Flatness testing table
- Resistivity meter
- Microstructure







# APAR INDUSTRIES LTD

# CERTIFICATES



## CONTACT US

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