

# Copper Cathode Production from Copper Scrap

## Description:

Copper is one of the basic chemical elements. In its nearly pure state, copper is a reddish-orange metal known for its high thermal and electrical conductivity. It is commonly used to produce a wide variety of products, including electrical wire, cooking pots and pans, pipes and tubes, automobile radiators, and many others. Copper is also used as a pigment and preservative for paper, paint, textiles, and wood. It is combined with zinc to produce brass and with tin to produce bronze.

Copper cathode is the primary raw material input for the production of copper rod for the wire and cable industry. The major uses of copper cathodes are in the manufacture of copper rods for the wire and cable industry and copper tubes for consumer durable goods. Copper cathodes are also used for making alloys like brass, bronze and alloy steel, with applications in transportation, electrical appliances and machinery, defence and construction.

Copper cathode is a form of copper that has a purity of 99.95%. In order to remove impurities from copper ore, it undergoes two processes, smelting and electrorefining. The resulting, nearly pure copper is an excellent conductor and is often used in electrical wiring.

## Uses

- i) It is in making electrical cables.
- ii) It is used in making coins.
- iii) It is used in making alloys like brass, German silver.
- iv) It is Rold Gold, constantan, bell metal etc.
- v) It is used in making utensils.
- vi) It is used in making scientific equipments like calorimeter boilers etc.

**For more details download PDF file.**

**Keywords:** Production of Copper Cathode, Copper Cathode, Copper Cathode Production from Copper Scrap, Copper Cathode Production, Copper Cathodes Manufacture, Copper Cathode Production Plant, Copper Industry, Copper Plant, Copper Cathode Market Industry, Copper Cathode Scrap, Recycling of Copper, Copper Scrap, Copper Wire Scrap, Copper Cathode from Copper Scrap, Copper Cathodes Manufacturing Process, Copper Cathodes Manufacturing Plant, Copper Cathode Factory, Copper Metal & Copper Cathodes, Small Scale Cop

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