INDUSTRIAL MATERIALS

COPPER CATHODES

Premium Grade A · 99.99% Purity · Global Standard

◆ OVERVIEW

Copper cathodes are the primary raw material used in the production of high-quality copper products. Produced by electrolytic refining, they achieve a purity level of at least 99.99% (Grade A), meeting international standards such as ASTM B115-00 or equivalent.

■ APPLICATIONS

These cathodes serve a wide range of industries including electrical wiring, power generation & transmission, electronics manufacturing, and the production of alloys and other copper-based products. Their high conductivity, durability, and corrosion resistance make them essential worldwide.

✓ QUALITY ASSURANCE

Our copper cathodes are sourced from reputable producers, ensuring consistent quality and compliance with global trade standards. Every shipment is accompanied by the required documentation and inspection certificates to guarantee authenticity and product quality.

COPPER SUPPLY CHAIN

From ore extcation to market – ready copper – the complete journey

01

PROJECT IDENTIFICATION

Acquiring copper ore or tailings from a mining site. Ore may come from open-pit or underground operations; tailings from previous operations may also be used.

02

TC/RC PAYMENT

Treatment and Refining Charges (TC/RC) are paid after acquisition to cover the costs of processing raw ore into purified copper metal.

03

TRANSPORT TO SMELTERS

The ore is transported to smelters or concentrators, typically by road, rail, or ship depending on geographic location.

04

SMELTING & CONCENTRATING

Copper ore is processed through crushing, grinding, and flotation to produce concentrate (20–30% Cu). The concentrate is then smelted to yield blister copper (98% pure).

05

REFINING

Blister copper is refined via electrolysis or fire refining to produce cathodes that are 99.99% pure, meeting international quality standards.

06

EXPORT

Refined copper is shaped into cathodes, ingots, or rods and exported in compliance with international logistics standards and customs regulations.

COPPER CATHODES SPECIFICATIONS

Grade A Electrolvtic Copper · Standard Cu Cathode

PRODUCT	DIMENSION	SHEET WEIGHT	PALLET NET WT
Copper Cathodes Grade A (Electrolytic Copper Grade) Standard Cu Cathode, purity 99.99%	914 mm × 914 mm × 12 mm (approx. 36" × 36" × 0.5")	**125 kg (±1%)**	**2 MT (±1%)**

MIN. CONTAINER	GROSS CONTAINER	PACKING	SHIPMENT MODE
20 MT approx.	**22.20 MT approx.**	Palletized, banded by aluminum bands 1 MT per stacking, wrapped in plastic (seaworthy)	20-ft container min. 20 MT per container

CHEMICAL COMPOSITION

Cu% (%)	Ag (ppm)	As (ppm)	Bi (ppm)	Cd (ppm)	Co (ppm)	Cr (ppm)	Fe (ppm)	Mn (ppm)
99.996	0.012	0.215	<0.001	<0.001	0.968	0.036	10.694	0.181

Ni (ppm)	P (ppm)	Pb (ppm)	S (ppm)	Sb (ppm)	Se (ppm)	Si (ppm)	Sn (ppm)	Zn (ppm)
0.571	0.001	10.346	8.441	3.039	0.433	0.533	<0.001	0.474

★ **All values meet or exceed ASTM B115-00 international standards for Grade A Electrolytic Copper Cathodes.**

SGS

Analysis Report No.200000000729

Customer:		**Job Number:**	**CU23-000725**
INDOAFRI METALS CO.LLC		Received:	18/03/2025
OFFICE No.203-315 KHALID SHABAN BUILDING		Started:	18/03/2025
AL GARHOUD,DUBAI.IEC NO.AE-1175279		Completed	18/03/2025
		Reported:	18/03/2025
		Page:	1/1
Description:	COPPER CATHODE		
BOSS ORDER#	200000000723	LABEL DATA	COPPER cathodes
CONDITION:	DELIVERED IN 1L CLEAR	SAMPLE BY	SAMPLE
NFT WFIGHT:	300 MT		

ELEMENTS	VALUE	ELEMENTS	VALUE
Copper (min % age)	99.99%	Silica (Si/ppm)	0.3
Iron (fe/ppm)	2	Cobalt (Co/ppm)	0.2
Sulphur (S/ppm)	4	Arsenic (As/ppm)	0.1
Oxygen (02/ppm)	Nil	Bismuth (Bi/ppm)	0.1
Argent (Ag/ppm)	10	Manganese (Mn/ppm)	0.1
Lead (Pb/ppm)	0.2	Teleurium (Te/ppm)	0.05
Nickel (Ni/ppm)	0.2	Aluminium (Al/ppm)	0.5
Selenium (Se/ppm)	0.3	Magnesium (Mg/ppm)	0.4
Antimony (Sb/ppm)	0.1	Zinc (Zn/ppm)	0.3

End of Analytical results

This laboratory is accredited under ISO/IEC 17025.The results reported have been performed in accordance with the laboratory's term of accreditation except calibration/tests marked with an asterisk (*) in this report which are not within the scope of accreditation for our laboratory's report refers to a submitted sample, and all details in respect of source, Quantities and marks are not verified or confirmed.

Technical Signatory:
Amos Simon
Laboratory Analyst

Authorized Signatory:
Twalib Mohamed
Senior Laboratory manager

SGS Tanzania superintendence co.ltd

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REPUBLIQUE
DEMOCRATIQUE
DU CONGO

REPUBLIQUE DEMOCRATIQUE DU CONGO
MINISTÈRE DES MINES
Avenue Paul Doumer (face à la gare Centrale) CFCO.B.P.2148 Kinshasa

CD 06992

CERTIFICAT D'ORIGINE

Nous certifiions que le chargement No : CEEC.BBO/78529/2025 originaire de la république
Démocratique du Congo exporte par : BENI DE CUIVRE CATHODES détenteur (trice)
De la licence d'exportation No : EN546 COURSE contenant lots(futs, sacs,etc) de Quantité 6800 MT
Evalue par le CEE dont description au verso ou en annexe a Date d'émission : 17.08.2025

1. Exportateur (nom, adresse, pays) : SABHPRALA INTERNATIONAL LIMITED,
Adresse : ASKARI STREET, KHENIOQ, BUKAVU NO 3 VILLE DE BUTEMBO D.R.CONGO.ATTN:MR. SANJAYKUAMR RAGHAV

2. Consignée (nom, adresse, pays) : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Adresse : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Mode de Transport : PAR ROUTE/ KASUMBALESA

Nom et adresse du destinateur : COMMANDER

SOUS L' AUTORITE DE LA REPUBLIQUE DEMOCRATIQUE DU CONGO.Under the autorité of the Démocratique République Du Congo

Origine des merchandises	Points Net	Pureté %	Description des biens	Valeur USD
CONGO	6800 MT	99.99%	CUIVRE CATHODES	27,200,000

Délivre a Le 17.08.2025
Awazi Chuma Bin Samine
Chief D'antenne

REPUBLIQUE DEMOCRATIQUE DU CONGO
MINISTERE DES MINES
ANENUE PAUL DOUMER,KINSHASA

République Démocratique Du Congo
Pour Le Ministre Des Mines
Antoinette N'samba kalambayi