

# **Shanghai Metals Market Price Assessment Methodology**

## **Guangdong 1#Copper cathode**

Guangdong 1#Copper Spot Prices

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### 1. Guidelines to SMM price assessment methodology

Shanghai Metals Market ("SMM") is an independent service provider that does not participate in trades. SMM is a market observer that engages buyers and sellers in the commodities market. By consulting with industry independent participants, SMM drafts the methodology, examines and revises it regularly based on the specifications and terms of trade that are generally used in the market, with equal weighting given to transactions that meet the standards. SMM reserves the right to exclude any unreliable or unrepresentative price data from its price assessment, in line with this methodology and other related Benchmark governance policies and procedures.

SMM price assessments refer to metals spot prices or price indices of both the Chinese and overseas markets reported by SMM on a daily basis. All SMM prices are published according to a set of defined methodologies, indicating how the prices are accessed and reported. These methodologies are published on our website [www.metal.com](http://www.metal.com) (English) or [www.smm.cn](http://www.smm.cn) (Chinese) or for all market participants to understand and refer to.

To reflect the actual trades in the spot market, SMM will update the methodology for SMM price assessments and publish all the revisions on our website [www.metal.com](http://www.metal.com) (English) or [www.smm.cn](http://www.smm.cn) (Chinese) ahead of the changes. The notice period may be shortened under special circumstances, especially force majeure (natural disasters, wars, exchange bankruptcy, etc.) For queries or suggestions on the methodology, please contact SMM customer services (please find contact information on the SMM official websites). **Please read this paragraph in conjunction with the SMM methodology review and changes policy, and the SMM Complaint Policy available at [www.metal.com](http://www.metal.com) (English) or [www.smm.cn](http://www.smm.cn) (Chinese).**

This document specifies the standards and management methods for the SMM Guangdong 1#Copper cathode ingot spot price assessment. These standards are formulated to establish a transparent and verifiable SMM price setting mechanism and provide market participants with an important pricing indicator.

The SMM Benchmark Management Committee ("the Committee") will regularly - and no less frequently than annually - review the methodology and its evaluation and publication process. The Committee maintains oversight of the SMM Benchmark methodology and its compilation process, ensuring that SMM prices and indices reflect as closely as possible the objective conditions of

physical markets of relevant commodities. The Committee will immediately point out any problem it finds, and propose external consultations and modifications to the existing methodologies or processes, in order to improve the quality of prices or indices published by SMM. The Committee can only propose changes to the methodologies and processes used in future Benchmark assessments, rather than modifying the already published prices or indices.

## **2. Guidelines to SMM Guangdong 1#Copper cathode ingot spot price**

### **2.1 Definition**

The SMM Guangdong 1#copper cathode spot price is assessed and reported based on the methodology defined in this document. As an indicative price, it can be referred to by both parties of a Guangdong 1#copper cathode spot transaction for price settlement. The prices reflect the most tradable levels of spot Guangdong 1# copper cathode, ex-works, at the time of publication on each complete trading day. The prices are assessed based on spot transactions that happened in Guangdong, deducting expenses including transportation costs, taxes, and capital costs.

### **2.2 Introduction of price assessment**

SMM collects data information used to evaluate the spot price of Guangdong 1#copper cathode by means of standard acquisition (that is, the collection of raw data information that complies with the SMM Data Standards Policy), from certain price submitters. Collected data include the bids and offers from the buyer and seller that were not traded on the same day, and the actually traded price of spot transaction provided by the price submitters. The amount of each transaction that can be deemed as the Guangdong #1 copper cathode quote or transaction in the price collection will be not less than 100 mt. Data collection, assessment (calculation) and daily management of SMM Guangdong 1#copper cathode spot prices are conducted by SMM Guangdong 1# copper cathode operational team (consists of 2 price analysts and as a price manager).

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