

## **T/C for Lead Concentrate-Inner Mongolia Methodology**

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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) 28 days 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 Inner Mongolia lead concentrate treatment charges (TCs) 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 T/C for Lead Concentrate-Inner Mongolia**

### **2.1 Definition**

The SMM T/C for Lead Concentrate-Inner Mongolia (hereinafter referred to as lead concentrate) is assessed and reported based on the methodology defined in this document. As a benchmark, it can be referred to by both parties of lead concentrate spot transaction as their settlement price. The prices are an indicative price range for actual spot lead concentrate transactions in Inner Mongolia every week. Taking demand and supply in the country during the

week into consideration, the prices are assessed mainly based on prices for actual lead concentrate transactions, including costs for delivering cargoes from mines to smelters.

## **2.2 Introduction of price assessment**

SMM collects data information used to evaluate lead concentrate TCs by means of standard acquisition (that is, the collection of raw data information that complies with the SMM Data Standards Policy), from data providers, including the bid and offer of the buyer and seller that were not traded during the week, and the price of transaction actually done. The amount of each transaction that can be deemed as standard lead concentrate TCs quotes or trades in the price collection will be no less than 100 mt of lead content. Data collection, assessment (calculation) and daily management of SMM lead concentrate TCs are conducted by SMM Lead Operational Team (consists of position A and B, and a price manager).

The price published by SMM is intended to reflect the real transactable value of a commodity in a time point or period. SMM will also take transactions of lead concentrate that is not the standard grade of 50% into account, and convert the prices into levels for grade of 50% via widely used deduction method as lead concentrate from different mines has different lead content. During the assessment process, we may consider other information. However, actual transactions will always take precedence. **Please read this paragraph with the SMM Benchmark Guidelines on Hierarchy of Data Inputs available at [www.metal.com](http://www.metal.com) (English) or [www.smm.cn](http://www.smm.cn) (Chinese).**

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**Price Assessment Methodology – T/C for Lead**

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