Chinastandards.org

ICS 77.160
CCS H01

YS

NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YS/T 1607-2023

Green factory evaluation requirements for lithium-ion battery cathode material precursor industry

锂离子电池正极材料前驱体行业绿色工厂评价要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1607-2023

Table of Contents

[Preview only]
1 Scope
2 Normative references
2.1 Orientation-cut
2.2 Orientation flat
2.3 Second flat
2.4 Domain
2.5 Axis deviation
2.6 Supercooling circle
2.7 Cuie temperature
3 Reagents
3.1 Product classification
3.2 Chemical component
3.3 Physical properties
4.1 Alloy designation, temper and dimensions
5 Inspection rules
5.1 Main components
6 Test methods
7 Precision
8 Process control
9 Test report

1 Foreword

YS/T 1607-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 July 2024.

The YS/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1607-2023

2 Scope Preview

This standard specifies the general principles, evaluation requirements, evaluation procedures, evaluation methods and evaluation reports for green factories in the lithium-ion battery cathode material precursor industry. This standard is applicable to the evaluation of green factories in the lithium-ion battery cathode material precursor industry with actual production processes.

YS/T 1607-2023 falls under ICS 77.160, in the field of metallurgy.

This catalogue holds 1,671 other YS/T standards in that field.

In this catalogue, YS/T standards carry edition years from 1985 to 2026.

3 About this standard

Sector: Nonferrous Metallurgy Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YS/T 1543-2022 - The Norm of Energy Consumption per Unit Production of Lithium

YS/T 1432-2021 - Energy consumption for products of lithium salt

YB/T 081-2013 - Rule for rounding off of numerical values and judgement of testing values for technical standards of metallurgy

YS/T 1803-2025 - Technical specification for recycling and utilization of copper processing wastewater

YS/T 1802-2025 - Technical specification for energy conservation supervision in magnesium smelting industry

YS/T 1801-2025 - Technical specification for energy saving diagnosis in magnesium smelting enterprise

5 Classification and status

International classification (ICS): 77.160

Chinese Standard Classification (CCS): H 01

Prefix YS/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ys-t-1607-2023