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YS

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

YS/T 119.2-2025

Replacing YS/T 119.2-1992

**Methods for determination and calculation of heat balance of
special equipments for alumina production - Part 2: Rotary kiln
used calcining**

(English Translation)

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What this standard covers

This standard specifies the heat balance determination and calculation basis, equipment conditions and process, heat balance determination conditions, determination items and methods, material balance calculation, heat balance calculation, thermal efficiency and main technical indicators, heat balance determination analysis and improvement suggestions for rotary kilns used in alumina (hydrogen) roasting. This standard applies to the heat balance determination and calculation of rotary kilns using heavy oil, natural gas or coal gas as fuel and aluminum hydroxide, alumina, or mixtures of aluminum hydroxide and alumina as raw materials.

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