

ICS 73.060.10
CCS D31

YB

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

YB/T 6460-2026

Iron ores - Determination of silicon, calcium, aluminum, magnesium, titanium, manganese, vanadium, phosphorus, potassium, sodium, zinc, copper, arsenic, lead and sulfur content - Wavelength dispersive X-ray fluorescence spectrometry (pressed disc method)

铁矿石硅、钙、铝、镁、钛、锰、钒、磷、钾、钠、锌、铜、砷、铅和硫含量的测定 波长色散X射线荧光光谱法（压片法）

(English Translation)

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Foreword

YB/T 6460-2026 is a recommended industry standard of the People's Republic of China in the Ferrous Metallurgy sector, approved and issued by the Ministry of Industry and Information Technology on 16 April 2026, with effect from 1 November 2026.

It is administered by the National Technical Committee for Iron Ore and Direct Reduced Iron Standardization.

Classification: ICS 73.060.10; CCS D31.

1 Scope

YB/T 6460-2026 specifies a method for determining the content of silicon, calcium, aluminum, magnesium, titanium, manganese, vanadium, phosphorus, potassium, sodium, zinc, copper, arsenic, lead and sulfur in iron ores by wavelength dispersive X-ray fluorescence spectrometry, using the pressed disc method. It applies to the determination of these elements in iron ores, iron concentrates, sintered ores and pellets.

Steel mills, mining and ore trading companies, port and inspection laboratories and independent testing bodies that analyse iron-bearing materials can use it. It is a voluntary standard (code with /T). The Ministry of Industry and Information Technology approved it; it was issued on 16 April 2026 and takes effect on 1 November 2026. It is a new standard.