

Coking Coal

January 31, 2026 • vajiramandravi.com



Coking Coal Latest News

Recently, the Government of India has notified Coking Coal as a Critical and Strategic Mineral under the Mines and Minerals (Development and Regulation) Act, 1957 (MMDR Act).

About Coking Coal

- It is a **naturally occurring sedimentary rock** found within the earth's crust.
- It is also known as **Metallurgical coal**.
- **Characteristics:** It is a type of coal that **softens and swells when heated**, forming lightweight, porous coke particles, and is characterized by a **free swelling index of 1 or greater**.
- It typically **contains more carbon, less ash, and less moisture** than thermal coal, which is used for electricity generation.
- Coke is the main product of the **high-temperature carbonisation of coking coal**.
- **Coking coal is divided into 3 sub-categories namely,**
 - **Primary Coking Coal** (Low ash , low Volatile, High Coking property)

- **Medium Coking Coal** (low ash, medium volatile, low caking index)
- **Blendable/ Semi/Weak Coking Coal** (low ash, high volatile, very low caking index).
- **Major Producers:** The largest producers of coking coal were **China, Australia, Russia, USA and Canada**.
 - India has an estimated 37.37 billion tonnes of coking coal resources, **largely located in Jharkhand**, with additional reserves in **Madhya Pradesh, West Bengal and Chhattisgarh**.

Uses of Coking Coal

- It is **essential for metallurgical processes**, as it exhibits caking properties that allow it to fuse into a solid mass during heating.
- It is an essential **ingredient in the production of steel**, making it one of the most widely used building materials on earth.

Source: ET

Source: <https://vajiramandravi.com/current-affairs/coking-coal-production-in-india/>

© Vajiram & Ravi. For personal use only.