

GOVERNMENT OF INDIA  
MINISTRY OF COAL

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2978**  
**TO BE ANSWERED ON 17.12.2025**

**Accident due to Coal Transportation**

**2978. Shri Kali Charan Singh:**

Will the Minister of **Coal** be pleased to state:

- (a) whether the Government is aware that large-scale coal mining by Central Coalfields Limited (CCL) and the power generation activities of National Thermal Power Corporation (NTPC) have led to excessive coal transportation, severe dust pollution, rapid road deterioration and frequent accidents due to congestion on a single transport corridor in Tandwa Block of Chatra district of Jharkhand and if so, the details thereof;
- (b) whether any technical assessment has been carried out regarding the need for a dedicated coal transportation corridor to reduce traffic load and enhance safety and if so, the details thereof;
- (c) whether the Government proposes to implement time-bound measures for pollution control, including mechanised dust suppression, continuous air-quality monitoring and green-belt development along mining and transport routes and if so, the details thereof;
- (d) whether any proposal is under consideration of the Government for scientific upgradation and reconstruction of the existing road network to withstand heavy-vehicle movement and if so, the details thereof; and
- (e) whether the Government proposes to provide basic civic amenities, safety infrastructure and rehabilitation support to the affected local population and if so, the timelines for such measures?

**ANSWER**

**MINISTER OF COAL AND MINES**  
**(SHRI G. KISHAN REDDY)**

**(a) & (b)** Yes, increased coal transportation in the Tandwa Block of Chatra district on account of mining activities of Central Coalfield Limited (CCL) and despatch of coal to NTPC power generation house, have resulted in higher movement of heavy vehicles on the existing transport corridor. This has led, in certain stretches, to dust generation, road stress and congestion. CCL has taken several measures, including regulated coal despatch scheduling, deployment of water tankers for dust suppression, strengthening and widening of critical stretches of the road and enhanced traffic management to reduce risks.

In order to reduce the traffic load/ minimise road transportation in the area, engineering survey/ study was carried out for preparing a detailed project report for construction of a dedicated rail line for the Magadh & Amrapali railway siding in Tandwa Block of Chatra District. First mile connectivity (FMC) projects have been planned for evacuation of coal by CHP/SILO loading from Magadh OCP (open cast project) & Amrapali OCP. Construction of FMC projects and rail connectivity projects are underway.

Ministry of Coal had launched the Integrated Coal Logistics Plan and Policy on 29th February 2024, wherein project-wise origin-destination (OD) mapping along with bottlenecks for coal evacuation from mines was assessed. Based on this, implementation of FMC (first mile connectivity) projects and rail connectivity works have been planned and executed to reduce road traffic movement and enhance safety.

(c) Prior to start of coal mining operation, coal companies carry out detailed Environmental Impact Assessment and, accordingly, Environment Management Plan is prepared and approved by the regulatory authority (MoEF&C/ SEIAA) which prescribes implementation of dust suppression measures including mobile and fixed water sprinklers, fog canons, extensive plantation program in and around mining areas including transportation routes. In order to ensure real time air quality monitoring, mining areas are equipped with continuous ambient air quality monitoring stations.

The following measures are being implemented in CCL projects located in Chatra district:

- i) Mist sprinklers, water sprinkler tankers, truck mounted fog canons, trolley mounted fog canons and wind breaking screens have been provided for dust suppression.
- ii) Continuous Ambient Air Quality Monitoring Stations (CAAQMS) and PM 10 analysers are installed which transmit real time data to Jharkhand State Pollution Control Board.
- iii) About 1000 ha plantation has been done. Miyawaki plantation has been undertaken in Amrapali.

(d) Yes, CCL has taken steps for scientific up-gradation and reconstruction of existing road networks used for coal transportation. These include strengthening of roads, widening at critical stretches, improvement of curves and gradients, and construction of drains and embankments.

(e) In affected villages in Chatra district, under corporate social responsibility programmes, CCL has undertaken installation of solar deep borewells in schools/ villages, construction of toilets and boundary walls in schools and installation of water filters in schools. Health camps, nutritional support to women/ adolescents/ TB patients and assistive devices to divyangs have also been provided.

Periodic community engagement in safety awareness programmes are conducted in the villages adjoining the mines to eliminate accident risks associated with coal transportation.

Rehabilitation support to project affected persons is provided as per Right to Fair Compensation and Transparency in Land Acquisition Rehabilitation and Resettlement Act, 2013; R&R Policy 2012 of Coal India Limited; and modification to R&R Policy approved by Board of CCL.

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