

**GOVERNMENT OF INDIA
COAL
LOK SABHA**

UNSTARRED QUESTION NO:1782

ANSWERED ON:05.03.2015

MINING WITH MODERN TECHNOLOGY

Bharathi Mohan Shri R.K.;Choudhary Shri Ram Tahal;Giluwa Shri Laxman

Will the Minister of COAL be pleased to state:

(a) whether the modern technology adopted by the Government with a view to introduce eco-friendly manner in the production of coal from the coal mines to meet out current and future pollution control measures;

(b) if so, the details thereof;

(c) whether the Government has received any proposals to carry out mining with modern technology in old coal mines incurring losses; and

(d) if so, the details thereof and the action taken by the Government thereon?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL, POWER AND NEW AND RENEWABLE ENERGY
(SHRI PIYUSH GOYAL)

(a)&(b):Modern eco-friendly technologies are adopted by Coal India Limited (CIL) for production of coal from the coal mines to meet the current pollution control stipulations. CIL has taken various measures to ensure that the quality of air remains confirmatory to the prescribed limits. CIL is now deploying in its opencast projects, surface miners and state of the art mining equipment having higher capacity and productivity. This eliminates drilling, blasting and crushing of coal for its extraction which is a major source of sound and air pollution. The continuous miner, Longwall and high-wall mining techniques are now being deployed in the underground mines. It minimizes ground vibrations caused due to blasting. Sprinklers have been installed at coal handling plants, near coal stockyards, weigh bridges, and haul roads to control dust. While the water tankers spray water in the mine roads to arrest dust, the plantation in and around the mine reduces dispersion of dust. The major roads used for coal transport are either black topped or made of concrete. Covered conveyors are now being used to transport coal to minimise generation of dust during transporting besides taking railway line near to the mine. The drills are fitted with dust extractors and controlled blasting techniques with delay detonators are used to minimize vibration and dust generation.

(c)&(d):The Government has not received any proposals to carry out mining with modern technology in old coal mines incurring losses. However, CIL has taken action to introduce modern technology in such old coal mines.