

**GOVERNMENT OF INDIA  
STEEL  
LOK SABHA**

UNSTARRED QUESTION NO:1188  
ANSWERED ON:01.12.2014  
BOKARO STEEL PLANT  
Khaire Shri Chandrakant Bhaurao

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

- (a) whether the pollution control device i.e. Electro Static Precipitator (ESP) has become very old and is causing environmental problems in Bokaro Steel Plant;
- (b) if so, the details thereof;
- (c) the efforts being made to line up the ESP system to check the environmental pollution; and
- (d) the steps taken/being taken to streamline the unloading of collected lime fine which also causes pollution in Bokaro Steel Plant?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF STEEL AND MINES (SHRI VISHNU DEO SAI)

(a)&(b): The pollution control device i.e. Electrostatic Precipitators (ESPs) are being used widely by the steel industry for air pollution control. Some of the ESPs at Bokaro Steel Plant (BSL) have become old. However, through appropriate maintenance of these ESPs, it is ensured that no environmental problem takes place.

(c) At BSL, the existing ESPs are regularly maintained to ensure operation of the system in a healthy condition.

Moreover, few ESPs are being augmented/revamped and new ESPs (replacing the old pollution control devices) are being installed at the Refractory Material Plant, Sinter Plant in a phased manner, two Blast Furnaces for de-fuming of cast houses and for secondary emission control system (Dog house with ESP) at the Steel Melting Shop.

(d) The collected lime fines at the Refractory Materials Plant are unloaded from the storage bunkers through chutes in Cement Tank Carriers (CTC), which are closed containers, to avoid fugitive emissions.