

(b) Government have not received any interim report.

(c) Does not arise.

**Oven for Metallurgical Coke invented by
Central Fuel Research Institute**

**2455. DR RANEN SEN :
SHRI SUKHDEO PRASAD
VERMA :**

Will the Minister of STEEL AND MINES be pleased to state :

(a) whether a special type of oven to make metallurgical coke has been invented by the Central Fuel Research Institute in cooperation with Tata Iron and Steel Company; and

(b) if so, the salient features thereof ?

**THE MINISTER OF STATE IN THE
MINISTRY OF STEEL AND MINES
(SHRI SHAHNAWAZ KHAN) :** (a) The Central Fuel Research Institute have recently claimed to have developed a design for a cheap, efficient and highly productive non-byproduct recovery coke oven for production of metallurgical coke and that based on this design, coke oven batteries of a total capacity of over 200,000 tonnes/year are being set up by the Tata Iron and Steel Company in their colliery at Sijua.

(b) The salient features, according to the Central Fuel Research Institute, are :

(i) The productivity of the new ovens is nearly two and a half times as much as the conventional beehive ovens, which will result in sharp decrease in processing costs;

(ii) The coke is intended to be used in the TISCO blast furnaces to meet current coke shortage;

(iii) Unlike conventional beehive ovens, it is possible to use a wide range and blends of coals in these ovens to produce foundry and/or blast furnace coals.

**Secretary of Agricultural Department's
proposal for purchase of Fertilisers**

2456. SHRI MADHURYYA HALDAR:
Will the Minister of SUPPLY be pleased to state :

(a) whether per unit nutrient price of European origin ANP fertiliser is less than that of DAP and NPK complex fertilizer of USA; and

(b) what facilities the Department of Supply have to scrutinize Agriculture Department's proposals to purchase fertiliser from various sources ?

**THE MINISTER OF SUPPLY (SHRI
D.R. CHAVAN) :** (a) Generally, the price per unit of nutrient in DAP is lower than that in ANP, while the price per unit of nutrient in ANP is lower than that in NPK complex fertilizers. However, the quality of nutrients available from ANP is inferior to that available from DAP.

(b) It is the responsibility of the Department of Agriculture to determine the programme for the import of fertilizers to be imported and the delivery schedules for such imports. The Department of Agriculture do not indicate the various sources from which the fertilizers should be purchased except where purchases have to be made against the credits available from different countries.

Captive Mines of Ores for Steel Production by Bokaro Steel Plant

**2458. SHRI BIRENDER SINGH
RAO :** Will the Minister of STEEL AND MINES be pleased to state :

(a) whether the Bokaro Steel Plant will not have captive mines of ores for steel production;

(b) if so, the reasons therefor; and

(c) the safeguards provided to ensure that the Bokaro Steel Plant receives its full requirements of ores at competitive rates ?

**THE MINISTER OF STATE IN THE
MINISTRY OF STEEL AND MINES
(SHRI SHAHNAWAZ KHAN) :** (a) At