

(d) Presumably the reference is to copper concentrates. It is proposed to transport copper concentrates from Dariba for processing at the Smelter at Ghatsila till such time the Smelter at Khetri is in operation.

**Trial run of a stream of concentrator of Khetri Copper Project**

3308. DR. H. P. SHARMA: Will the Minister of STEEL AND MINES be pleased to state:

(a) whether one of the streams of the concentrator of the Khetri Copper Project has been put on trial and it runs with a capacity of only 1,000 tonnes of ore per day against its capacity of 4,000 tonnes, while the other stream with an equal capacity still remains to be put into operation;

(b) the present stock-pile of ore with the Khetri Copper Complex and the present daily extraction of copper ore in the Complex;

(c) for how long the present stock-pile with the present rate of daily ore extraction can sustain capacity working of the concentrator; and

(d) what steps are being taken to ensure capacity working of both streams of the concentrator and to ensure full supplies of ore to it and whether as a measure in this direction Dariba ore is proposed to be used to augment ore supplies?

**THE DEPUTY MINISTER IN THE MINISTRY OF STEEL AND MINES (SHRI SUKHDEV PRASAD):** (a) The first stream of the Concentrator Plant at Khetri Copper Complex was commissioned on 1st July, 1973. It has not been possible to stabilise production at this plant so far due to high voltage fluctuations and some operational problems which are being looked into. The second stream of the plant is expected to be ready in about 3 months time.

(b) The total stock-pile of copper ore at both Khetri and Kollhan Mines as on 31-7-73 was 4,10,332 tonnes. The present rate of extraction of copper ore at the Project is about 1200 tonnes per day.

(c) The mine production at the project is expected to be built up in a phased manner. During the current year and the next year, it would be possible to feed the Plant rate of 3000 tonnes per day through the current production supplemented by ore to be drawn from the stockpile. Thereafter, the mine production is expected to go up and copper ore to the plant will be fed from the current production only.

(d) According to the present mine production schedule, the rated capacity of the mines to ensure capacity working of both streams of the Concentrator Plant is expected to be built up in a phased manner by 1977. Concerted efforts are being made by Hindustan Copper Limited for increasing the mine production for meeting the plant capacity, as soon as possible. The steps being taken by the Company include, *inter alia*, arranging of training for Managers and Operators in copper metal mining for improving their skills, use of trackless mining operation for speeding up mine development programme, import of critical mining equipment like Hoists, high capacity compressors, loaders, locomotives etc. introduction of incentive schemes prepared after careful industrial engineering studies, periodic review of the progress of work with the help of PERT Charts and tightening of supervision.

There is no proposal for transporting copper ore from Dariba to feed Khetri Concentrator. The ore to be produced at Dariba mine will be concentrated at site and only the concentrates will be transported to Khetri for treatment of at the Khetri Smelter and Refinery.

**Techno-Economic Study of Integrated Steel Plant in Maharashtra**

3309. SHRI ANNASAHEB GOTKHINGDE:

SHRI E. V. VIKHE PATIL:

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

(a) whether the techno-economic study of the proposed site for the location of

integrated Steel Plant for Maharashtra has been undertaken;

(b) if so, when; and

(c) the time by which the report of the study team is expected?

**THE DEPUTY MINISTER IN THE MINISTRY OF STEEL AND MINES (SHRI SUBODH HANSDA):** (a) No, Sir.

(b) and (c). A working Group set up by the Ministry of Steel and Mines for identification of locations for the purpose of undertaking techno-economic feasibility studies for new steel capacity, has recommended, *inter alia*, that techno-economic feasibility studies may be commissioned for a plant based on iron ore deposits in the Rowghat-Surajgarh area. These studies, which will be part of the long-term steel development programme, are likely to be taken up during the Fifth Plan period.

**इस्पात और मिश्रित इस्पात की भाग और पूर्ति**

3310. श्री अटल बिहारी वाजपेयी : क्या इस्पात और खान मंत्री यह बताने की कृपा करेंगे कि :

(क) देश में इस समय इस्पात और मिश्रित इस्पात की भाग एवं पूर्ति की क्या स्थिति है ;

(ख) स्थिति सुधारने के लिए लघु इस्पात कारखानों का अब तक क्या योगदान रहा है और भविष्य में क्या योगदान रहने की संभावना है ; और

(ग) लघु इस्पात कारखानों को सरकार द्वारा कितने तक सहयोग की मुख्य बातें क्या हैं ?

**इस्पात और खान मंत्रालय में उपचारी (श्री सुधीर हंसदा) :** (क) अनुमान है

कि 1973-74 में तैयार साधारण इस्पात की भाग लगभग 67 लाख टन होगी। प्रशासक है कि मोटे तौर पर देशीय उत्पादन तथा प्रायात द्वारा यह मांग पूरी हो जाएगी।

मिश्र तथा त्रिशेष इस्पात की वर्तमान भाग लगभग 4 लाख टन प्रतिवर्ष है। इस समय इसका कुल उत्पादन भी लगभग इतना ही है। यद्यपि कुछ श्रेणियों के माल की कुछ कमी है।

(ख) 1972-73 में विद्युत् भूट्टी एको का उत्पादन लगभग 10 लाख टन था और 1973-74 में इन का उत्पादन लगभग 13 लाख टन होने की संभावना है।

(ग) विद्युत् भूट्टी एको की कच्चे माल की आवश्यकताओं को पूरा करने के लिए उन्हें बंधासमय सहायता दी जा रही है। विद्युत् भट्टियों के उत्पादन में वृद्धि में पुनर्वलको को भी सहायता मिली है।

**छावनी अधिनियम का संशोधन**

3311. श्री अटल बिहारी वाजपेयी : क्या रक्षा मंत्री यह बताने की कृपा करेंगे कि :

(क) छावनी अधिनियम में पिछली बार प्रमुख संशोधन कब किया गया था ?

(ख) इस समय विचाराधीन संशोधनों का व्यौरा क्या है ; और ये संशोधन कब से विचाराधीन हैं ; और

(ग) उस में ये संशोधन कब तक कर दिये जायेंगे ?

**रक्षा मंत्री श्री जगजीवन राम ) :**

(क) 1954 में।