

**Commissioning of New T.V. Plant of  
Bharat Electronics Limited**

4205. SHRI CHINTAMANI JENA :  
Will the PRIME MINISTER be pleased  
to state :

(a) whether a new T.V. tube plant of  
Bharat Electronics Limited is ready for  
commissioning ;

(b) if so, the nature of T.V. tubes  
likely to be manufactured in the new plant  
annually ; and

(c) steps taken to manufacture colour  
T.V. tubes in the country and the progress  
made so far in this regard ?

THE DEPUTY MINISTER IN THE  
DEPARTMENT OF ELECTRONICS  
AND IN THE MINISTRY OF FOOD  
AND CIVIL SUPPLIES (DR. M. S  
SANJEEVI RAO) : (a) and (b) BEL has  
expanded its capacity at Bangalore for  
the manufacture of Black and White TV  
Picture Tubes from 200,000 n o i year by  
an additional 100,000 numbers. This new  
100,000 tube plant was commiss oned in  
May, 1984 and is now in production.  
BEL also holds a Letter of Intent for a  
new plant to be set up in Taloja, Maha-  
rashtra with a capacity of 500,000 B & W  
Picture Tubes per annum Both the  
plants at Bangalore and Taloja are for  
manufacture of Block and White Tele-  
vision Picture Tubes. The plant at Taloja  
will mainly cater to the demand for  
Picture Tubes of 51 cm screen size while  
the plant at Bangalore has the flexibility  
to manufacture tubes of other sizes  
also.

(c) Letters of Intent have been  
issued for manufacture of colour TV  
picture tubes to the following three  
units :—

1. M/s. Punjab Display Devices Ltd.  
(PDDL).
2. M/s. UP Electronics Corporation  
(UPTRON).

3. M/s. Andhra Pradesh Electro-  
nics Development Corporation  
(APEDC).

M/s. PDDL have obtained the clearance  
of Govt. for the import of the requisite  
technology and capital goods, while the  
other two units are presently nego-  
tiating with prospective foreign collabo-  
rators,

**Research on Adverse Effect of Man-Made  
Fibres**

4206. SHRI SANAT KUMAR  
MANDAL : Will the PRIME MINISTER  
be pleased to state :

(a) whether any well-defined pro-  
gramme of intensive research on the  
long-term dermatological effects on the  
use of latest inventions of man-made  
fibres like acrylic and others in the con-  
text of the varying climatology in India  
has been undertaken or entrusted to any  
Research Institute under the Department  
of Science and Technology ;

(b) if so, the findings of the  
various experiments and reserchses made ;  
and

(c) if not, the reasons therefore and  
whether Government will consider the  
desirability of undertaking such research  
in view of the adverse effect arising from  
the continuous use of such fibres in  
certain inhospitable regions in the coun-  
try from the climatological point of  
view ?

THE MINISTER OF STATE IN  
THE DEPARTMENTS OF SCIENCE  
AND TECHNOLOGY, ATOMIC  
ENERGY, SPACE, ELECTRONICS,  
AND OCEAN DEVELOPMENT (SHRI  
SHIVRAJ V. PATIL) : (a) No, Sir,

(b) Question does not arise.

(c) Such fibres have been used world-  
wide for a long time and no adverse  
effect have been reported in India. In

view of this it does not appear immediately necessary to initiate such research.

#### Manufacture of Industrial Valves

4207. SHRI DIGAMBER SINGH : Will the Minister of STEEL AND MINES be pleased to state :

(a) the measures being taken for the indigenous manufacture of Industrial valves required by the Bhilai and Bokaro Steel Plants ;

(b) the total quantity of Industrial valves purchased by these plants—indigenously and from abroad and proposed to be purchased ; and

(c) the names of the Indian and foreign manufacturers of the Industrial

Valves on the approved list of these 2 Steel Plants ?

THE MINISTER OF STATE OF THE MINISTRY OF STEEL AND MINES (SHRI N. K. P. SALVE) : (a) Major portion of requirement of Bhilai and Bokaro Steel Plants of industrial valves is being met from indigenous manufacturers. To give adequate opportunity to these manufacturers, the requirements of valves are either advertised in leading newspapers or specific enquiries are issued to indigenous manufacturers. Assistance is also given to them to develop suitable valves for meeting the requirements of both the steel plants. Only a few special types of valves are imported which are beyond the manufacturing range of indigenous manufacturers.

(b) The information is given below :—

Name of Plant	1983-84			1984-85
	No. of valves procured			No. of valves Proposed to be procured
	Indigenous	Import	Total	
Bhilai	9183	15	9198	2400
Bokaro	4455	NIL	4455	1260
Total	13638	15	13653	3660

(c) Names of indigenous manufacturers on the approved list of these steel plants and the list of foreign manufacturers from whom industrial valves have been procured in the recent past are given below :—

#### *Names of Indigenous Manufacturers of Industrial Valves*

1. M/s. Heavy Engg. Corporation, Ranchi.
2. M/s. BHEL, Trichy.
3. M/s. Larsen & Toubro, Bombay.
4. M/s. Macneill & Magor.

5. M/s. Fouress Engineering, Bangalore.
6. M/s. Greaves Cotton, Bombay.
7. M/s. Indian Valves, Nasik.
8. M/s. Kirloskar Brothers Limited, Pune.
9. M/s. Heinlehmenn (India), Calcutta.
10. M/s. Shiv Durga, Calcutta.
11. M/s. Flowseal Engineers, Ahmedabad.