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<b>Geophysical Surveys (Seismic)</b>		
(1) Cooch Behar-Alipur Duar . . . . .	1960-61	S. Lyngdoh Scientist.
(2) West Dinajpur Dist. . . . .	1961-62	C. L. Singh, Geophysicist.
<b>Geophysical Surveys (Gravity cum Magnetic)</b>		
(1) Raiganj Gajol Samsi . . . . .	1961-62	H. Chakraborty and K. G. C. Rao, Geophysicists.
(2) Malda area . . . . .	1963-64	K. G. C. Rao, Geophysicist.
<b>(c) Geological Reports</b>		
(1) Progress report on work in Buxaduar area . . . . .	1960-61	D. N. Basu, Geologist.
(2) Progress report on work in Darjeeling Foothills area . . . . .	1961-62	S. Ganguli, Geologist.
(3) Progress report on work in the area between Tindharia and Ghum in Darjeeling District . . . . .	1966-67	P. K. Chatterjee, Geologist.
<b>Geophysical Reports (Seismic)</b>		
(1) Report on reflection seismic survey in Cooch Behar-Alipur Duar area of West Bengal . . . . .	1960-61	S. Lyngdoh, Geophysicist
(2) Report on reflection and refraction surveys in Bihar and North West Bengal . . . . .	1961-62	C. L. Singh, Geophysicist
<b>Geophysical Reports (Gravity cum Magnetic)</b>		
(1) Report on gravity magnetic survey in Raiganj Gajol Samsi Chanchal area . . . . .	1961-62	H. Chakraborty and K. G. C. Rao, Geophysicists.
(2) Report on gravity magnetic survey in Malda Santhal Pargana area . . . . .	1963-64	K. G. C. Rao, Geophysicist

**Production by M/s. Smith Stanistreet and Company Ltd.**

220. SHRI SARAT KAR:  
SHRI SUDHIR GHOSAL:

Will the Minister of PETROLEUM, CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether M/s. Smith Stanistreet and Company has been nationalised;

(b) if so, details of the production of the unit at present in comparison to the production before the nationalisation; and

(c) the details of the action taken up to date to increase production and the expansion programme?

THE MINISTER OF PETROLEUM AND CHEMICALS AND FERTILIZERS (SHRI H. N. BAHUGUNA): (a) Yes, Sir. It was nationalised on 1st October, 1977.

(b) Month-wise break-up of production before nationalisation and after nationalisation is as under:—

Production (Rs. in lakhs)

Period	1976-77	1977-78
November . . . . .	37.36	40.65
December . . . . .	40.64	43.08
January . . . . .	44.11	40.90
February . . . . .	41.27	36.61
March . . . . .	44.29	45.34
April . . . . .	31.32	41.31
May . . . . .	40.37	48.27
June . . . . .	37.61	55.40
	316.97	351.56

(c) Steps taken to increase the production comprise rationalisation of product-mix, introduction of new products, improvement of technology, rationalisation and application of modern management techniques. Government has also approved in March 1978 the company's modification/expansion programme at an outlay of Rs. 75.58 lakhs, which will increase the production further.

#### Utilisation of Installed Capacity by Industrial Units

221. DR. BIJOY MONDAL: Will the Minister of PETROLEUM, CHEMICALS AND FERTILIZERS be pleased to state:

Year	Rated Capacity	Achieved Prodn. (TPA)	Capacity Utilization (TPA)
1975-76	71555	54614	76%
1976-77	71555	55980	78%
1977-78	71555	68465	96%

(b) and (c). Several measures including de-bottlenecking in some of the plants and in-house Research and Development in association with other research Institutions have been undertaken to further improve Capacity Utilization. Most of the other enterprises are engaged in the manufacture of more than one products. Information in respect of the remaining Industrial Units under the administrative control of the Ministry is hence being collected and will be laid on the Table of the House in due course.

#### Production by Fertilizer Units

222. SHRI M. A. HANNAN ALHAJ: Will the Minister of PETROLEUM, CHEMICALS AND FERTILIZERS be pleased to state:

(a) the details of the production and percentage of the capacity utilisation by the Fertilizers units in the country during the last three years, year wise, unit-wise;

(a) the details of the production and percentage of the capacity utilised by the Industrial units under his Ministry, unit-wise, during the last three years, year-wise;

(b) the details of the programme for increasing capacity utilized by these units, unit-wise; and

(c) the action taken thereof?

THE MINISTER OF PETROLEUM AND CHEMICALS AND FERTILIZERS (SHRI H. N. BAHUGUNA): (a) Hindustan Organic Chemicals Limited:

(b) the details of the proposal to increase capacity of these units during the Sixth Plan Period;

(c) whether it is a fact that in spite of increasing of production during the last three years there will be no increase of capacity of Haldia Fertilizer unit; and

(d) if so, the detailed reasons thereof?

THE MINISTER OF PETROLEUM AND CHEMICALS AND FERTILIZERS (SHRI H. N. BAHUGUNA): (a) Two statements I and II giving the unit-wise production and capacity utilisation for the last three years for nitrogen and P<sub>2</sub>O<sub>5</sub> are laid on the Table of the House. [Placed in Library. See No. LT-2398/78].