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ICI and the Kanpur Fertiliser Project

A Case Study of Foreign Investment* Robin Muray __

In October 1964 the Government of India set up a Committee, under the chairmanship of Shri B. Sivaraman, "to examine the long-term and short-term problems connected with distribution of all chemical fertilisers, nitrogenous, phosphatic, potassic and to recommend measures for evolving an effective system of distribution of fertilisers with a view to bringing about a rapid increase in their use for increased agricultural production". In the Committee's report which was completed in September 1965, it was pointed out that soil tests had indicated that almost all soils in India needed additional nitrogen, 85% needed additional phosphorous and 63% required additional potash if crop yields were to be increased by the 50-100% necessary to meet India's food requirements over the Fourth Year Plan period. Accordingly whereas the total availability of fertilisers in India amounted to 0.473 (m. tons.) of Nitrogen (N), 1 0.138 (m.tons) of Phosphorous (P_2O_5) and 0.051 (m.tons) of Potash (K_2O) in 1964-5, the Committee estimated that a 'realistic' figure for fertiliser needs at the end of the Fourth Plan (1970-71) would be 2.41 m.tons of N, 1.02 m. tons of $P_{9}0_{5}$, and 0.7 m.tons of $K_{9}0$. The estimates were of the same order of magnitude as those made by the Working Group of the Indian Dept. of Agriculture, by US AID and by the Stanford Research Institute which for the year 1970-71 were respectively for N, P₂0₅ and K₂0, (2.00, 1.00, 0.35); (2.65, 1.34, 0.68) and (2.08, 1.29, and 0.67). These were enormous demands from an industry which was only producing half of the fertiliser available in 1964-5 (0.238 N, 0.126 P₂0₅, and virtually no K₂O), and from a country which was at that very time going though a severe Balance of Payments crisis.

Significant fertiliser production in India dates from the second world war.

The Japanese invasion of Burma in 1942 cut off India from its traditional supplier of rice, and increased the urgency of improving domestic rice yields by using

^{*} For their help and advice in the preparation of this case study I would like to thank the following: Mr.Michael Clapham of I.C.I.; Mr.Ajit Mozoomdar of the Indian High Commission; Mr.Stephen Merrett of the Higher Education Research Unit at L.S.E., and Mr.John White of IDS, University of Sussex.

^{1.} This figure is for nitrogen from the Central Fertiliser Pool supplies - total nitrogen consumed in India in 1964-5 was 550,000 tons.

chemical fertiliser. The first factory was initiated in one of the worst hit states, Travancore (now part of Kerala) at a site called Udyognandal. It started commercial production in 1948, with an annual capacity of 50,000 tons of ammonium sulphate. Similarly the Bengal famine of 1943 although caused by the structure of food distribution more than by a serious food shortage, was one of the factors in the construction of an ammonium sulphate plant with an annual capacity of 355,000 metric tons at Sindri near the Bihar/Bengal border. Commercial production began in February 1952.

Udyogmandal and Sindri originated in experiences of food shortages in the 2nd world war. They were both based on old technologies. The second set of fertiliser plants was connected with the 2nd plan and used more advanced processes. Nangal (with an annual capacity of 388,000 metric tons of calcium ammonium nitrate) was decided on in 1955 and started full production in 1962. Trombay, 15 miles north of Bombay, originated in recommendations by the Indian Fertiliser Production Committee in 1955, though the plants (with an annual capacity of 99,000 metric tons of urea and 330,000 metric tons of nitrophosphates) were not completed until 1965. The production of urea at Nevveli was proposed in 1954, and received government sanction in 1957: again however there was a long gestation lag; the plant (with an annual capacity of 153,000 tons of urea) did not start commercial production until March 1966. Finally, the 52,000 metric tons p.a. ammonium phosphate plant at Ennore, owned and operated by E.I.D. Parry Pit, a private sector concern, was initiated in 1963. A Nap of the major factories of the Indian Nitrogen Fertiliser Industry is reproduced as Exhibit I.,

In spite of the severe hold-ups in the implementation of many of these projects, and difficulties of capacity utilisation experienced once plants came on-stream (the Savaraman Committee estimated that capacity utilisation during 1965-6 would be 61% for nitrogen plants and 65% for phosphates), the growth rate of Indian fertiliser production over this period was remarkable. Stephen Merrett of the Higher Education Research Unit, LSE, gives estimates of annual rates of growth of actual and capacity output of 28.8% and 22.4% respectively for the period 1949-50 - 1965-6, compared to 6½% for aggregate industrial production in India.

The great majority of this growth came from public sector plants. In 1965 the four public sector fertiliser plants produced 90% of total output (see Exhibit II). There were two reasons for this emphasis. First successive Indian governments had pursued a policy aimed at keeping the chemical fertiliser industry under public control. Second, although consumption was increasing rapidly in the 50's, the market was still too small to be attractive to foreign fertiliser producers.

In the early 1960's, however, the situation changed. To begin with, there were significant technological changes in the production process. Figure I gives the elements and processes involved in nitrogenous fertiliser production. The main process involves producing nitrogen and hydrogen, then synthesising them in the ratio 1:3 to form ammonia and finally converting the ammonia into an agriculturally effective substance.

Technological changes have taken place in most parts of this process, but in particular one can single out those concerned with hydrogen production and those related to the synthesising of ammonia. The production of hydrogen involved the breaking down of solid, liquid, or gaseous hydrocarbons. The hydrocarbon molecule is cracked (decomposed by great heat) into its constitutent parts, one of which is hydrogen, and the free hydrogen in the process gas is then isolated in the gas purification plants. The usual method of decomposition was known as partial oxidation, when the temperature was raised by mixing the primary reactants with oxygen. An alternative method known as the tubular process consisted of raising the temperature from a continually operating furnace through which tubes containing the reactants run, but the drawback of this method was that at high pressures the reaction tube tended to get blocked by carbon deposits. At the beginning of the 1960's ICI introduced a new nickel catalyst which both activates the steam-naptha reaction and inhibits the degredation of naptha molecules into carbon. While this so-called naptha-steam reforming process limited the raw material hydrocarbon input to naptha and natural gas, it nevertheless offered considerable savings in comparison to the heavy capital and current costs of the tonnage oxygen plant required by the partial oxidation process.

At about the same time a US firm, Kellogs, developed an innovation in This stage in the fertiliser production process consists ammonia synthesis. of passing nitrogen and hydrogen in their pure states over a promoted iron oxide Under great heat and pressure part of the mixture synthesises to ammonia and is bled off, while the unreacted gases are re-circulated to join the fresh feedstock. The pressure may be set anywhere between 150 and 600 atmospheres, and was conventionally achieved by electric-motor driven reciprocal compressors. Kellogs introduced a large-scale, single train, steam-turbine driven centrifugal compressor which had the advantages of requiring a lower capital cost on the synthesising plant, a sharp reduction in bought-in power, and an increase in onstream time by about one week a year because of its inherent simplicity and reliability. On the other hand it implied a high minimum economic size of about 600 tons of ammonia per day, and was inefficient in synthesising the process gases at the relatively low pressure of 150 atmospheres at which centrifugals must operate. A considerable controversy has surrounded the centrifugal compressors, but to quote Stephen Merrett again, "in the Indian context, where power cuts have been a major cause of poor performance, the great reduction in bought-in electricity requirements of the centrifugal compressor may well prove to be a conclusive advantage".

The important point about both these innovations is that, taken together with an increased rate of growth of fertiliser consumption in India from 1962, as well as the fact that in a number of areas demand had reached a threshold which allowed the realisation of economies of scale, foreign chemical firms began to show a greater interest in developing fertiliser production in India.

From the point of view of the Indian government, we have already touched on the estimates for fertiliser requirements until the end of the decade, on the difficulties faced in bringing planned fertiliser plants on stream, and on the balance of payments crisis. The gap between total fertiliser availability and target fertiliser consumption was progressively widening. Imports still constituted half of nitrogenous fertiliser availability in 1963-4, and 1964-5, and almost all the potash. There were clearly difficulties in meeting the increased demand either

from imports, or from Indian financed production if the new plants were to be built with imported modern technology.

Certainly the World Bank and the U.S. government thought the Indian situation was such as to make the continuation of the public sector policy for India inadvisable. They argued that the foreign exchange requirements of new fertiliser plants could be made available from private sources without eating into aid from the Aid India Consortium. Between 1963-5 continued aid from the Consortium was made conditional on the opening up of the fertiliser industry to private capital.

It is against this background that the Indian government decided to involve private indigenous and foreign capital in the production of chemical fertilisers. The changing balance as it had developed by 1965 is apparent from Exhibit II. Yet it was clearly one thing to announce a willingness to accept private capital, and another to change particular parts of government fertiliser policies to the degree necessary for private firms (particularly those from abroad) to be encouraged to invest.

We may isolate the following aspects of government policy which were to be the cause of conflict between foreign fertiliser firms and the Indian government: (a) the marketing of fertilisers was predominantly in the hands of co-operative agencies. (See Exhibit III.) That co-operatives should play such a leading role had been emphasised by successive official bodies, the Famine Enquiry Commission for Bergal (1945), the Second Foodgrains Policy Committee (1947), the first Five Year Plan, the National Co-operative and Warehouse Board (1957), the National Development Council (1958), the Nalagarh Committee (1958) and the Working Group on Co-operative Policy (1959). It was hoped that fertiliser distribution would give monetary benefits to co-operative agencies, that the co-operative sector would provide credit for all needy farmers (and fertiliser consumption was heavily dependent on credit), and that in remote areas co-operatives formed to provide agricultural services would be the only channel for fertiliser distribution. practise the co-operatives had not made substantial profits from fertiliser distribution, the volume of co-operative credit had not been large enough to serve farmers outside the co-operative fold, and their small scale and the

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limitation of their activities to fertiliser distribution meant that they did not enjoy economies of scale attributed to distribution fertiliser agencies in developed countries (employment of full-time salesmen, co-ordination of marketing and processing of agricultural produce, supply of key inputs). Nevertheless the fact that the co-operatives were still the sole agency for institutional rural credit gave them a singular advantage: the number of co-operative fertiliser depots had risen from 23,548 in 1959, to 60,725 in 1964; and as for the limitations of scale the Savaraman Committee concluded that this was not a reason for restricting co-operatives but expanding them, "If the Co-operative System is to play its rightful part in fertiliser distribution, it should take a more active part in the marketing and processing ventures and also meet the needs of the farmers for requisites like seeds, pesticides, agricultural implements and other necessities." (Report p.50). Thus although firms selling complex fertilisers were allowed to m market directly, and although the Savaraman Committeedoubted whether the co-operative system could manage, let alone want, to deal with the distribution of the full increase of fertiliser production, the policy favouring co-operative distribution of fertilisers was deeply entrenched in principle and in practise.

- (b) the centralisation of nitrogenous fertilisers in the Central Fertiliser Pool, operated by the Ministry of Food and Agriculture. The scheme was set up in 1943-4, and it developed to ensure first that imports did not undercut home production (which was for the most part higher cost production than imports,) second to even out prices through India, offsetting the spatial disadvantage of those areas far from ports of import or indigenous production plants. The pool controlled all imports of complex and nitrogenous fertilisers, buying nitrogenous fertilisers from the principal manufacturers, and allocating throughput the country. The spread of import, ex-factory, and pool prices is given in Exhibit IV.
- (c) foreign control and joint ventures. Where foreign capital entered India as part of a joint venture with private Indian capital the government had attempted to restrict foreign companies to a minority holding. Where the joint venture was with the government itself, a policy was clearly laid down (after negotiations with Esso over a lubricating oil plant in May 1963) that the Government should

hold at least 51% of the equity. With smaller companies, and with some companies establishing themselves for the first time in India, the policy had some success, but in general the need for foreign exchange did lead to a softening of the provisions. Not only did the companies themselves often insist on majority control to secure control of the management of the business, in production, marketing, finance, and information, but foreign majority control was also required by foreign bankers providing loan funds and by USAID in cases where it was arranging for investment guarantees to the private U.S. investor. Revertheless, even in the cases where the government did concede the majority to the foreign investor they did still try and ensure that (i) the debt-equity ratio was not too high, and (ii) that the Indian shareholders did hold a substantial part, even though a minority, of the shares.

- (d) high proportion of local inputs, both capital goods and labour.
- (e) general view on the relationship of private capital and the state. The Indian government, in as much as it had a coherent view, appeared to see its function as carefully screening private projects through a system of licensing, and capital and personnel requirements, and so on, but that firms who successfully passed through this screening should be allowed freedom to operate, with all that this freedom implies (i.e. freedom to make losses as well as freedom to repatriate earnings for example). In particular the Indian government was most reluctant to guarantee tax rates, security of import supplies and so on. Profits were in part a payment for risk-taking, and the government was most unwilling to reduce these risks particularly where this bound the government's or some future government's economic sovereignty.

The Bechtel negotiations

The first major negotiations under the new Indian policy towards foreign participation in fertiliser production took place with a U.S. consortium led by Bechtel, One of the companies involved was Kellogs, the developers of the centrifugal compressor system, and the project under discussion proposed to use the new system to produce 600 tons of fertiliser per day. As a consequence of this Bechtel argued that all plant would have to be imported: though the Indian

government claimed that not all plantsconsisted of compressors and that significant portions could be provided by Indian suppliers who had developed as the result of the purchasing policy of the public sector fertiliser plants. Eventually, however, the Indians accepted that the great majority of the Bechtel plants would be imported.

A second source of disagreement concerned marketing. Bechtel wanted complete freedom to market their products at their own prices. This conflicted directly with the system of co-operative distribution discussed above. Yet as we have seen there already existed doubts as to the capability of the co-operatives to manage a greatly increased scale of fertiliser distribution, and the principle of free marketing had been one emphasised by the World Bank and USAID. In the course of the negotiations the Indians compromised on this point as they had on the first. Bechtel's payback period was five years. They accordingly offered Bechtel complete freedom for 7 years to market their product at an uncontrolled price. If, after 7 years, the decontrol worked, it could be maintained.

The negotiations finally broke down, however, on the questions of guarantees Bechtel sought a commitment from the Indian government that tax rates would not be altered for 7 years. They also sought a guaranteed off-take, the Indian government buying any unsold balance at a price which would have assured Bechtel a minimum of 20% profit post tax. In both these cases the government felt the d demands unreasonable enough to make the whole project unviable from the Indian point of view.

ICT and the Kanpur Project

The Bechtel negotiations were succeeded by those with I.C.I.. I.C.I. had already had considerable experience.in India. Since 1954 it had been involved in a joint venture with the government of India called Indian Explosives Limited which was set up to manufacture commercial blasting explosives and their accessories. By 1965 IEL had an annual turnover of 80.2m.Rs, a pre-tax profit of 19.3 m Rs, paid taxes of 11.0m.Rs, and controlled fixed assets of 62.4m.Rs. Besides manufacturing explosives (18,765 tons in 1964/5) safety fuse (9.04 m.coils) and gun powders, it was currently engaged on an export drive and the construction of a new detonator

In the field of fertilisers ICI had supplied the leader and one other member of a three-man technical mission commissioned by the Indian government in 1944 which had recommended establishing sulphate of ammonia production at, among other places, Sindri. The main contractors for the Sindri plant were an American firm, Chemical Construction Corporation (CCC), to whom ICI acted as consultants on the design of the sulphate plant, as well as helping in the commissioning of this section. ICI had also built up an export market of complex and phosphatic fertilisers to India, marketing the products directly. In 1960 the value of all ICI exports to India was £ 100,000 f.o.b..

In 1964 I.E.L. and the ICI Agricultural Division made a preliminary assessment of fertiliser manufacture, followed by a market investigation in Uttah Pradesh and Punjab where demand for nitrogenous fertiliser had been growing rapidly, (see Exhibit V). In December 1964 they formally advised the Indian government of their interest in fertiliser manufacture, and followed this up with a detailed analysis of the Kanpur site in Uttah Pradesh. (Exhibit VI).

The Plan put up by ICI to the Indian government involved an expenditure (after the devaluation of the rupee) of 61.86 crores. (This was the figure given in the share prospectus - later estimates of the capital cost gave a figure of 59.30 crores, £34 m.) Ammonia was to be provided by an 830 tons per day plant arranged in two streams, using ICI's naptha/steam reforming process and ICI's ammonia synthesis (see Figure 2). The urea plant was also organised in two streams to produce 1,400% tons a day, or 450,000 tons per year, using the urea process known as Toyo Koatsu.

The Indian government were not immediately convinced of the efficacy of the technical proposals given that they involved using the conventional method of ammonia synthesis rather than the new centrifugal compressors proposed by Bechtel. ICI for their part argued that the market was not as yet large enough to allow the compressor economies to be enjoyed, and that the conventional system was in fact cheaper because it could work with fewer breakdowns (thus more effective days per year and lower repair bills). Compressors were not in fact being produced in the U.K., and ICI's first use of the centrifugal system in the U.K. had had considerable teething problems. To manage the difficulties of a new technology in England rather

than in India (where maintenance was always somewhat of a problem) was clearly preferable for ICI. In the event the Indian accepted ICI's arguments, and Kanpur ammonia is produced in a two stream 830 tons per day plant.

Pricing and Distribution

The other matters which had caused difficulty in the Bechtel negotiations, led to fewer problems in the case of ICI. The Indian government extended the 7 year formula for freedom of pricing and distribution to ICI, and also agreed to allow ICI to undertake a 'seeding' programme. This seeding programme consisted of building up a distribution and marketing network using imported urea from the Government pool prior to the Kanpur project beginning production. The programme was in fact launched in the winter of 1967 and its aim was to set up distributors (wholesalers) and selling points in each district of Uttak Pradesh, Haryana, and Punjab by 1969-70 before the first urea came from Kanpur. By September 1970 IEL had established 200 Indian distributors, over 3000 selling points, 4 Area Sales Offices, 30 Buffer Stocks and a programme that had carried out over 5000 demonstrations to farmers on the benefit of urea as a fertiliser.

Taxes and Profits

For their part, ICI accepted both the absence of a profit guarantee, (or sales off-take), as well as the lack of any commitment on stable tax rates. They were offered and accepted pioneer relief (i.e. tax concessions over the early lifetime of the project), and the government gave conditional assurances, subject to availability of foreign exchange, the continuing availability of imported raw materials and spare parts.

Domestic Inputs

As far as purchasing of domestic inputs were concerned, the technological decision to use ICI's ammonia synthesising process allowed a greater proportion of inputs to be made locally. In fact over 50% of the equipment was procured from Indian sources. On the labour side, a core of 60 ICI technical personnel together with 40 ICI Indian staff trained in England in ICI Ammonia and Urea plants, supervised the project. Most of the work was carried out by Indian contractors (45 in all) employing 3,500 men, almost all of whom were Indian, and while the Toyo Engineering Corporation was contracted for the urea plant, their erection work was sub-contracted

to an Indian firm. In July 1970 Indian staff took over direct operational responsibility for all the Kanpur plants. The Board of Directors and the Organisation Chart of the Fertiliser Division is reproduced in Exhibit VII. The total manpower requirement for the running of the factory numbered 1030, including 113 Management Staff, and for Marketing/Distribution 550, including 62 management staff.

Organisational Form

On the question of the form and control of the company there were some differences. ICI wanted to incorporate the fertiliser project into IEL's operations rather than form a new company: IEL had substantial accumulated reserves for expansion (capital reserves totalled 5.2 m Rs in September 1966); they had an established management staff; capital allowances on new expenditure could be immediately used; and for an existing company with a good record it was thought that borrowings would be easier to arrange; finally IEL needed ammonia for explosives manufacture and there were economies in internal supplies. The Indian government who had at first wanted a new company, accepted these arguments, and acknowledged the difficulties that an IEL contribution to a new company would cause because of double taxation of dividends within India.

They were still concerned about ICI's dominance in the equity of the project. In IEL as of July 1966, ICI had 70% of the paid up capital, the President of India 17.5%, and the Indian public 12.5%. As we have seen Indian policy was against allowing foreign majority holding, particularly where the government was involved: it was also against accepting foreign equity holdings to a value greater than that of the import content of the project. The position was further complicated by the participation in the equity of IFC Washington, since it was not clear whether their share (10%) should be counted in the capital structure for the purposes of control.

For their part ICI insisted on a majority equity holding. As they put it:
"It is ICI's policy to have a controlling interest in any major investment within its most important fields of technology. The basic reason for this is that the pace of technological development and hence the value of the Group's capability as an investor and manager is increased if there can be free and rapid interchange

private" sources, i.e. without the backing of public or semi-public financial institutions.

Technological fees

One of the most difficult areas of a foreign investment such as that of ICI's in Kanpur is the valuation of the technology brought in with the investment. Details of the charges agreed upon are given in Exhibit9. The Indian government had some experience in this field. The state fertiliser companies had bought know-how from abroad. They also sold know-how themselves and had their own scale of consultants' fees. The final set of fees came to \$\mu\$ 2,194,000, which, according to ICI, covered the estimated costs of design and training, but only made a negligible contribution to the company's total costs of research and development on the processes it was contributing. We have already noted that the level of this lump was used by ICI as a major argument in favour of a large equity holding in IEI. Maphtha

The principle raw material for hydrogen production at Kanpur was naphtha. was to be supplied from Indian refineries from which it was a by-product - the main output of refining being kerosene and diesel. Naphtha therefore had a low marginal cost. It was priced on a basing point system, of ports plus carriage, but when the carriage was a pipeline (and it was proposed that Kanpur would be served through the Barauni-Kanpur white oils pipeline), and when the product might come from a number of refinaries (the nearest being Barauni, then Ganhatti, then Calcutta which was in the process of construction - or even from Goodjerati by rail) it was clearly difficult to settle a stable price. There was little argument with the government of India over the basic cost of naphtha, but with the Indian Oil Corporation two problems arose. First ICI wanted a fixed point of supply, whereas the IOC clearly had an interest in preserving the flexibility of supplying Kanpur from a number of refinaries. Second, ICI wanted to buy solely straight run naphtha (which is the first off drawn in the refinary process) and not be subject to supplies of catalytic naphtha (which comes off later during refining). A changing mix of these two types of naphtha involved technichal difficulties from the point of view of the Kanpur operations, though from ICC's point of view the ability to change the

agreed to supply IEL with straight run naphtha only, but from any refinary - all gas to be priced at cost plus railway freight from Barauni.

This then was the main character of the package agreed by ICI and the Government of India. The factory was inaugurated by the Prime Minister herself on December 6th 1969, and by September 1970 overall production totalled just under 148,000 tons. ICI estimated that when in full production (by 1974) the plant would enable an additional 2 million tons of foodgrains to be produced annually, enough to feed 20 million people and save foreign exchange of approximately Rs 30 crores. From ICI's point of view, it was reported by Maurice Corina in the Times of London in January 1970 that ICI's Indian operations were consistently topping the group's international profits league table as well as providing the company with valuable experience in operating in the politically sensitive sub-continent. He added, "The persistence of ICI in assisting against all sorts of problems that would have made lesser companies withdraw long ago does not represent good works. It looks like good business too, and this will be more evident as the solution of food problems leads on to the establishment of Indian industry on a firmer base so opening a huge market for ICI products of all kinds."

How would you assess the outcome of the negotiations from the point of view of the Indian government?

R.M.

January 1971.

APPENDIX 1.

Costs of the Kanpur Project.

Capital costs are given in Exhibit VIII. These would normally be phased over the four years of construction in the proportion, 15%, 30%, 40%, 15%.

Estimates of operating costs are given in Exhibit X.

In their original calculations ICI used a depreciation rate of 8% on plant and 4% on buildings.

Technichal fees were incorporated into the fixed capital estimates and treated as a cash outflow in the project evaluation.

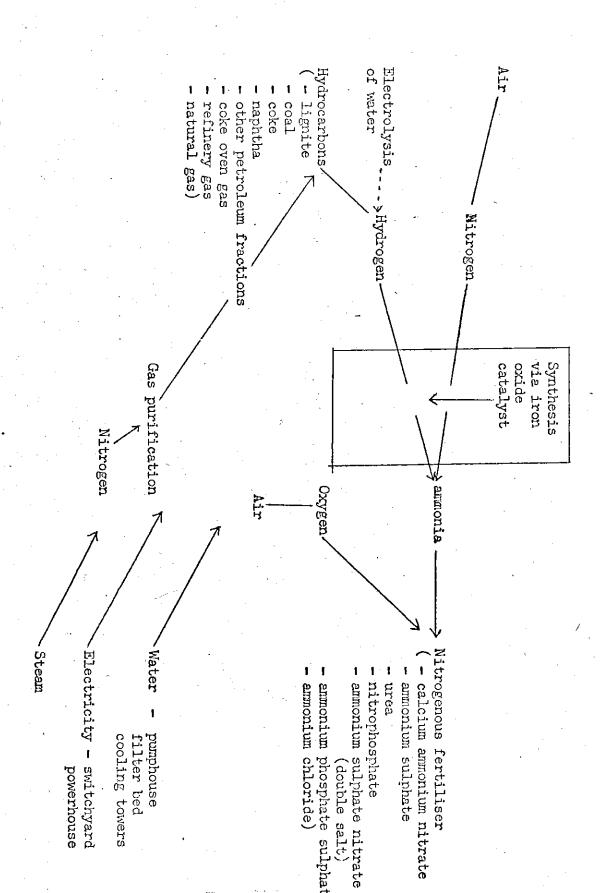
ICI's discount rate is not known.

I.E.L.'s Balance Sheet and Profit and Loss Account for 1970 are attached as Exhibit XI.

Note: 18 rupees = £1

1 lac = 100,000 rupees

1 crore = 100 lacs.



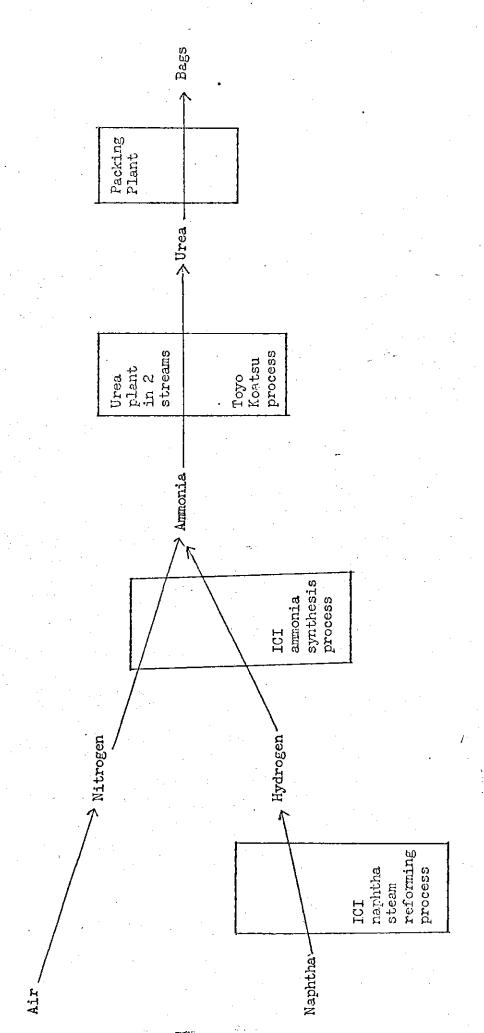
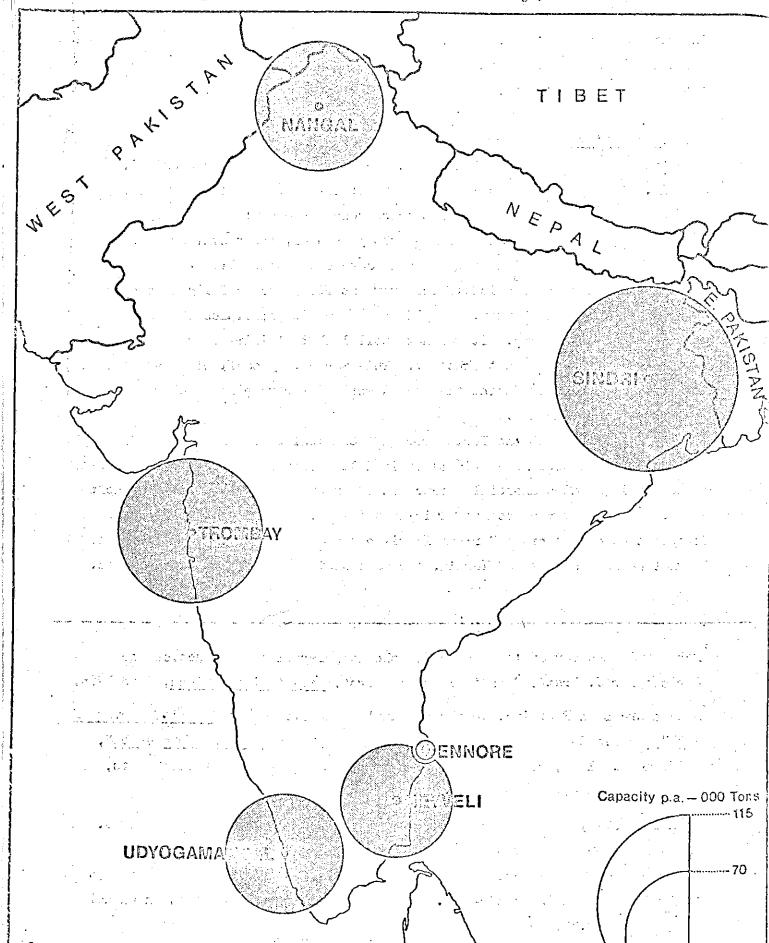


Figure II

Location of Major Factories of the Indian Nitrogen Fertilise: Industry, 1966



·					2,281,250	GRAND TOTAL	والمعارض وال	17,000	Amai, Chloride	4.0.000	
					782,000	TOTAL D	Naphtha July, 1965.	. 100,000 . 100,000	Amm. Sulphate Amm. Phos.	40,000	6. FACT expansion
	1968-69	Naphtha Naphtha	-	To be decided.	ı	2. Kanpur	Naphtha March, 1968.	560,000	Amm. Sulphere Phosphate	125,000	5. Durgapur
				Urea .	000,02	i. Private Sector i. Kota (DCM)	Naphtha -de-	179,320	Amm, Sulphate Urea	. 80,000	4. Gorakhpur
				g	\$42,000		Natural March, Gas 1967.	55,000	Urea	. 45,000	3. Namrup
	September, 1968.	Septe		of Ammonium phosphate from 16: 20:				330,000	Nitro-Phos.		
			60,000	Change in composition	. 10,000	4. FACT IV Stage	Fuel Oil Sentember,	. 154,000	Orea . Urea .	, , , , , , , , , , , , , , , , , , , ,	2. Trombay
	1968-69	Do.	520,000	ਰ	. 132,000	3. Cochin	tion				
•	1968-69	Naphtha		Do.	. 200,000	2. Kaldia	Likely date of comple		: NOITA	RIMPLEMENT	B. PROJECT UNDER IMPLEMENTATION:
	·			ROPOSED FOR IMPLEMENTATION:	SED FOR IM	I. PROJECTS PROPO I. Public Sector I. Madras				. 385,250	$ extsf{Total}(A)$,
	taking	Orissa Undertaking	ot. of	*State Govt, of	. 408,000	TOTAL C		. 100,000	Amm. Sulphate	oke 20,000	By product from coke oven plant
		•			308,000				blic/Private)	ke Oven Plant (Pr	3. By-Product from Coke Oven Plant (Public/Private)
•	1970-71	Coal	86,000	Urea*	. 40,000	4. Talcher Complex				18,250	
	Do.	Naplitha	38,610	Amm. Sulphate	8,000	3. Ennore Exp.	Coke.	. 40,610	Amm. Chloride	10,000	(2) Varanasi .
	Do.	Naphtha	400,000 165,000	Amm. Phosphate Urea	. 160,000	2. Goa	Naphtha.	; . 52,830	Amm, Phosphate	. 8,250	
	1968-69	Naphtha	217,800	∪rea .	. 100,000	•					2. Private Sector.
•									•	347,000	
	3-69.	Coal 1968-69.	217,800	NCIPLE: Urca	PPROVED IN PRINCIPLE:	C. PROJECTS APPRO I. Puelle Sector Korba		• -	Amm. Sulphate Amm. Phosphate Amm. Chloride.	30,000	4. FACT, Alwaye
					. 1,091,250	TOTAL A+B	Coke Oven gas.	594,780	Do.	120,000	3. Rourkela .
				-	. 706,000	Total(B)	Power	388,000	Calcium Amm.	80,000	z. Nengal
		Gas.	256,000	1 1	256,000	TOTAL .	Coke Oven Gas, Coke & Gypsum	355,000 121,920 23,470	Amm. Sulphate Double Salt urea	. 117,000	I, Sindri
	March, 1967.	Naphtha Refinery	100,000	Urea Amm. Sulphace	. 96,000	3. Gujarat (Baroda)				(tonnes)	
	1966.	Coal	16,500	Urea	80,000	z. Kothagudam) Raw material.	End product and capacity (tonnes)	End product and	Capacity in terms of	Name of the factory
	December	Naphrha	364-000	Amm. Phosphare	. 80,000	2. Private Sector I. Visakhapatnam					1. Public Sector
Έγ			:	s)	(tonnes)		litrogen,		•	Production PRODUCTION	4th Plan Target of Production A. FACTORIES IN PRODUCTION:
٠.	Likely date of completion	Raw. I		n End product and capacity (tonnes)	Capacity in terms of	Name of the factory	of Nitrogen	800,000 tonnes of Y	. 800,	Production .	3rd Plan Target of Production

Number of depots run by the Government, Cooperatives and other agencies in States

							1	No, of retail	depots	
State	•						Govern- ment	Coopera- tives	Other agencies viz. private etc.	Tot2l
ı. Assam	•	•				٠	1,000	. 67	. 133	1,200
2. Andhra Pradesh 3. Bihar		•	•	•	•	•	767	3,72I -4,099	2,119 55	6,607 4,154
4. Gujarat	•	•	•	•	•	•	• • • • • • • • • • • • • • • • • • • •	2,306	1,010	13,316
5. Kerala			·	·	·			1,201	607	1,803
6. Madhya Pradesh	ı			•				4,210	301	4,511
7. Madras					• `		••	3,310	637	3,947
8. Maharashtra	•	•	`•	•		•	• •	5,000(a)	• •	. 5,000(a)
9. Mysore	•	•	•	•	•	•	• •	976ر2	• •	2,976
10. Orissa	•	•	•	•	•	•	• •	2,393	••	2,393
II. Punjab	•	• _	•	•	•	•	9.5	45500		4,500
12. Rajasthan .	•	•	•	4	•	•	. 26	307	2,522	2,855
13. Uttar Pradesh 14. West Bengal	•	•	• -	•	•	•	. 875	11,547	568 2,871	12,990
14. West Bengar 15. Himachal Prade	ve.h	•	•	•	•	•	2	700 314	339	3,57 1 655
16. Pondicherry	JIL	•	•		•	•		84	539 9	93
17. Goz, Daman &	Din	•	•	• •	•	•	6	128	15	149
18. Delhi .							ר י			- 72
19. Jammu & Kash 20. Manipur .	mir	•			•) } N.R.	. N.R	. N.R.	N.R.
21. Triputa . 22. Nagaland .	•	•	•	•	•	:	J		in July 1	ta i

60,725

N.R.—Reply not received.
(a)—Approximate.

是不是一个,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们也会会会会会会会会会会会会会会会会会会会会会会会

Procurement prices of indigenous fertiliser as compared to C & Fimport prices, Pool Prices and no-profit no-loss prices.

(Rs./tonne - import prices are C & F)

			·			(2101)101212	The part of the pa	
3. No.	Fertilizer	Source -	1961-62	1962-63	1963-64	1964-65	1965-66	Remarks
I	2	3	4	5	, 6	7	8	9
I	Sulphate of Ammonia Sindri		295 20	295.20	307.20	316.00	316.00	
	FACT		336.00	365.00	335.00	316.00	316.00	
	By-proc	duct	246.00	246.00	246.00	246.00	246 co	
			-	250 00*	250.00*	250 00*	270.00*	*Ex-Burrakur.
	IMPOI	RT	219 65	210.36	201-05	284.48	307.73	Provisional Reced to Rs. 26.
		1	315-50	302·08	302.40	302.00	299-20	
	Pool price (excluding inland Rly. freight)	,	(upto 30-11-61) 301-00				-,, 25	
· ·			(from 1-12-61)					
	No-profit no-loss price (excluding inland	d Rly freight)	272.68	259 61	261.98	311 04	325 08	(provisional)
2	Urea Sindri		646.00	646.00	672.00	582·co	582 CO	
	IMPOl	RT	470-40	438-45	1	411.14	504.64	
44		. (605·53 upto	640.00	640.00 (upto	540.00	537 · CO	
<u>.</u>	Pool price (excluding inland Rly, freight)		30-11-61)		30-12-63)	-		
) .		. •	(from 1-12-61)		(from 1 1-1-64). J	•		٠, .
	No-profit no-loss price (excluding inla	and Rly, freight)	. 513.88	484.10	412 89	449 40	544 99	(provisional)
}- <u>-</u>		energy of the production of the contract of th				· · · · · · · · · · · · · · · · · · ·	والمدوسيستان جيمة	
3	Calcium Ammonium Nitrate Nangal	& Rourkela .	275.00	275 · 00 (upto 22-4-62	280 ∞(N) 256.00	256.00*	*Rourkela commenced pr
			• • • • • • • • • • • • • • • • • • • •	280'00 (from)	/			duction in 1962-
	IMPOŘ	rs	211-29	23-4-62	No Impo	rts.	∠39.∞o	
	Pool price (excluding inland Rly. freight)		291.35 (upto 30-11-61)	239.∞	239.00	239 00	(upto 7-8-65)	
			276-55 (from [1-12-61)				271.00 (from - 8-8-65)	-
	No-profit no-loss price (excluding inland	Rly freight)	270.65	309.00	282-45	260.00	267 ·68	Provisional
4	Ammonium Sulphate Nitrate Sindri	• •	394.00	394-00	405.00	426.00	426.00	• .
	IMPOR Pool price (excluding inland Rly fre		265.46 372.42 (upto	370.00	No Impo 370.00	71 s. 372 00	369 20	
1			30-11-61 363·92) . ·	· -		•	
	No-profit no-loss price (excluding inlan	nd Rly freight) .	(from (1-12-61) 363-92	405·88	417 10	438-52	438 - 52	Provisional
=	Ammonium Phosphate & IMPOF	RT'S (20—20—0)	Indigenous	production is 461-90	not handled by 449.06	488.09	500 89	•
	Pool price (excluding inland Rly fleight) No-profit no-loss price (excluding inlan Nitro-phosphate	No II	ndigenous Prod		535.00 477.83	535.00	535.00 532.17	,
	IMPOR	CTS				(12.9-12.9)	No import	•
	Pool price (excluding inland Rly, freight) No-profit no-loss price (excluding inland	i Rly freight)	<u> </u>	535·90 515·25	345.00 384.25	345 00 423 49	345·00 No import.	
	Note:—Price revised	as under in 1964-6 (Per metric t	on)	3-64			•	
	. •			<u>`</u>	•		-	

Rs. P.

Rs. P.

Sonsumption of Nitrogen during Third Five Year Plan

(Figs. in tonnes) 1964-65 1963-64 1961-62 1962-63 State/Allottee South Zone 66,583 4,843 75,238 98,253 45,592 Andhra Pradesh 14,322 66,111 9,305 67,751 40,211 3,607 2. Kerala 34,942 15,180 30,361 3. Madras 26,48<u>7</u> 809 7,667 Mysore 673 672 469 Pondicherry . Laccadive Islands 4,296 8,806 7,820 9,921 U.P.A.S.I. 6,647 6,347 11,221 Coffee Board 1,643 1,509 1,327 1,038 9. Rubber Board 1,98,761 2,30,535 1,09,878 1,36,965 Total South Zone West Zone 9,517 7,478 10,657 18,327 19,82 10. Gujarat 10,500 4,721 22,185 rr. Madhya Pradesh 33,386 33,069 44,391 45,030 12. Maharashtra 409 520 527 13. Goa 87,531 50,064 54,952 67,959 Total West Zone North Zone 32,842 12,706 18,624 59,42 14. Punjab 3,789 68,915 1,898 4,030 11,940 15. Rajasthan 16. U.P. S9,46 26,302 12,271 482 1,224 17. J&K... 18. Delhi . 272 207 165 714 73 I 493 42 19. Himachal Pradesh. 1,63,255 50,146 41,637 93,210 Total North Zone East Zone 366 192 74 I · 20. Assam . 24,210 8,791 15,100 6,905 15,479 551 13,243 21. Bihar . 4,926 22. Orissa . . . 23. West Bengal . 17,6 10,019 17,371 11,856 142 109 24. Manipur 25. Tripura 20 157 10 26. Nagaland 17,55 15,879 13,877 22,427 27. Tea (N.E. India) 69,525 56,698 46,279 46,103 Total East Zone . آد 900و 2 966(a) 2,263(c) 805(b) Miscellaneous 1.00%Add N in Nitrate of Soda (Chilean Nitrate) , 1,000 1,000 1,000

ncludes exports to Nepal (94 tonnes) & Industrial users (872) tonnes.

2,49,824

5,55 2-

3,76,827

3,33,035

Grand Total .

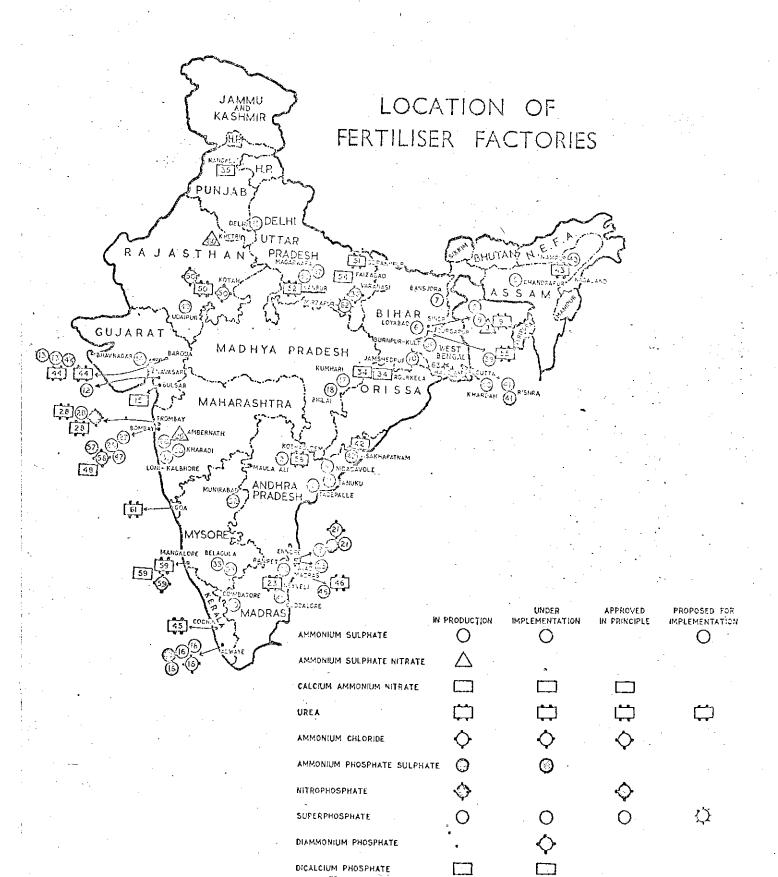
b) Includes exports to Nepal (131 tonnes) & Industrial users (674) tonnes.

- (c) Includes exports to Nepal (106 tonnes) & Industrial users (1,812 tonnes) others (336 tonnes).
- (d) Includes Nepal (156 tonnes), industrial users (1,757 tonnes) & others (2,900 tonnes).
- N.B.—I. Nitrogenous fertilisers are made available mainly through the Central Fertilisers Pool Ammonium Phosphate Sulphate (15-20) and Ammonium Chloride manufactured in the country are, however, outside the Central Pool. Nitrate of Soda (imported from Chile—about 1,000 tonnes N per annum) is also out side the Pool.

 The consumption figures have been arrived at by adding—

- (i) Opening stocks reported by States in respect of pool fertilisers;
- (ii) supplies made by the Pool during the year; and
- (iii) despatches in the form of non-pool fertilisers to destinations in different States;
- and deducting thereform the closing stocks as reported by the States.
- 2. State-wise break-up for Nitrate of Soda is not available. Accordingly annu figure of import has been added in the aggregate of each year.

(Source: Department of Agriculure and Fertiliser Association of India).



BOARD OF DIRECTORS

Mr. A. W. Hamer

Mr. M. G. Satow

Mr. A. C. Muir

Mr. K. V. Raghavan

Mr. G. H. Perks

Dr. A. Scetharamiah

Mr. I. G. Jhingran

Mr. P.K. Mukherjee

Dr. J. Bell

(Alternate Dr. S. K. Chanda)

Mr. P. M. Dagnall

(Alternate Mr. H. C. Raghubir)

Chairman and Managing Director

Joint Managing Director

Executive Director, Fertilizer Division

Executive Director, Explosives Division

Nominated by Government of India

Nominated by Government of India

ORGANISATION CHART-FERTILIZER DIVISION

Works Manager S. Ghosh Work Study Manager A soke Gupta Technical Manager K. S. Gill Urea Section Manager A. K. Chakraborty R. K. Habbu Personnel Manager Engineering Manager J. P. Kapoor (Acting) B. K. Bhattacharya Annonia Seen. Manager Commercial Manager H. C. Raghubir Executive Director
A. C. MUIR Commercial Accountant N. Balasubramanian Distribution Manager S. K. Varma Supply Manager K. Thyagaraj Marketing Manager J. S. Nirody I. E. L. BOARD Finance Manager N. R. N. Nalkur Works Accountant P. K. Sen Legal Assistant A. K. Dutt

Secretary to I. E. L. Board - B. Sen.

FINANCIAL ASPECTS

•	Preoperational and Start up Expenses	Interest during construction	Working Capital	Total Fi	Rupee	Others	U.K.	Japanese	Foreign	Fixed cost	Capital cost of the Project
	Expenses			Total Fixed Cost		sm 3.34	£m 5.18	Ym 3994	. •		
Total	·	- 	•						•	·	
6040	172	370	745	4753	2711	250	960	832		NS. Lacs	; , , , , , , , , , , , , , , , , , , ,
					÷.						
33.56	.96	2.06	4.14	26.40	15.21	1.39	5.18	4.62		H	· ·
• •				. •					•		
									÷		*

Sources of Finance

ш ў		4.07	1.19	1.55	4.62		11.43			1.06	2.79	10.56	.77	6.95		22.13	33.56
					•			1	•					.*			
Rs. Lacs		760	215	280	832] 	2037			180	503	1900	139	1221		3953	6040
		·			*. •												Total
		Sm 4.70	sm 2.87	sm 3.73	Ym 3994	-				 ∃a ∧d	· .	-	\$m 1.85	Cash Retentions			
		744			T.C.					Covernment of India		ĭ.	•	and Cash R			• (
		I. C. I.	H. F. C.	I. F. C. (W)	$T.\Xi.C./J$		•					I.D.B.	I. F. C. (W)	Overdraft and	٠		<i>:</i>
	Foreign	Equity	1	Loans				•	Rupec .	Equity	,	Loans		Bank O	* •	,	
	Ę								×					,			

DESIGN AND MANAGEMENT CHARGES

To I. C. I. for continuing technical assistance	To I. C. I. for detailed designing of Ammonia Plant	To I. C. I. for overall Management & Design
1	1	1
£500,000	£591,000	£510,000

KNOW-HOW CHARGES

Urea know-how from Toyo Koatsu through I. C. I., U. K.	1	£200,000	
(Direct purchasing from Toyo Koatsu would have cost			
us £450,000)			
I. C. I. Steam Reforming	1	£182,000	
I. C. I. Ammonia Synthesis	1	£105,000	
Shell Research De-Sulphurisation	1	£ 22,000 📏	
Benfield CO ₂ Removal	i	\$ 75,000	

EXHIBIT X

COST OF PRODUCTION (at full output level)

	Rs. Lacs	Rs./Te
Raw and Packing Materials	. 1015	225
Electricity, Water	270	60
Maintenance, Insurance	264	59
Salaries, Wages (Process)	43	9
Overheads	143	32
Depreciation	450	100
	2185	485
•	AND PROPERTY AND ADDRESS OF THE PARTY OF THE	-

Utilities (at full output level)

Power

Source : Panki grid Sub-station

Contracted Demand : 50 mVA Expected Demand : 46 mVA

Annual Electricity

Consumption : 314 x 10° kWH

Price : 8.5 paise/kWH

Total Annual Bill : Rs. 268 lacs

Water

- Source : Lower Ganges Irrigation Canal Contracted Demand : 15 cusecs (1,530 M³ per hour)

Expected Demand : 6 cusecs.

Price : , 2.65 paise/M³
Total Annual Eill : Rs. 1 46 lacs

Raw and Packing Materials (at full output level)

Naphtha

Source : Indian Oil Corporation, Barauni Refinery

Consumption : 235,000 tonne per annum

Price : Rs. 240/tonne

Total Annual Bill : Rs. 564 lacs including excise, sales tax

and freight

Fuel Oil

Source : Indian Oil Corporation Consumption : 28,000 tonne per annum

Price : Rs. 321/tonne
Total Annual Bill : Rs. 90 lacs

Packing Bags

EXHIBIT XI

INDIAN EXPLOSIVES LIMITED

BALANCE SHEET AT 30TH SEPTEMBER 1970

				1970		196
	Sc	hedule	Rs.	Rs.	Rs.	R
FUNDS EMPLOYED			•			
'						
Shareholders' Funds			` 3			
Share Capital Reserves and Surplus	••	(1) (2)	21,46,32,945 5,76,88,929		21,41, 18,310 3 ,60,66,705	
				27.17,21,874	<u>-</u> -	25,01,85.01
Loans	••	(3)		31,46,26,126		30,28,28,88
		•		58,63,48,000		55,30,13,90
MPLOYMENT OF FUNDS		<u>.</u>				
Fixed Assets						
At Cost less Depreciation Capital Work in Progress at cost		(4)	54,27,0 9,795 37, 88,079		6.10,95,613 46.59,66.491	
				54,64,97,874		52,70,62.10
Investments		(5)	-	5,52,000		2.56.00
Net Current Assets		-				
Current Assets				·		
0. 1	,	(C)	4.04.00.004			٠.
Sundry Debtors	(4,91,66,361 2,53,42,819		3,23,20,702 2,74,55,971	
Cash and Bank Balances Loans and Advances		8) 9}	1,46,58,168 1,22,10,343		1.48,32,269 84,15,409	
	•• (٠,		Ì		
			10,13,77,691		8,30,24,351	
•	** 		• .			
Less: Current Liabilities and Prov	risions				a "	
Current Liabilities	(1	0)	5,47,59;073		4,33,13,120	
Provisions for:						
Taxation (Less advance payn Proposed Dividend	nents)		31,60,319 36,01,500		94.18.258 36,01,500	-
Sundries			6,76,838		11,66,806	
			6,21,97,730		5,74,99.684	
·				3,91,79,961	-	2,55,24,66
Miscellaneous Expenditure						
Expenditure on Airstrip				1,18,165		1,71,13
						
			•	58,63,48,000		55,30,13,904

The schedules (1) to (11) form an integral part of the Balance Sheet,

PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDED 30TH SEPTEMBER 1979

•								1970	1 969
					. :	Schedule		Rs.	Rs.
Income						,			•
Sales Less: Rebates				••	99 18			25,55,19,898 9,14,053	15,18,22,073 4,24,813
								25,46,05,845	15,13,97,260
Income from I Miscellaneous	Banks and Others Frade Investment Receipts losal of Assets (Ne		3					3,35,720 37,500 8,05,529 1,33.174	5,91,012 324 6,36,404 81,512
:			•					25,59,17,768	15,27 06,512
Expenditure									•. •
Materials and Other Expend Depreciation Interest Share Issue E	3.4		•	• • • • • • • • • • • • • • • • • • • •		(12) (13) 		8,14,27,710 9,67,21,208 3,32,98,317 1,61,28,664 33,181	7,43,51,787 3,87,02,714 69,81,628 14,24,517 13,51,551
	**					4		22.76,09,080	12,28,12,192
Profit before Ta	vation				*				
Taxation etc.	Addion			••		. (14)	•	2,83,08,688	2,98,94,320 1,56,20,000
Taxetion etc.		••	••	••		(1-1)		83,464	1,30,20,00
Profit after Tax	ation							2 ,82,25,224	1,42,74,32
Transfer to D	evelopment Rebat	e Reserve		•••	• • • • • • •			<u>.</u>	3,25,00
Transfer from	Development Reb	oate Reserv	/e					2.82,25,224 45,00,000	1,39,49,32
Surplus brow	gnt forward from I	ast year			**,			3,27,25,224 751	1,39,49,32 43
Available for Ap	propriation							3,27,25,975	1,39,49,75
Appropriations				•				•	
Dividends su Interim pai	bject to deduction d at Re. 0.75 per I	Equity Sha:	re				*	—**	36,01 ,50
Transfer to G	Final at Re. 0.75 pe Jeneral Reserve pecial Reserve ed forward	er Equity S	hare 	• • •	· · · · · · · · · · · · · · · · · · ·			72,00,000 2,55,25,000 975	36,01,50 67,46,00 75
**Refer Not	e 7 under schedul	e (15)	-					3,27,25,975	1,39,43,75
							•		
Notes on the P	rofit and Loss A	ccount				(15)			

The schedules (12) to (15) form an integral part of the Profit and Loss Account.

This is the Profit and Loss Account referred to in our Report of even date.

LOVELOCK & LEWES . Chartered Accountants

SCHEDULES TO THE BALANCE SHEET

•			•		1970	1968
(1) 8	SHARE CAPITAL				Rs.	Rs
• •	Authorised		•		•	550 L 507
:	83,20,000 Equity Shares of Rs. 10 1,66,80,000 A Equity Shares of Rs.			••	8,32,00,000 16,68,00,000	8,32,00,000 16,68,00,000
				1	25,00,00,000	25,00,00,00
	Issued and Subscribed		om'	in the second of	•	· I
	48,02,000 Equity Shares of Rs. 1	O each			4,80,20,000	4,80,20,000
	1,66,80,000 A Equity Shares of Rs.			***	16,68,00,000	16,68,00,056
					21,48,20,000	21, 48,20,000
	Paid Up	•	•			·
	48,02,000 Equity Shares of Rs. 1 (Of the above shares 13.72,00 Shares by Capitalisation of Si	00 shares were allo	ited as fully paid up	Bonus	4,80,20,000	4,80,20.000
	1,66,80,000 A Equity Shares of Rs				16,68,00,000	16,68,00.00
					21,48,20,000	21,48,20,00
	Less: Calls unpaid By Others			•	1,87,055	7.01.69
	Note: Number of shares held by Impa				21,46,32,945	21,41,18,31
	Note: Number of shares held by Impe 1,09,60,000 (including 76,00				21,46,32,945	21.41.18.310
(2)				Transfers from Profit and Loss Account	Transfers to	Balance at 30th September 1970
(2)	1,09,60,000 (including 76,00	Balance at	Dividends * on Equity Shares other than A Equity Shares (Subject to deduction of tax	Transfers from Profit and Loss Account	Transfers to Profit and Loss	Balance at 30th September
(2)	1,09,60,000 (including 76,00	Balance at 30th September 1969	Dividends * on Equity Shares other than A Equity Shares (Subject to deduction of tax at source)	Transfers from Profit and Loss Account	Transfers to Profit and Loss Acraunt	Balance at 30th September 1970
(2)	1,09,60,000 (including 76,00	Balance at 30th September 1969	Dividends * on Equity Shares other than A Equity Shares (Subject to deduction of tax at source)	Transfers from Profit and Loss Account	Transfers to Profit and Loss Acraunt	Balance at 30th September 1970
(2)	1,09,60,000 (including 76,00) RESERVES AND SURPLUS Capital Reserve	Balance at 30th September 1969	Dividends * on Equity Shares other than A Equity Shares (Subject to deduction of tax at source) Rs.	Transfers from Profit and Loss Account Rs.	Transfers to Profit and Loss Acraunt	Balance at 30th September 1970 Rs. 6,954
(2)	1,09,60,000 (including 76,00) RESERVES AND SURPLUS Capital Reserve General Reserve	Balance at 30th September 1969 Rs. 6,954	Dividends * on Equity Shares other than A Equity Shares (Subject to deduction of tax at source) Rs.	Transfers from Profit and Loss Account Rs.	Transfers to Profit and Loss Account	Balance at 30th September 1970 Rs. 6,954 2,50,51,000
(2)	Capital Reserve General Reserve Development Rebate Reserve Dividend Equalisation Reserve Special Reserve	Balance at 30th September 1969 Rs. 6.954 1.78,54,000 1,10,05,000	Dividends * on Equity Shares other than A Equity Shares (Subject to deduction of tax at source) Rs. 3,000	Transfers from Profit and Loss Account Rs.	Transfers to Profit and Loss Account	Balance at 30th September 1970 Rs. 6,954 2,50,51,000
(2)	Capital Reserve General Reserve Development Rebate Reserve Dividend Equalisation Reserve	Balance at 30th September 1969 Rs. 6.954 1.78,54,000 1,10,05,000	Dividends * on Equity Shares other than A Equity Shares (Subject to deduction of tax at source) Rs. 3,000	Transfers from Profit and Loss Account Rs. 72,00,000	Transfers to Profit and Loss Account	Balance at 30th September 1970 Rs. 6,954 2,50,51,000 65,05,000

SCHEDULES TO THE BALANCE SHEET (Contd.)

. (2)	Anna .			. 1970	196.
(3)	LOANS			As:	: Rs
	Secured Loans	•			
	(a) From Banks—Long Term				
	(b) From Others—Long Term:		<i>.</i>	8,35,00,000	8,35,00,000
	International Finance Corporation, Washington Industrial Development Bank of India			2,89,26,000	2.14,26.000
	Industrial Finance Corporation of India The Industrial Credit and Investment Corporation of India Life Insurance Corporation of India	lia Ltd.	**	4,65,00,000 2,00,00,000	3,92,00,000 1,71,00,000
	Life Insurance Corporation of India (c) From a Bank—Overdraft	• • • • • • • • • • • • • • • • • • • •	••	1,00,00,000 3,00,00,000	79,00,000 2,58,00,000
	- Crostalan	• •	• •	97,25,835	2,38,32,089
	Unsecured Loans	•	-	22,86,51,835	21,87,58,089
	(a) From a Bank—Long Term				
	(b) From Morgan Guaranty Trust Company of New York—Lon	g Torm		18,33,905	18,33,905
	(c) From Toyo Engineering Corporation, Tokyo, on Long To	erm Deferred	• •	90,00,000	90,00,000
,	(d) From a Bank—Overdraft	· · · · · · · · · · · · · · · · · · ·	••	7.34.61,256	7,32,36,895
	•	••	•••	16.79,130	
				8,59,74,291	8,40,70,800
No	otes:			31,46,26,126	30,28,28,889

Secured Loans

The loans under (a) and (b) secured by mortgage of immovable properties and hypothecation of movable properties, present and future, subject to the charge securing the loan under item (c).
 The loan under (c) secured by hypothecation of Raw Materials, Finished and Semi-finished goods, Stores (other than those imported under the Deferred Payment Arrangement or purchased out of loan from International Finance Corporation, Washington) and Book Debts.

Unsecured Loans

The loans under (b) and (c) are guaranteed by the Industrial Davelopment Bank of India to which guarantees, the charge on properties in respect of the secured loans under (a) and (b) also concurrently extends.

-				_		1970	1969
	-	As per last Balance Sheet (At Cost)	Additions and Transfers during the year (At Cost)	Sales and Amounts Written off (At Cost)	Depreciation to date	Net Book Value	Net
Land		Rs.	Rs.	Rs.	Rs.		Book Va
Freehold and Leasehol Buildings Plant and Machinery Railway Sidings Rolling Stock, Motor Vehicles etc. Furniture, Fittings and Equipment	d	65,53,556 3,71,29,494 5,80,87,634 5,88,665 81,69,123 70,95,475	2,17,776 1,64,54,853 47,24,01,329 1,40,95,661 54,39,812 73,68,984	2,51,351 — 5,48,354 3,23,134	1,29,40,140 6,56,88,466 10,87,153 63,84,021 36,69,948	Rs. 65,19,981 4,06,44,207 46,48,00,497 1,35,97 173 66,76,560 1,04,71,377	65,53,55 2,60,77,24 2,07,30,32 3,47,30 29,50,46
		11,76,23,947	51,59,78,415	11,22,839	8,97,69,728	· · · · · · · · · · · · · · · · · · ·	44,36,73
Previous year		11,08,05.789	71 92 922		-,0,,00,,20	54,27,09,795	
	,		71,92,933	3.74,775	5,65,28,334		6.10,95,613

INDIAN EXPLOSIVES LIMITED

SCHEDULES TO THE BALANCE SHEET (Contd.)

Street and Spare S	Unquoted Trade Tra					 			 ,			· · · · · · · · · · · · · · · · · · ·
Trade Inhomes India Limited 25,000 Fquity Shares of 8s, 10 osch fully paid up Belvedore Esters Limited 25,000 Fquity Shares of 8s, 10 osch fully paid up Belvedore Esters Limited Belvedore Esters Limited 2,001 Fquity Shares of 8s, 10 osch fully paid up Belvedore Esters Limited 37, Debenture Stock fully paid up 2,08,140 2,98,000 East India Clinic Limited 35', Non-Redormable Debenture Stock fully paid up 6,000 5,52,000 2,5 8s. Stock At Cost Rs. Stores and Spare Parts Packing Materials 1,38,57,322 77,00 1,11,1510 8,11,1510	Trade Imkemax (holis Limited 25,000 (pully Shares of Rs. 10 such fully paid up 45,000 (pully Shares of Rs. 10 such fully paid up 46,000 (pully Shares of Rs. 10 such fully paid up 47, Debenture Stock fully paid up 57, Non-Redeemable Debenture Stock fully paid up 58, Non-Redeemable Debenture Stock fully paid up 59, Non-Redeemable Debenture Stock fully paid up 59, Non-Redeemable Debenture Stock fully paid up 50, Non-Redeemable D	(5)	INVESTMENTS — At Cost								1970	1.
Trade Inhomes India Limited 25,000 Fquity Shares of 8s, 10 osch fully paid up Belvedore Esters Limited 25,000 Fquity Shares of 8s, 10 osch fully paid up Belvedore Esters Limited Belvedore Esters Limited 2,001 Fquity Shares of 8s, 10 osch fully paid up Belvedore Esters Limited 37, Debenture Stock fully paid up 2,08,140 2,98,000 East India Clinic Limited 35', Non-Redormable Debenture Stock fully paid up 6,000 5,52,000 2,5 8s. Stock At Cost Rs. Stores and Spare Parts Packing Materials 1,38,57,322 77,00 1,11,1510 8,11,1510	Trade Imkemax (holis Limited 25,000 (pully Shares of Rs. 10 such fully paid up 45,000 (pully Shares of Rs. 10 such fully paid up 46,000 (pully Shares of Rs. 10 such fully paid up 47, Debenture Stock fully paid up 57, Non-Redeemable Debenture Stock fully paid up 58, Non-Redeemable Debenture Stock fully paid up 59, Non-Redeemable Debenture Stock fully paid up 59, Non-Redeemable Debenture Stock fully paid up 50, Non-Redeemable D		Unquoted							D.	п-	ļ
25,000 Equity Shares of Rs. 10 sach fully paid up 87,890 2.50,000 2.50	25,000 Fquity Shares of Rs. 10 each fully paid up Belvedere Esters Limited A002 Ordinary Shares of Rs. 10 each fully paid up 2,00,140 2,00,140 2,00,140 2,00,140 2,00,140 2,00,140 2,00,140 2,00,000 2,00 2,00 2,00 2,00 2,00 2,0				, •				•	AS.	HS.	
Beleedere Estetes Limited 4002 Ordinary Shares of Rs. 10 each fully paid up 27,860 15/2 Dottenuture Stock fully paid up 2,08,140 2,96,000 15/2 Dottenuture Stock fully paid up 2,08,140 2,96,000 25/2 Dottenuture Stock fully paid up 2,08,140 2,96,000 25/2 Dottenuture Stock fully paid up 2,08,140 2,96,000 2,5/2 Dottenuture Stock fully paid up 2,08,140 2,08,000 2,5/2 Dottenuture Stock fully paid up 2,08,140 2,0	Belvedere Estets Limited 4002 Ordinary Shares of 16: 10 each fully paid up 2,06,100											:
Beleedere Estetes Limited 4002 Ordinary Shares of Rs. 10 each fully paid up 27,860 15/2 Dottenuture Stock fully paid up 2,08,140 2,96,000 15/2 Dottenuture Stock fully paid up 2,08,140 2,96,000 25/2 Dottenuture Stock fully paid up 2,08,140 2,96,000 25/2 Dottenuture Stock fully paid up 2,08,140 2,96,000 2,5/2 Dottenuture Stock fully paid up 2,08,140 2,08,000 2,5/2 Dottenuture Stock fully paid up 2,08,140 2,0	Belvedere Estets Limited 4002 Ordinary Shares of 16: 10 each fully paid up 2,06,100		25,000 Equity Shares	of Rs. 10 ea	ch fully pa	aid up					2.50.000	2.50
### 25, Debenture Stock fully paid up East India Clinic United 57, Non-Recessable Debenture Stock fully paid up 6,000 5,52,000 2,5 Rs. Stores and Spare Parts Packing Materials Packing Ma	### 2.5 Debenture Stock fully paid up East Instituted and Clinic Limited and Scott fully paid up East Instituted and Clinic Limited and Scott fully paid up (6) STOCKS—At Cost Res Stores and Spare Patts Packing Motorials Loose Tools Raw Materials Raw Cooking Raw Materials Raw M		Belvedere Estates Limite	:d				• • • • • • • • • • • • • • • • • • • •			2,00,000	2,50,
East India Clinio United S7, Non-Redesmable Debenture Stock fully paid up 6,000 2,5 5,52,000 2,55,0	East India Clario Limited S7, Non-Redesmable Debenture Stock fully paid up S,52,000 2,66		4002 Ordinary Shares	of Rs. 10 ea	ach fully p	aid up				87,860		!
STOCKS - At Cost	SY Non-Redeemable Debenture Stock fully paid up		₫% Debenture Stock i	fully paid up)					2,08,140	2,96,000	1
(6) STOCKS—At Cost Stores and Spare Parts Stores and Spare Parts Packing Materials Loose Tools Raw Materials Raw Raw Materials Raw Materials Raw Raw Materials Raw Raw Materials Raw	(6) STOCKS—At Cost Stores and Spare Parts Stores and Spare Parts Packing Materials Loose Tools 1.13.8.7.329 Packing Materials 1.98.9.0,740 1.00 Raw Materials 1.98.4,1466 1.78.5,24,771		East India Clinic Limited	f Dialan and a	n							
(6) STOCKS—At Cost Stores and Spare Parts Packing Meterials Loose Tools Raw Materials Loose Tools Raw Materials Power Stores and Spare Parts Packing Meterials Loose Tools Raw Materials Res Tools Res Res Res Tools Res Tools Res Res Res Res Tools Res	(6) STOCKS—At Cost Stores and Spare Parts		5 /o Non-Nedeemable	Dependate 3	этоск гину	, baid nb	••.	• •			6,000	6,0
(6) STOCKS—At Cost Stores and Spare Parts Packing Meterials Loose Tools Raw Materials Loose Tools Raw Materials Power Stores and Spare Parts Packing Meterials Loose Tools Raw Materials Res Tools Res Res Res Tools Res Tools Res Res Res Res Tools Res	(6) STOCKS—At Cost Stores and Spare Parts										F. F.2. 000	
Stores and Spare Parts 1,38,57,329 37,00 27,00	Stores and Spare Parts										5,52,000	2,56,0
Stores and Spare Parts 1,38,57,329 37,00 27,00	Stores and Spare Parts											***************************************
Stores and Spare Parts 1,38,57,329 37,00 Packing Meterolais 39,807,40 11,0	Stotes and Spare Parts	(6)	STOCKS — At Cost			-			•		Re.	1
Packing Materials 38,80,740 11,11,510 12,61,515 13,81,140 13,81,140 14,81,14	Packing Meterials		•								113.	
Facking Michael Sample S	Facking Microrials 38,80,740 71.06 78,54,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,171 78,76,761										1,38,57,329	37,08,3
1,11,510 8.	1,11,510 55,762								<i>:-</i>		39,80,740	11,06,
Finished Products	Finished Products			• -	• •						1,11,510	85,
Mork in P ocess 1,84,81,486 49,81,125 106,861 3,23,22 1,261,66,361 3,23,22 1,261,66,361 3,23,22 1,261,66,361 3,23,22 1,261,66,361 3,23,22 1,261,66,361 3,23,22 1,261,66,361 3,23,22 1,261,66,361 3,23,22 1,261,66,361 2,24,819 2,74,819	Mork in P ocess 1,84,81,488 2,05,75,76 10,61, 4,61,625 10,61, 4,61,625 10,61, 4,61,625 10,61, 4,61,66,651 3,23,20, 2,23,20,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20, 2,23,20,20, 2,23,20,20, 2,23,20,20, 2,23,20,20, 2,23,20,20,20,20,20,20,20,20,20,20,20,20,20,		Etalahan Barana	• •	• •	• •	• •					57,62,3
(7) SUNDRY DEBTORS Rs. Rs. Rs. Secured Debts outstanding over six months 27,41,819 27,13 27,14	A.91,66,361 3,23,20				••	• •	• •					2,05,75,3
(7) SUNDRY DEBTORS Secured Debts outstanding over six months Other Debts Debts outstanding over six months Considered Good (a) Considered Good (b) Less: Provision for Doubtful Debts Tother Debts Other Debt	(7) SUNDRY DEBTORS Rs. Rs. Secured Debts outstanding over six months Other Debts = Considered Good (a) Considered Good (b) Considered Good (c) Considered Good (c) Considered Good (c) Considered Good (b) Considered Good (c) Considered Good (c) Considered Good (b) Considered Good (c) Consider			••	••	• •	- •	• •	••		48,81,125	10,81,6
SUNDRY DEBTORS	SUNDRY DEBTORS							7			4 91 66 261	1
Secured Debts outstanding over six months 37,267 5,00 27,41,819 27,13 27,13 37,267 27,41,819 27,13 37,267 27,41,819 27,13 37,267 27,41,819 27,13 37,267 27,41,819 27,480	Secured Debts outstanding over six months 37,267 5,00 27,41,818 27,418 27		.*			-					100,001	3,23,20,1
Secured Debts outstanding over six months 37,267 5,00 27,41,819 27,13 27,13 37,267 27,41,819 27,13 37,267 27,41,819 27,13 37,267 27,41,819 27,13 37,267 27,41,819 27,480	Secured Debts outstanding over six months 37,267 5,00 27,41,818 27,418 27											
Secured Debts outstanding over six months 37,267 5,00 Cher Debts 27,41,819 27,73	Secured Debts outstanding over six months 37,267 5,00 5	(7)	SUNDRY DEBTORS							Rs.	Rs	
Debts outstanding over six months 37,267 27,41,819 27,13 27,	Debts outstanding over six months								-		113,	1
Unsecured Debts outstanding over six months: Considered Good (a) Considered Good (b) Considered Good (considered Good Good Good Good Good Good Good Go	Unsecured Debts outstanding over six months : Considered Good (a) 73.38,339 60.52, Considered Good (a) 73.38,339 60.52, Considered Doubtful 22,480 73.38,339 60.52, Considered Doubtful 22,480 73.38,339 60.52, Considered Doubtful Debts 22,480 73.38,339 60.52, Considered Good (b) 73.58,339 73.38,33										•	
Unsecured Debts outstanding over six months: Considered Good (a) Considered Doubtful 22,480 Less: Provision for Doubtful Debts 73,60,819 22,480 Other Debts — Considered Good (b) Included in (a) Tax Credits Receivable (b) Companies under the same management Chemicals and Fibres of India Limited The Alkali and Chemical Corputation of India Limited The maximum amounts due during the year by: Chomicals and Fibres of India Limited The Makil and Chemical Corputation of India Limited The Makil and Chemical Corputation of India Limited The Makil and Private Limited (A Private Company in which there are common Directors) Rs. Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Short Term Deposit Account With Moragna Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	Unsecured Debts outstanding over six months: Considered Good (a) 73,88,339 Considered Doubtful 22,480 Less: Provision for Doubtful Debts 22,480 Other Debts — Considered Good (b) 1,52,25,394 Included in (a) Tax Credits Receivable (b) Companies under the same management Chemicals and Fibres of India Limited 81,230 The Alkali and Chemical Corpuration of India Limited 81,230 The Maxili and Chemical Corpuration of India Limited 1,73,36,318 The maximum amounts due during the year by: Chemicals and Fibres of India Limited 1,543,318 The Alkali and Chemical Corporation of India Limited 5,44,318 The Alkali and Chemical Corporation of India Limited 1,543,318 The Alkali and Chemical Corporation of India Limited 1,543,318 The Alkali and Chemical Corporation of India Limited 5,544,318 The Alkali and Chemical Corporation of India Limited 1,03,398 The Maximum amounts due during the year by: Chemicals and Fibres of India Limited 1,03,398 The Maximum amounts due during the year By: Chemicals and Fibres of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Corporation of India Limited 1,03,398 The Alkali and Chemical Co		Other Debte	months	•• .	**	• •			•		5,00.5
Debts outstanding over six months: Considered Good (a)	Debts outstanding over six months:		Other Debts	••	••	••		. ••			27,41,819	27,13,6
Debts outstanding over six months: Considered Good (a)	Debts outstanding over six months:	•	Unsecured							•		:
Considered Good (a) 73,38,339 22,480 22,53,342,819 2,74,53 2,53,42,819 2,74,53 2,53,42,819 2,74,53 2,53,42,819 2,74,53	Considered Good (a) 73,38,339 22,480 60,52,			months:								·
Considered Doubtful 22,480 73,60,819 22,480	Considered Doubtful 22,480 73,60,819 22,480		Considered Good (a)						7	3 38 339		60.52
Less: Provision for Doubtful Debts 73,60,819 22,480	Less: Provision for Doubtful Debts 73,60,819 22,480		Considered Doubtful					• • • • • • • • • • • • • • • • • • • •	•			00,02,7
Design	Cash in hand and in transit Cash in hand and in transit Cash in hand and in transit Current Accounts Dividend Accounts Dividend Accounts Dividend Accounts Current Accounts Current Accounts Short Term Deposit Account Current					•						
Other Debts — Considered Good (b)	Other Debts — Considered Good (b)								7	3,60,819		
Other Debts — Considered Good (b)	Other Debts — Considered Good (b)		Less: Provision for Doub	ottui Debts		••	••	••				
1,52,25,334	1,52,25,394 1,81,89, 2,53,42,819 2,74,55.					=			. * **		72.20.220	
Included in (a) Tax Credits Receivable (b) Companies under the same management Chemicals and Fibres of India Limited St., 25 (a) (b) Companies under the same management Chemicals and Fibres of India Limited St., 25 (a) (b) Companies under the same management Chemicals and Fibres of India Limited St., 25 (a) (b) Companies under the same management St., 25 (a) (b) Companies under the same management St., 26 (a) (b) Companies under the same management St., 26 (a) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Included in (a) Tax Credits Receivable (b) Companies under the same management (b) Companies under the same management (c) C		Other Debts — Considered	Good (b)						•		
Included in (a) Tax Credits Receivable (b) Companies under the same management Chemicals and Fibres of India Limited S1,230 65 The Alkali and Chemical Corporation of India Limited S1,230 65 The Alkali and Chemical Corporation of India Limited S1,230 65 The Maximum amounts due during the year by: Chemicals and Fibres of India Limited S1,43,18 1,72 The Maximum amounts due during the year by: Chemicals and Fibres of India Limited S1,44,318 1,72 The Alkali and Chemical Corporation of India Limited S2,44,318 1,72 The Alkali and Chemical Corporation of India Limited S4,4,318 1,72 The Alkali and Chemical Corporation of India Limited S4,4,318 1,73 1,73,25 (A Private Company in which there are common Directors) Application Maximum S2, 1,13,25	Included in (a) Tax Credits Receivable 60,38,145 53,49,		•			• •	••	• • • • • • • • • • • • • • • • • • • •	••	-	1,02,20,004	1,07,09,0
Included in (a) Tax Credits Receivable (b) Companies under the same management Chemicals and Fibras of India Limited S1,230 655	Included in (a) Tax Credits Receivable (b) Companies under the same management		#* 					-			2,53,42,819	2.74.55.9
(a) Tax Credits Receivable 60,38,145 53,45 (b) Companies under the same management 81,230 65 Chemicals and Fibres of India Limited 1,12 The Alkali and Chemical Corputation of India Limited - 1,736 The maximum amounts due during the year by: Chomicals and Fibres of India Limited 1,56,315 65 Chomicals and Fibres of India Limited 5,44,318 1,72 I.C.I. (India) Private Limited 1,03,398 1,13,29 (A Private Company in which there are common Directors) Rs. 8. Cash in hand and in transit 14,11,382 4,58 With Scheduled Banks: 14,11,382 4,58 Current Accounts 79,87,466 93,78 Dividend Accounts 59,475 41 Share Application Money Refund Accounts 5,975 5 National and Grindlays Bank Limited, London: 15,15,291 10,76 Current Accounts 36,78,579 4,96 With Morgan Guaranty Trust Company of New York: - 4,96 Current Account - 4,96 Short Term Deposit Account - 4,96	(a) Tax Credits Receivable (b) Companies under the same management Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited Tax Credits Receivable The maximum amounts due during the year by: Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited The Alkali and The Alkali and The		Industrial to		1.				•			-
(b) Companies under the same management Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited Tax Credits Receivable The maximum amounts due during the year by: Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited The Alkali and Chemical Corporation of India Limited I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account	(b) Companies under the same management Chemicals and Fibras of India Limited The Alkali and Chemical Corputation of India Limited Tax Credits Receivable The maximum amounts due during the year by: Chemicals and Fibras of India Limited The Maximum amounts due during the year by: Chemicals and Fibras of India Limited The Alkali and Chemical Corporation of India Limited I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)			.l.								
Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited Tax Credits Receivable The maximum amounts due during the year by: Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited The Making India Chemical Corporation of India Limited The Alkali and Chemical Corporation of India Limited The Alkali and Chemical Corporation of India Limited The Making India Chemical Corporation of India Limited The Alkali and The Alkali a	Chemicals and Fibres of India Limited		- (b) Companies under the	He Seema mans	· ·	• •	• •	••			60,38,145	53,49,0
The Alkali and Chemical Corporation of India Limited Tax Credits Receivable The maximum amounts due during the year by: Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited The Alkali and Chemical Corporation of India Limited I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts Share Application Money Refund Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	The Alkali and Chemical Corporation of India Limited Tax Credits Receivable The maximum amounts due during the year by: Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited The Alkali and Chemical Corporation of India Limited I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Account Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		Chemicals and Fib	ree of India	1 imited				**		01.000	
Tax Credits Receivable	Tax Credits Receivable		The Alkali and Che	emical Corpo	utation of	India Lin	nited	••	•••		01,230	
The maximum amounts due during the year by: Chomicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	The maximum amounts due during the year by:		Tax Credits Receivab	le				• • •			<u> </u>	
Chemicals and Fibres of India Limited The Alkali and Chemical Corporation of India Limited I.C.I. (India) Private Limited I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account	Chemicals and Fibres of India Limited 1,56,315 1,72,		The maximum amo	ينام طينم خان	irina tha u	oar but		• •				17,00,0
The Alkali and Chemical Corporation of India Limited I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account	The Alkali and Chemical Corporation of India Limited I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 39,51,895)		Chemicals and F	ibres of Indi	ia Limited	•					1 56 215	05.
I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Gueranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	I.C.I. (India) Private Limited (A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		The Alkali and Cl	hemical Cor	poration o	f India Li	mited	• • • • • • • • • • • • • • • • • • • •	••			
(A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	(A Private Company in which there are common Directors) 8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account (1969—Rs. 89,51,895)		I.C.I. (India) Priv	vate Limited	1			•••	• • • • • • • • • • • • • • • • • • • •			
8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	8) CASH AND BANK BALANCES Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account A,95,5 Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		(A Private Con	npany in wh	ich there a	are comm	on Dire	ctors)	= =		.,00,000	1,,0,20,0
Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)											<u> </u>
Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	Cash in hand and in transit With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)	8)	CASH AND BANK BALANCE	ES							Do.	
With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account (1969—Rs. 89,51,895)		4							•	ns.	,
With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account 4,96 Short Term Deposit Account	With Scheduled Banks: Current Accounts Dividend Accounts Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account Gurrent Account Short Term Deposit Account Short Term Deposit Account Gurrent Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		Cash in hand and in transit							•	14,11,382	4,58,2
Dividend Accounts Share Application Money Refund Accounts National and Grindleys Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Short Term Deposit Account	Dividend Accounts										- 1	
Share Application Money Refund Accounts National and Grindleys Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account	Share Application Money Refund Accounts National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)			• -	• •	• •	••					93,78,4
National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account 4,96	National and Grindlays Bank Limited, London: Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account		Share Application Money R	effind Acces	unfe	••	••	• •	• •			41,3
Current Accounts Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account	Current Accounts Short Term Deposit Account With Morgan Gueranty Trust Company of New York: Current Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		National and Grindlavs Ran	k Limited 1	andon:	••	• •	••	• •		5,975	5,9
Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account	Short Term Deposit Account With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		 Current Accounts 								15 15 201	10 70 0
With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account	With Morgan Guaranty Trust Company of New York: Current Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		Short Term Deposit Accord	unt				• •				10,70,3
Current Account - 4,96 Short Term Deposit Account - 4275	Current Account Short Term Deposit Account Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		With Morgan Guaranty Trust	Company of	New York	k:		• • •	• •		30,70,079	
Short term Deposit Account	Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		Current Account								;	4,96,9
DEGREE DESCRIPTION OF THE PROPERTY OF THE PROP	Maximum amount at any time during the year Rs. 38,71,923 (1969—Rs. 89,51,895)		Short Term Deposit Accoun	t								33,75,C
Midwindon amount at any time during the year Hs. 38,71,923			Maximum amount at any t	ime during t	the year Re	s. 38,7 1, 9	23				-	
(1969—Rs. 89,51,895)	1,46,58,168 1,48,32,2				(1969—Rs	s. 89,51,8	95)					
	1,46,58,168 ½ 1,48,32,2											
1.46.58.168 ½ 1.48.32		-			•				•		4 40 50 155	

SCHEDULES TO THE PROFIT AND LOSS ACCOUNT

	· · · · · · · · · · · · · · · · · · ·		•						1970	1
12)	MATERIALS AND FINISH	ED PRO	DUCTS					-	Rs.	5.4
	Opening Stock									
	Raw Materials								E7 60 070	
1.1	Packing Materials				• • • • • • • • • • • • • • • • • • • •	- 4.	• • •		57,62,370 . 11,06,434	36,55,
	Finished Products								2,05,75,981	13,67, 1,58,31,
	Work in Process		•			• •			10,81,637	11,52,
								**		
									2,85,26,422	2,20,06,
	Add: Purchases	,								
	Raw Materials		,	~ .					E 00 00 0E3	
	Packing Materials		• •	••	••	•-	• •		5,88,83,657 2,31,61,594	3,91,43,
	Finished Products				• • • • • • • • • • • • • • • • • • • •	• •	• •	•	61,15,111	97,28,
	* · · ·					••		:		3,19,99,
		214			•		-		11,66,86,784	10,28,78,
	Deduct: Closing Stock	•		•						
	_									
	Raw Materials	-:			• • •	••			79,15,723	57,62,
	Packing Materials	• •		••			** *		39,80,740	11,06,
	Finished Products	••	• • •	• •	• -				1,84,81,486	2,05,75,5
	Work in Process		• • •	• -	• • •	••	• • •		48,81,125	10,81,6
				-					3,52,59,074	2.85,26,
									91477710	7 40 50 -
٠.,		u ^a	-	-		•			8,14,27,710	7.43,51,7
			·			· · · · · · · · · · · · · · · · · · ·			·	
)	OTHER EXPENDITURE Stores and Spare Parts							· .	Rs.	
	Power and Fuel				••	••	• •		49,37,345	13,31,4
	Salaries, Wages and Bonus	(a)					• •	+ , .	1,73,44,794	41,46,2
	 Contributions to Provident 	and Pens	ion Funds		• • •		• •		2,18,38,078 15,63,486	1,26,63,1
	Welfare Expenses of Staff a	and Workr	nen (b)				• •			6,65,6 8,48,5
								-	19,51,169	
		• • •				• •		-	19,51,169	
١	Rent	••			••	** *-		٠	2,38,470	1,28,5
١	Rent Repairs to Buildings (b)	••	•••			** **				1,28,5 9,14,1
,	Rent Repairs to Buildings (b) Repairs to Machinery (b)		•••	••		** ** ** **			2,38,470 17,25,461	1,28,5 9,14,1 2,11,0
•	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance					** ** ** ** **			2,38,470 17,25,461 3,99,978 66,69,328 32,69,828	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3
,	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charc	 oes	••		••	*** *** *** *** *** *** ***			2,38,470 17,25,461 3,99,978 66,69,328	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3
•	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling	ges Agent			••	*** *** *** *** *** *** *** *** *** *** *** *** ** ***			2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2
*	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees	 oes	••		••				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1
•	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c)	ges Agent			••				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1. 28,88,20
•	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees	ges Agent	••		••				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1 28,88,2 3,20,4
,	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c)	ges Agent	••		••				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,03,378 1,36,32,840	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1 28,88,20 3,20,4 60,68,75
,	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses	ges Agent	***		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,08,378	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1 28,88,20 3,20,4 60,68,75
•	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d)	ges Agent	***		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,03,378 1,36,32,840	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1 28,88,2 3,20,4 60,68,75
	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses (including amounts al	ges I Agent Iocated to	Capital F		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,08,378 1,36,32,840 9,98,90,231 31,69,023	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1: 28,88,2 3,20,44 60,68,75 4,05,70,50
	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses (including amounts al	ges I Agent	Capital F		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,08,378 1,36,32,840 9,98,90,231	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1: 28,88,2 3,20,44 60,68,75 4,05,70,50
	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses (including amounts al	ges I Agent	Capital F		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,08,378 1,36,32,840 9,98,90,231 31,69,023	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1. 28,88,2,3 4,05,70,50 18,67,78
	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses (including amounts al	ges I Agent	Capital F		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,08,378 1,36,32,840 9,98,90,231 31,69,023 9,67,21,208	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1 28,88,2 3,20,4 60,68,75 4,05,70,50 18,67,78
	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses (including amounts al	ges I Agent	Capital F		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,08,378 1,36,32,840 9,98,90,231 31,69,023 9,67,21,208	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1. 28,88,2,4 60,68,78 4,05,70,50 18,67,78
	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses (including amounts al	ges Agent	Capital F		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,08,378 1,36,32,840 9,98,90,231 31,69,023 9,67,21,208	1,28,5 9,14,1 2,11,00,3 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1 28,88,2 3,20,4 60,68,75 4,05,70,50 18,67,78 3,87,02,71
	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses (including amounts al	ges I Agent I Agent I Agent	Capital F		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1 28,88,7 4,05,70,50 18,67,78 3,87,02,71
	Rent Repairs to Buildings (b) Repairs to Machinery (b) Insurance Freight and Transport Charg Commission to Sole Selling Other Selling Commission Royalties & Technical Fees Excise Duty (c) Sundries (d) Less: Recovery of Expenses (including amounts al	ges I Agent I Agent I Agent	Capital F		*** *** *** *** *** *** *** *** *** **				2,38,470 17,25,461 3,99,978 66,69,328 32,69,828 1,12,32,833 4,05,031 36,73,212 1,10,03,378 1,36,32,840 9,98,90,231 31,69,023 9,67,21,208	1,28,5 9,14,1 2,11,0 35,50,2 17,00,3 29,94,3 19,14,2 2,25,1; 28,88,2 3,20,44 60,68,79 4,05,70,50 18,67,78 3,87,02,71

INDIAN EXPLOSIVES LIMITED

SCHEDULES TO THE BALANCE SHEET (Contd.)

· `·		1970	1969
(9)	LOANS AND ADVANCES (Unsecured, considered good)	Rs.	Rs
	Advances recoverable in cash or in kind or for value to be received (a)	84,28,274	60,66,472
	• 1	4 .93,897 32,88,17 2	10,78,429 12,70,508
		22,10,343	84,15,409
	(a) Due by: Imperial Chemical Industries Limited, U.K	2,01,151	2,01,151 6,09,930
(10)	CURRENT LIABILITIES	Rs	Rs.
	Other Liabilities Industries Limited, U.K. I.C.I. (India) Private Limited The Alkali and Chemical Corporation of India Limited Imkemex India Limited Interest accrued but not due on Loans Unclaimed Dividends Directors' Current Accounts	12,26,218 19,82,277 9,98,307 92,003 31,799 11,431 13,65,647 59,475 1,916	2,75,59,893 76,75,681 12,99,284 1,73,052 65,60,348 41,393 3,469
•			
(11)	NOTES ON THE BALANCE SHEET 1. Estimated amount of contracts remaining to be executed on Capital Account and not provided for	Rs. 7,55,075	
		1,23,761	-
	3. Stocks include in transit	1,43,493	
	4. Retirement Gratuities are accounted for on a cash basis.		
	5. Contingent Liability: Arising from an Industrial Tribunal Award which has been challenged in the Calcutta High Court and an interim stay order has been obtained	1,45,291	
egge s	All foreign currency balances have been converted at standard rates of exchange on the date of the Balance Sheet.		
	 Previous year's figures have been re-arranged where necessary to make them comparable with those of current year. 	. S	

A. W. HAMER Chairman & Managing Director
M. G. SATOW Jt. Managing Director
A. C. MUIR Director

B. SEN Secretary

SCHEDULES TO THE PROFIT AND LOSS ACCOUNT (Contd.)

•							1
3) OTHER EXPEN	DITURE (Contd.)					1970	1
Included in	,					Rs.	
(a) Pension	paid to a Retired Director					•	
	s, Wages and Bonus			••	•	14,400	14,
Provide	nt Fund Contributions	••	••	• ••	•	26,97,281	14,69,
Power a	and Spare Parts	• •		• • • • • • • • • • • • • • • • • • • •	• •	8,359 25,75,908	!
Rent Insuranc		• •	***		••	58,261	22,29, 17,
	t relating to previous year	١		••	••	2,39,884 4,814	5,
		·	•• .	••	••	3,523	2,6
Provisio	f in respect of expenditure in for Doubtful Debts	incurred on Air	strip	• •	**	52,968	52,8
	······································		··	··		22,480	32,0
÷							
) TAXATION ETC.						Rs.	
Income Tax							
	Inder Section 200 Th	••	••	••		83,464	1,73,56,0
The same of the sa	under Section 280 ZB of Inc	come Tax Act, 1	961		••		17,36,0
•					`		11,00,0
	,	•				83,464	1,56,20,00

(15) NOTES ON THE PROFIT AND LOSS ACCOUNT

- 1. Rebates on sales are after adjustment of short provision of Rs. 8,473 in respect of previous year.
- 2. Interest from Banks and Others include Rs. 46,566 relating to previous years.
- 3. Interest from Banks and Others and Income from Trade Investment are shown gross and tax deducted is nil and Rs. 8,250 respectively.

 4. Miscellaneous Receipts include Rs. 15,499 in respect of previous year.
- 5. Interest paid includes Rs. 1,46,42,776 on Fixed Loan.
- 6. Payments to Auditors;
 - Audit Fees Rs. Expenses 50,000 (1969, Rs. 18,000) 4,199 (1969, Rs. 10,000 (1969, Rs. Rs. Other Services 505)
- 7. Dividends for the year on Equity Shares other than A Equity Shares, subject to deduction of tax at source, Rs, 36,01,500 paid and Rs. 36,01,500 proposed have been recommended for payment out of the amount standing to the credit of Dividend Equalisation Reserve and General Reserve as on 30th September, 1969, and accordingly are shown under Reserves and Surplus (Schedule 2). 8. Total remuneration of the Directors including
- Managing Directors for the year
- Estimated cost of benefits included above Rs. 37,761 (1969, Rs. 23,111)

 9. Central Government's approval is awaited to the appointments of Mr A. W. Hamer as a Managing Director, Mr M. G. Satow as a Joint Managing, Director, Dr S. K. Chanda and Mr H. C. Raghubir as Alternate Directors in the Whole-time employment of the Company.
 - The remuneration paid/payable to the above-mentioned Directors and also the increased remuneration payable to the other Whole-time Directors amounting to Rs. 3,97,829 is subject to Central Government's approval.
 - The above appointments and remuneration have been approved by members in General Meeting.
 - The total Directors' remuneration shown in Note (8) is subject also to Central Government's approval due to absence of net profit vide Section 198 of the Companies Act, 1956. An application
- 10. The amount shown against Income Tax for the current year in Schedule 14 relates to U.K. Tax.
- 11. Previous year's figures have been re-arranged where necessary to make them comparable with those