

A N N U A L R E P O R T 1 9 9 6 - 9 7



**Bharat Petroleum Corporation Limited** 

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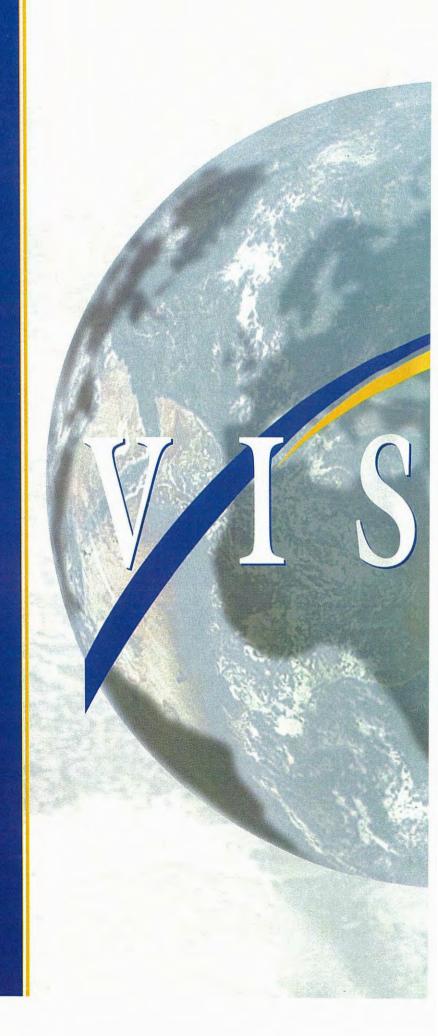
vision they say, is a dream that has a clear end in view. In today's competitive environment the company that grows is the company whose people share a clear strategic vision for the future. A shared vision that gives it focus and flexibility, direction with adaptability, and an objective that is common to the company.

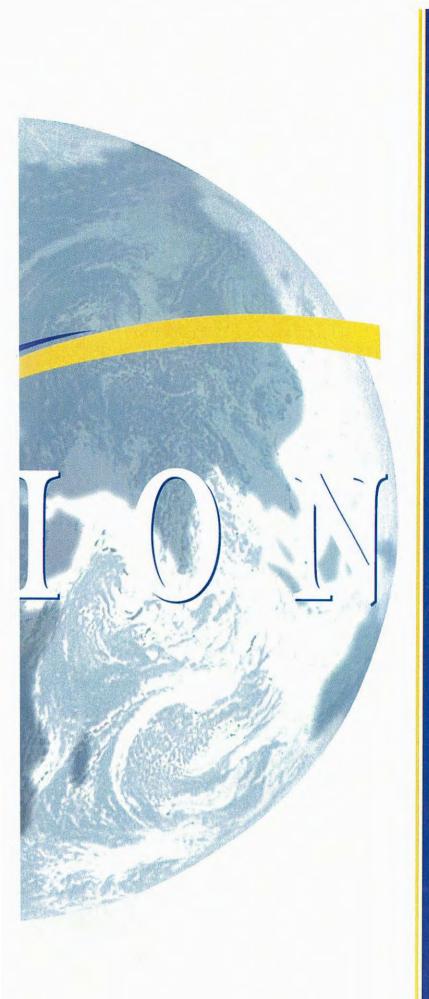
BPCL's shared vision brings together all these elements in its plan for the future as a global player in the oil industry.

The cover depicts this all-encompassing vision which charts the path of its future growth.



- Make people a source of our improvement
- To be the best
- Have excellent customer care and customer service
- Establish first class brand and corporate image
- Develop a cohesive corporate strategy

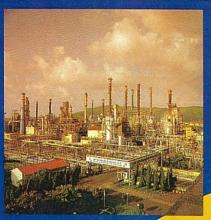




- Strong business performance and operational efficiency
- Make BPCL a great place to work
- Effective boundary management
- Fulfill social responsibilities
- Apply the best technology
- Be an ethical company
- Sound and dynamic systems



RECORD SALES TURNOVER OF Rs. 1,79,892 MILLION



RECORD CAPACITY UTILISATION OF REFINERY AT 126%

## Performance



ISO 9002 CERTIFICATION FOR AVIATION STATIONS, LPG BOTTLING PLANTS, DEPOTS AND LUBRICANT BLENDING PLANT.



IMPRESSIVE GROWTH RATES IN MS (PETROL), HSD (DIESEL) AND LPG.

# Highlights



GROSS PROFIT OF Rs. 9,775 MILLION



IMPRESSIVE COMPOUNDED ANNUAL GROWTH RATE (CAGR) OF 8.63% IN MARKET SALES VOLUME AND 26.28% IN PROFIT AFTER TAX (BASE YEAR 1992-93)

# Board of Directors



U. SUNDARARAJAN
Chairman &
Managing Director



S.K. BEDI
Director
(Personnel)



V.K. RAINA
Director



M.B. LAL
Director
(Refineries)



ASHOK SINHA

Director
(Finance)
w.e.f. 22.11.96



DEVI DAYAL
Additional Secretary
(Marketing)
Ministry of Petroleum &
Natural Gas



NIRMAL SINGH Joint Secretary (Refineries) Ministry of Petroleum & Natural Gas



SHANTI NARAIN Member (Traffic) Railway Board upto 24.04.97



K.V. RAO
Joint Secretary
(Ports)
Ministry of
Surface Transport
w.e.f. 25.04.97

K.S. MANIKASHETTI Company Secretary

### BANKERS

STATE BANK OF INDIA

CENTRAL BANK OF INDIA

THE STANDARD CHARTERED BANK

INDIAN BANK

BANK OF INDIA

STATE BANK OF PATIALA

ANZ GRINDLAYS BANK

ORIENTAL BANK OF COMMERCE

PUNJAB NATIONAL BANK

ABN AMRO BANK N.V.

CANARA BANK

UNION BANK OF INDIA

CORPORATION BANK

### **AUDITORS**

DALAL DESAI & KUMANA

BORKAR AND MUZUMDAR

### REGISTERED OFFICE

BHARAT BHAVAN

4 & 6 CURRIMBHOY ROAD,

BALLARD ESTATE,

MUMBAI 400 001.

### **Notice to Shareholders**

Notice is hereby given that the 44th Annual General Meeting of the Shareholders of Bharat Petroleum Corporation Ltd., will be held at Rangsharda Auditorium, Bandra Reclamation (near Circus Ground), Bandra (West), Mumbai - 400 050, on Monday, the 29th day of September, 1997 at 3.30 p.m., to transact the following Ordinary and Special Business:

### A. Ordinary Business

- To receive and adopt the Directors' Report (along with the addendum thereto) and the Audited Profit and Loss Account for the year ended 31st March, 1997 and the Balance Sheet as at that date with the Reports of the Statutory Auditors and the Comments and the Review of the Comptroller & Auditor General of India thereon.
- 2. To declare dividend.
- To appoint a Director in place of Shri Devi Dayal, Additional Secretary, Ministry of Petroleum & Natural Gas, who retires by rotation in pursuance of Section 256 of the Companies Act, 1956, and is eligible for reappointment.
- To appoint a Director in place of Shri V. K. Raina, Director (Marketing), who retires by rotation in pursuance of Section 256 of the Companies Act, 1956, and is eligible for reappointment.

### B. Special Business

- Appointment of Shri Ashok Sinha, Director (Finance) who was appointed as Additional Director by the Board and therefore holds office up to the date of the AGM, as Director of the Company:
  - To consider and, if thought fit, to pass the following Resolution, with or without modifications, as an Ordinary Resolution:
  - "RESOLVED that Shri Ashok Sinha be and is hereby appointed as a Director of the Company".
- 6. Appointment of Shri K.V.Rao, Joint Secretary, Ministry of Surface Transport, who was appointed as Additional Director by the Board and therefore holds office up to the date of the AGM, as Director of the Company:
  - To consider and, if thought fit, to pass the following Resolution, with or without modifications, as an Ordinary Resolution:
  - "RESOLVED that Shri K.V. Rao, Joint Secretary, Ministry of Surface Transport, be and is hereby appointed as a Director of the Company."

By Order of the Board of Directors

Registered Office : Bharat Bhavan, 4&6 Currimbhoy Road, Ballard Estate, Mumbai - 400 001 Date : 29th August, 1997

Sd/-(K.S Manikashetti) Company Secretary

### Note:

- Explanatory Statements under Section 173 of the Companies Act, 1956, in respect of the above items of Special Business are annexed hereto.
- A member entitled to attend and vote at the meeting is entitled to appoint a proxy or proxies in the alternative to
  attend and vote instead of himself and such proxy need not be a member. Proxies, in order to be effective, should
  be deposited at the Registered Office of the Company not less than forty eight hours before the commencement of
  the Meeting.

### EXPLANATORY STATEMENTS PURSUANT TO SECTION 173 OF THE COMPANIES ACT, 1956

Following are the Explanatory Statements in respect of Special Business indicated in the Notice dated 29-08-1997:

### Item No. 5 Appointment of Shri Ashok Sinha as Director of the Company

- Shri Ashok Sinha was appointed with effect from 22-11-1996 as Additional Director by the Board of Directors under the provisions of Article 77A of the Articles of Association of the Company, in accordance with the intention of the Government of India.
- b) Shri Sinha has further been appointed and has taken over as Director (Finance).
- c) Shri Sinha being an Additional Director, holds office up to the date of the Annual General Meeting and is eligible for appointment by the Company as Director at the Annual General Meeting. The Company has received a notice u/s 257 of the Companies Act, 1956 from a member proposing the name of Shri Ashok Sinha as Director of the Company.
- d) The Directors recommend appointment of Shri Ashok Sinha as Director of the Company.
- e) None of the Directors, except Shri Ashok Sinha, is interested in the Resolution.

### Item No. 6 Appointment of Shri K.V.Rao, Joint Secretary, Ministry of Surface Transport, as Director of the Company

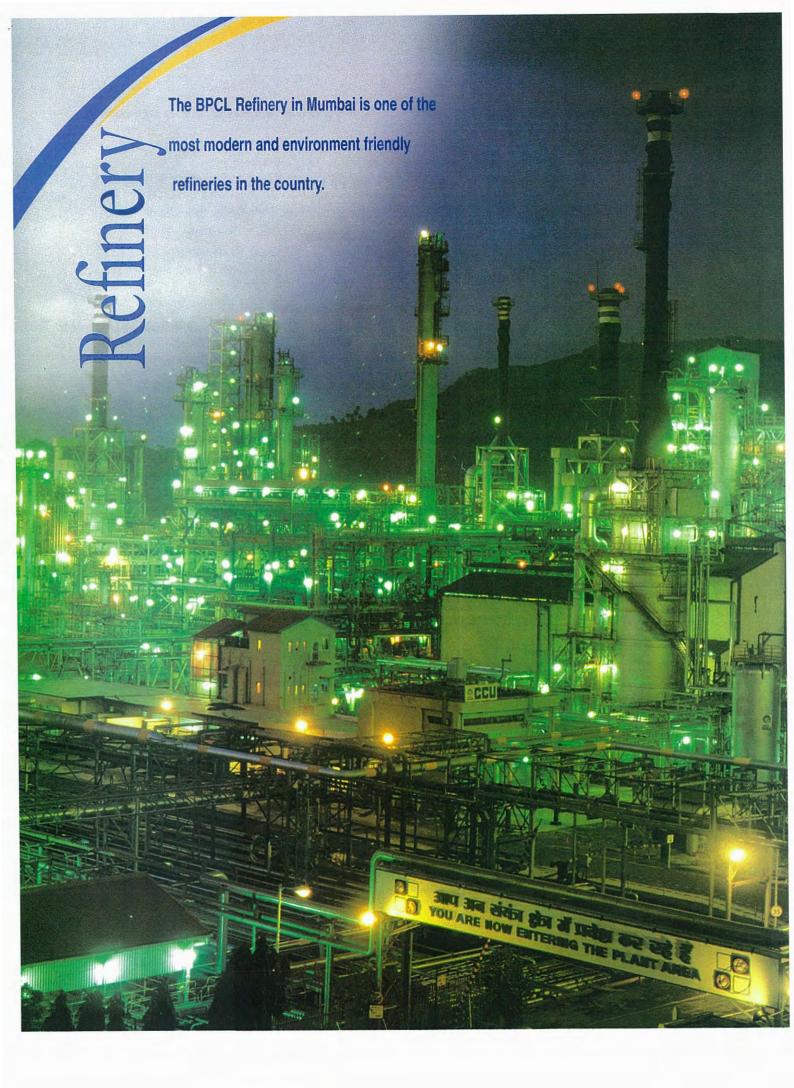
- a) Shri K.V. Rao, Joint Secretary, Ministry of Surface Transport, Government of India, was appointed with effect from 25-4-1997 as Additional Director by the Board of Directors under the provisions of Article 77A of the Articles of Association of the Company in accordance with the intention of the Government of India.
- b) Shri K.V. Rao, being an Additional Director, holds office up to the date of the Annual General Meeting and is eligible for appointment by the Company as Director at the Annual General Meeting. The Company has received a notice u/s 257 of the Companies Act, 1956 from a member proposing the name of Shri K.V.Rao as Director of the Company.
- c) The Directors recommend appointment of Shri K.V.Rao as Director of the Company.
- d) None of the Directors, except Shri K.V.Rao, is interested in the Resolution.

The documents referred to in the above explanatory statements are open for inspection during 14:30 hrs to 16:30 hrs on all the working days, at the Registered Office of the Company.

By order of the Board of Directors

Registered Office: Bharat Bhavan, 4&6 Currimbhoy Road, Ballard Estate, Mumbai 400 001 Date: 29th August, 1997

Sd/-(K.S. Manikashetti) Company Secretary



### DIRECTORS' REPORT

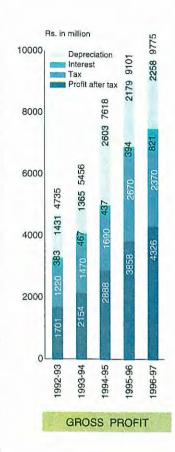
our Directors take great pleasure in placing before you the 44th annual report on the performance of Bharat Petroleum Corporation Limited (BPC), together with the audited accounts for the year ended March 31, 1997.

BPC continued to post good results. The Company achieved its highest ever sales turnover and profits. The overall demand for petroleum products registered a lower rate of growth of 6.4% during 1996-97 as compared to 11% during the year 1995-96. Though this had reflected in lower growth rates for many of BPC products, we continued to outperform the industry by growing at 6.8%. With sales of 15.8 Million Metric Tonnes (MMT), BPC further strengthened the market share from 20.3% in 1995-96 to 20.4% during the year under review.

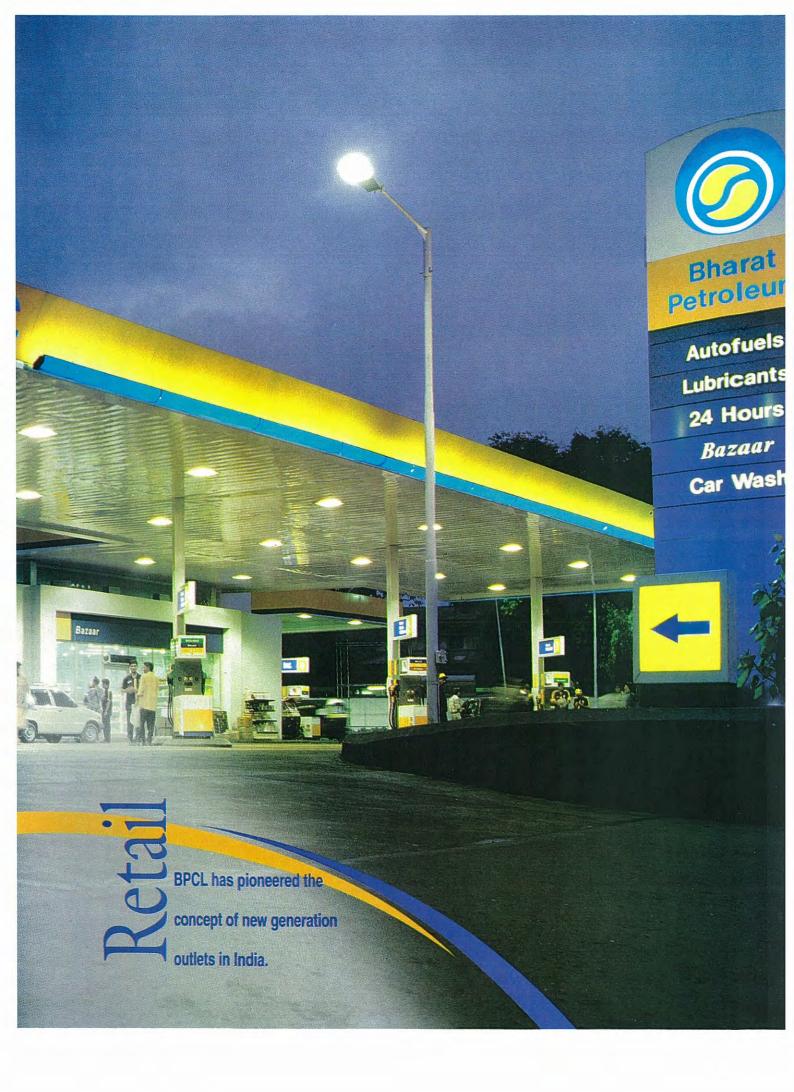
### FINANCIAL HIGHLIGHTS

The gross profit before interest, depreciation and tax increased by 7.4% to Rs. 9775 million and the net profit increased by 12.1% to Rs. 4326 million. Highlights of the financial results as compared with those of the previous year are as follows:

	Rupees in Million	
	1996-97	1995-96
Sales Turnover	179892.48	148227.52
Profit before Depreciation	8935.66	8740.52
Depreciation	2258.12	2179.77
Profit before Tax	6677.54	6560.75
Prior Year's Income/(Expenses) - Net	18.43	(33.00)
Provision for Taxation	2370.00	2670.00
Profit after Tax	4325.97	3857.75
Excess/(Short) Tax Provision in earlier years		
written back/provided for	(250.00)	_
Transfer from Investment Allowance Reserve	252.06	14.66
Balance brought forward from the previous year	0.01	0.01
Amount available for disposal	4328.04	3872.42
The Directors propose to appropriate this amount as under :		
Towards Dividend	495.00	495.00
Towards Tax on Distributed Profits	49.50	_
For transfer to the General Reserve	3783.53	3377.41
Balance to be carried to the Balance Sheet	0.01	0.01



BPC CONTINUED TO
POST GOOD RESULTS.
THE COMPANY
ACHIEVED
HIGHEST EVER
SALES TURNOVER
AND PROFITS.



The review of the accounts by the Comptroller & Auditor General of India, together with his comments thereon, under Section 619(4) of the Companies Act, 1956, and the replies of the Board are annexed.

The Directors are pleased to recommend, for your approval, a dividend of 33%, which will absorb Rs. 495 million. After providing Rs. 49.50 million for tax on distributed profits, an amount of Rs. 3783.53 million will remain for transfer to the general reserve. With this, BPC's net worth as on March 31, 1997 increased to Rs. 20849.47 million from Rs. 17318.00 million as at the end of the previous year.

The earnings per share (before adjusting for prior period tax and tax on distributed profits) translates to Rs.28.84, as compared to Rs.25.72 during 1995-96. Internal cash generation during the year increased to Rs.5782.13 million from Rs.5543.73 million last year. BPC contributed Rs.45415.79 million to the exchequer by way of taxes and duties vis-à-vis Rs.32013.65 million during 1995-96.

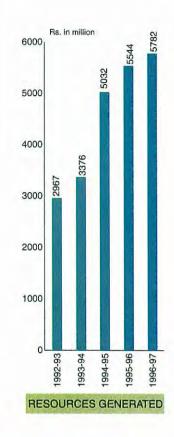
In addition to the provision for income tax payable for the year 1996-97, BPC has provided a sum of Rs. 250 million towards tax for earlier years. This provision has been made in view of the disallowance of the deduction claimed by us under Sec 80(IA) of the Income Tax Act, 1961. Though we have preferred an appeal against the disallowance, the provision has been made in accordance with BPC's accounting policy.

Due to non receipt of dues from the Oil Co-ordination Committee, coupled with increase in the fund requirement for capital expenditure, BPC had to resort to borrowings. A sum of Rs.2468 million was raised through private placement of 15.5% secured redeemable non-convertible bonds, due for redemption in March, 2000. The issue of these triple 'A' rated bonds received an overwhelming response from the investors.

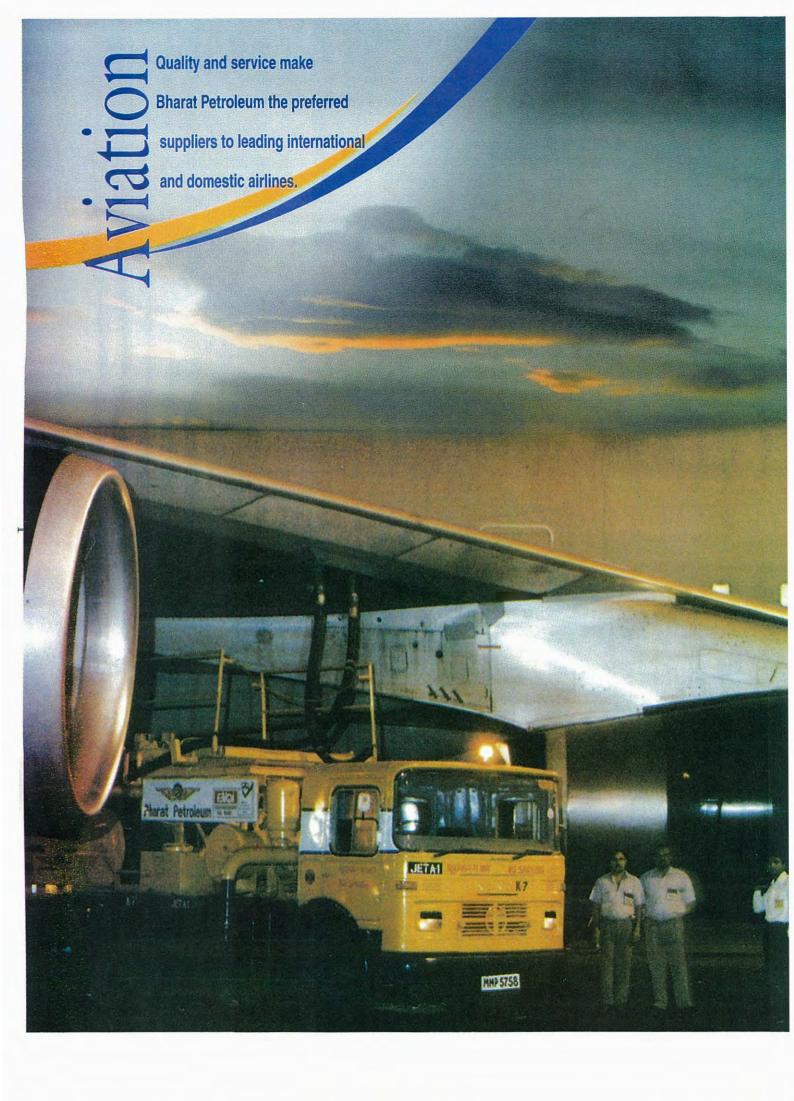
Borrowings from Banks increased to Rs.5688.37 million from Rs.2873.08 million at the close of the previous year. The term loans from banks, and that from the World Bank stood at Rs.626.68 million and Rs.266.55 million respectively (previous year - Rs.350.71 million and Rs.327.98 million). During the year, a loan of Rs. 1300 million was drawn from the Oil Industry Development Board. The other term loans as at March 31, 1997 stood at Rs.43.37 million as compared to Rs. 81.44 million as at the end of the previous year. Inter Corporate Deposits reached a level of Rs. 550 million at the end of the year.

Public Deposits as at March 31, 1997, stood at Rs.2658.98 million as compared to Rs.1557.76 million at the end of the previous year. The amount of deposits matured but unclaimed at the end of the year was Rs.16.85 million, which pertained to 574 depositors.

BPC was one of the first few companies to enter into an agreement with the National Securities Depository Limited, making it possible for shareholders to hold the securities in the electronic form.



BPC WAS ONE OF THE
FIRST FEW COMPANIES
TO ENTER INTO AN
AGREEMENT WITH THE
NATIONAL SECURITIES
DEPOSITORY
LIMITED, MAKING IT
POSSIBLE FOR
SHAREHOLDERS TO
HOLD THE SECURITIES
IN THE ELECTRONIC
FORM.



BPC has installed the necessary software and hardware for this purpose. Activity in this form has commenced and a few shareholders have dematerialised some of their scrips.

BPC's Annual Report for the year 1994-95 was selected by the Institute of Chartered Accountants of India as the best presented amongst the public sector/joint sector companies. This award was received for the second year in succession. The said report was also adjudged as the second best presented in the non-financial sector in the SAARC region by the South Asian Federation of Accountants (SAFA).

### PERFORMANCE OF THE REFINERY

Crude throughput at the Refinery was the highest ever at 7.59 MMT yielding 7.41 MMT of refined products. The Refinery continued to operate at a capacity utilisation of over 120%. This was achieved inspite of the scheduled shutdown of major processing units for maintenance.

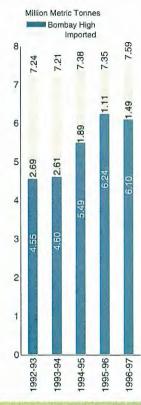
BPC's Refinery has one the most flexible configuration in the country and has so far processed 46 different types of crude. Six types of crude were processed during the year. Of the total crude processed, 80.3% was Bombay High crude. The intermediate streams processed include Methanol, Natural Gasoline and Vacuum Tower Bottoms & High Aromatic Naphtha.

Light and middle distillates (like LPG, motor spirit, diesel and kerosene) constitute 81.6% of the country's demand for petroleum products and therefore, these are the most sought after products. It is expected that in the years to

come, the demand for these products will further increase. 85.1% of our Refinery's production during 1996-97 was in terms of light and middle distillates.

The Refinery achieved all time high production levels of Hexane (30,520 tonnes), Mineral Turpentine Oil (84,465 tonnes) and Aromatics (Benzene and Toluene) (102,222 tonnes). Although the production of  $\rm C_3$  increased marginally to 19153 MT, its production had to be curtailed due to inadequate demand.

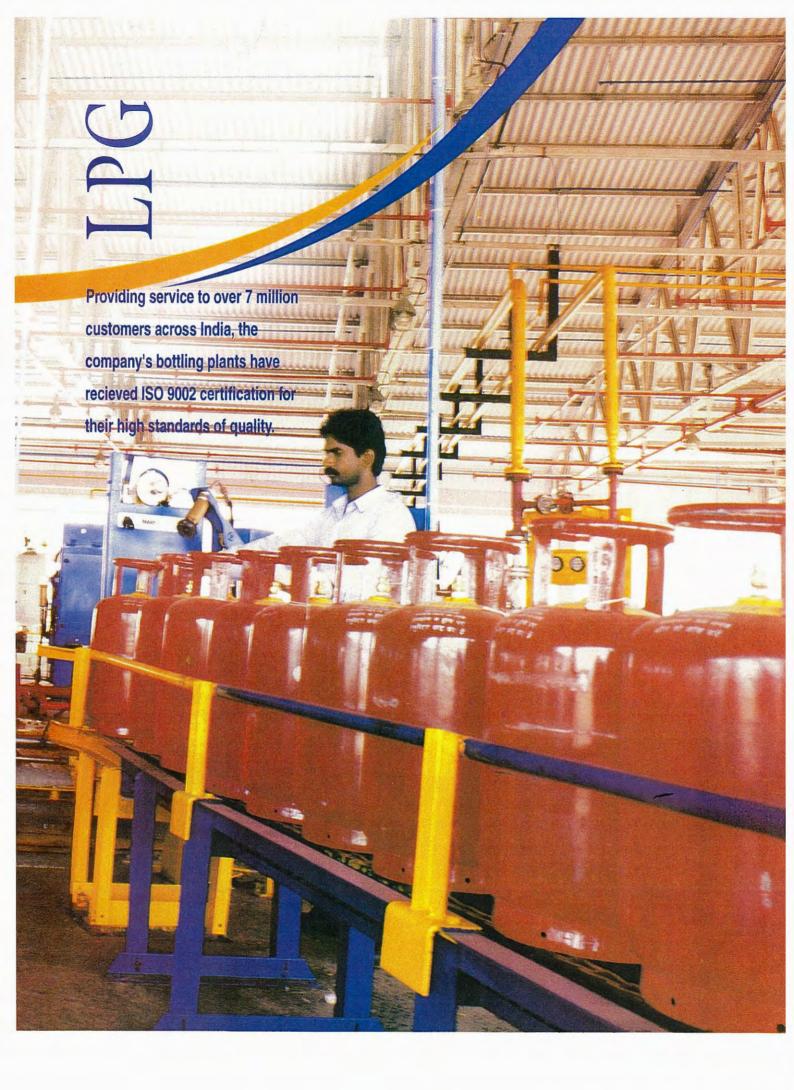
BPC recognises its responsibility towards reducing the levels of automotive emissions. The Refinery is the only one in the country that produces Methyl Tertiary Butyl Ether (MTBE), which is used as an octane booster in place of Tetra Ethyl Lead. Our MTBE production is utilised for production of unleaded petrol for consumers in Mumbai. BPC is also producing HSD with a reduced sulphur content of 0.25% (by weight).



CRUDE PROCESSED(MMT)



BPC RECEIVES THE SILVER SHIELD FROM ICAL FOR THE BEST PRESENTED ACCOUNTS OF PUBLIC AND JOINT SECTOR COMPANIES FOR THE YEAR ENDED 31st MARCH, 1995



BPC's Refinery received ISO 9002 certification from Det Norske Veritas, Netherlands.

Two crude oil tanks with an effective storage capacity of 40,000 MT each and two Slop tanks with associated pumping facilities were commissioned at the Refinery during the year under report at a total cost of Rs.411 million.

The High Vacuum Unit was revamped in June, 1997 at a cost of nearly Rs.217 million. This unit will help in maintaining a uniform crude throughout rate while processing both Bombay High and imported crudes.

### MARKETING PERFORMANCE

### **RETAIL SALES**

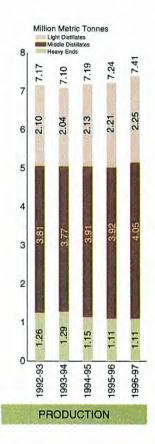
Retail sales constitute 63.6% of BPC's total sales. Against an industry growth rate of 8% in this segment, BPC recorded a growth of 9.2%, which is the highest by any oil company. With sales of 10056.1 Thousand Tonnes (TMT) in MS, HSD and SKO, our market share in this segment increased to 24.5%. The average throughput per BPC retail outlet was 202.78 Kilolitres (KL) per month, which is higher than the industry average throughput of 193.24 KL per month.

In order to stay ahead of the competition, BPC has been making efforts to improve the levels of service to its customers and to modernise the facilities at its retail outlets. Last year, for the first time in the country, BPC introduced international standard, state-of-the-art facilities at three of our existing retail outlets, which were remodelled in line with Shell's retail visual identity, as demonstration sites. Though a major part of the capital cost of these upgradations is being borne by Shell, Bharat Shell Ltd. (BSL), the outlets continue to be owned by BPC and the marketing margins accrue to BPC.

BPC has also commissioned three New Generation Retail Outlets, at par with international standards, under its own brand. The consumer response to these remodelled outlets has been overwhelming. These New Generation Retail Outlets have all the modern facilities (including automatic car wash facility), and also have Convenience Stores attached to them. Our endeavour over the next four years is to convert 45 more outlets on these lines. At the remaining outlets also, facilities are being upgraded. BPC plans to spend about Rs. 6,000 million on modernisation in the retail sector.

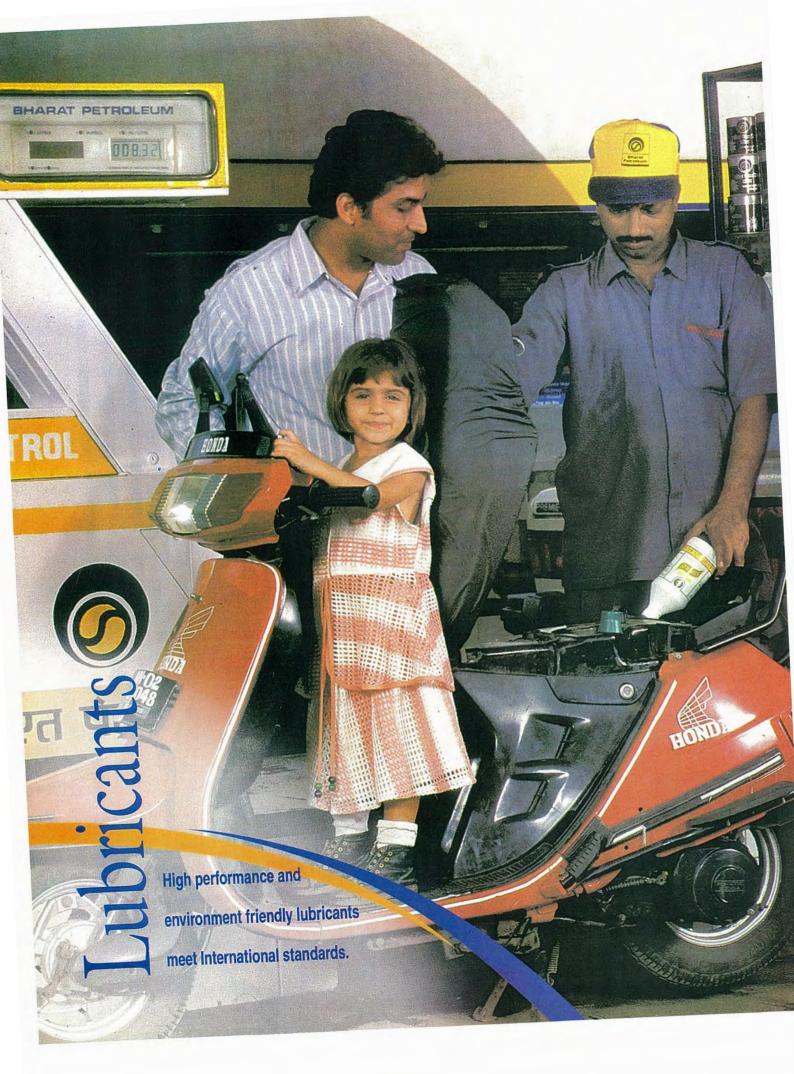
BPC is proud that these state-of-the-art retail outlets have set totally new standards which infact have encouraged others in the industry to improve facilities at their retail outlets. BPC will constantly strive to delight customers with even better offerings on an ongoing basis.

All out efforts continued to be made to enhance the levels of customer service. Dealer motivational schemes continued and comprehensive training programmes for driveway salesmen were undertaken. A special campaign - "Caring Dealer Campaign" was launched





CONVENIENCE STORE AT A BPC
NEW GENERATION PETROL STATION



at select retail outlets all over the country, to focus on courteous behaviour, good housekeeping, and improved forecourt service.

Last year, 100 of our retail outlets supplied unleaded petrol (ULP). The number increased to 245 as on March 31, 1997. During 1997-98, we will be making ULP available at many more outlets.

61 retail outlets and 12 SKO/LDO dealerships were commissioned during the year, taking the total number of retail outlets to 4373 and SKO/LDO dealerships to 962. Of the dealerships commissioned during the year, 23 retail outlets and 2 SKO/LDO dealerships were under the Financial Assistance Scheme extended to SC/ST allottees.

### **DIRECT MARKET**

Sales to bulk consumers increased by 3.7% over the last year as against an industry growth rate of 4.8%. However, higher than the industry sales growth was achieved in Naphtha (44.9%), Hexane (24.3%), Benzene (33.4%), Toluene (74.8%), Furnace Oil (7.1%), LABFS (20.7%) and HSD (7.8%).

68 HSD Consumer Pumps and 2 Railway Consumer Depots were commissioned during the year.

An agreement was signed with GVK Industries, Andhra Pradesh for the supply of naphtha to their power plant. GVK Industries are the first independent power producers in the country to be commissioned.

### LUBRICANTS

The lubricants sector has witnessed significant activity since its decontrol in 1993. The entry of several leading multinational players in this field has intensified the competition leading to a fall in the market share of the existing players. The total share of the public sector players declined from 88% in 1991-92 to 65% in 1995-96. BPC's sales also suffered and our market share dipped from 12.3 % in 1991-92 to a low of 7.5% in 1995-96.

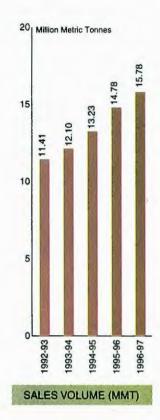
During the year, BPC tried to reverse the trend and snip the decline that was taking place. For the first time in five years, we achieved a growth, though only of 1.4%. This was against the growth rate of 0.7% by the public sector players. The combined sales of lubricants by BPC and our joint venture company, Bharat Shell, registered a growth of 13.3% over the previous year.

During the year, ISO 9002 accreditation was obtained from KPMG Quality Registrar for our Wadilube Oil Blending Plant. 11 new Lube distributorships were commissioned.

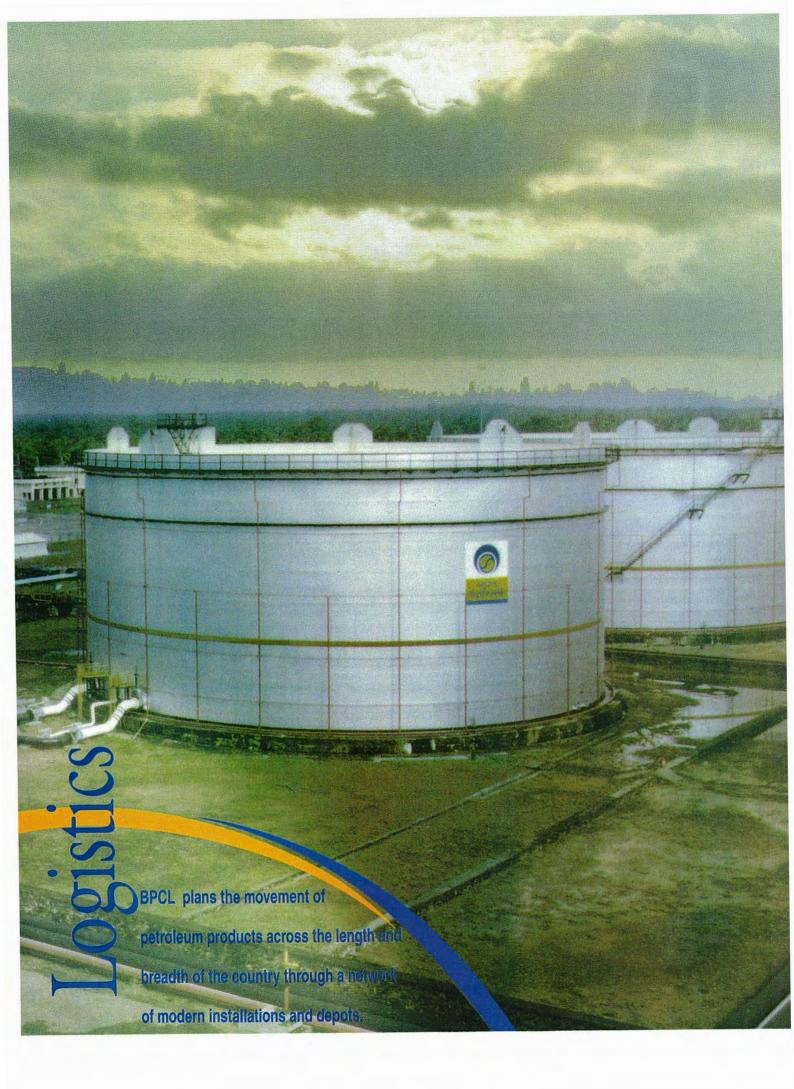
Strong emphasis is being placed on this segment and we should soon be able to sustain a healthy growth. Various options are being aggressively pursued. Some of the formulations are being improved and new packages are being introduced. It is expected that improvements will soon show results.

### LPG

LPG Sales touched the 1 Million Metric Tonne mark during the year, registering a growth of 10.5% and giving BPC a market share of 24.4%. During the year, 574,641 new domestic consumers were enrolled and 466,387 second







(additional) cylinders were released. With this, the total number of Bharat Gas consumers as on March 31, 1997 was 6.93 million. 68% of these consumers have two cylinders.

88 new distributorships were commissioned including those under the Financial Assistance Scheme, increasing our LPG distributorship network to 1146, catering to 578 markets across the country.

During the year, a new greenfield bottling plant of 22 TMTPA was commissioned at Gumdipoondi near Chennai taking the LPG filling capacity at our Bottling Plants to 908 Thousand Metric Tonnes per Annum (TMTPA) in 1996-97 from 886 TMTPA during 1995-96. The total quantity of LPG filled at these plants was 987 TMT.

BPC was the first in the industry to be awarded ISO 9002 accreditation for an LPG Bottling Plant. During the year, ISO 9002 was awarded by Bureau Veritas Quality International to our LPG Bottling Plants at Hissar and Lucknow. With this, 5 of BPC's 20 bottling plants have received ISO 9002 certification.

### AVIATION

With sales of 485,000 Metric Tonnes, BPC has a share of 22.5% of the total Aviation Turbine Fuel market and 43% of the foreign airlines business. The year witnessed a decline in ATF sales due to changes in operations of two of our major customers.

During the year, ISO 9002 was awarded to our Aviation Stations at Mumbai, Calcutta, Delhi and Bangalore by Bureau Veritas Quality International.

BPC has 16 aviation fuelling stations. During 1996-97, possession of land was taken for construction of new aviation fuelling stations at Bhubaneshwar and Jaipur. Facilities at our fuelling station at Chennai are also being enhanced.

BPC plans to put up the hydrant fuelling system at the New Cochin International Airport. A formal MOU to this effect has been signed with the Cochin International Airport Limited in May 1997.

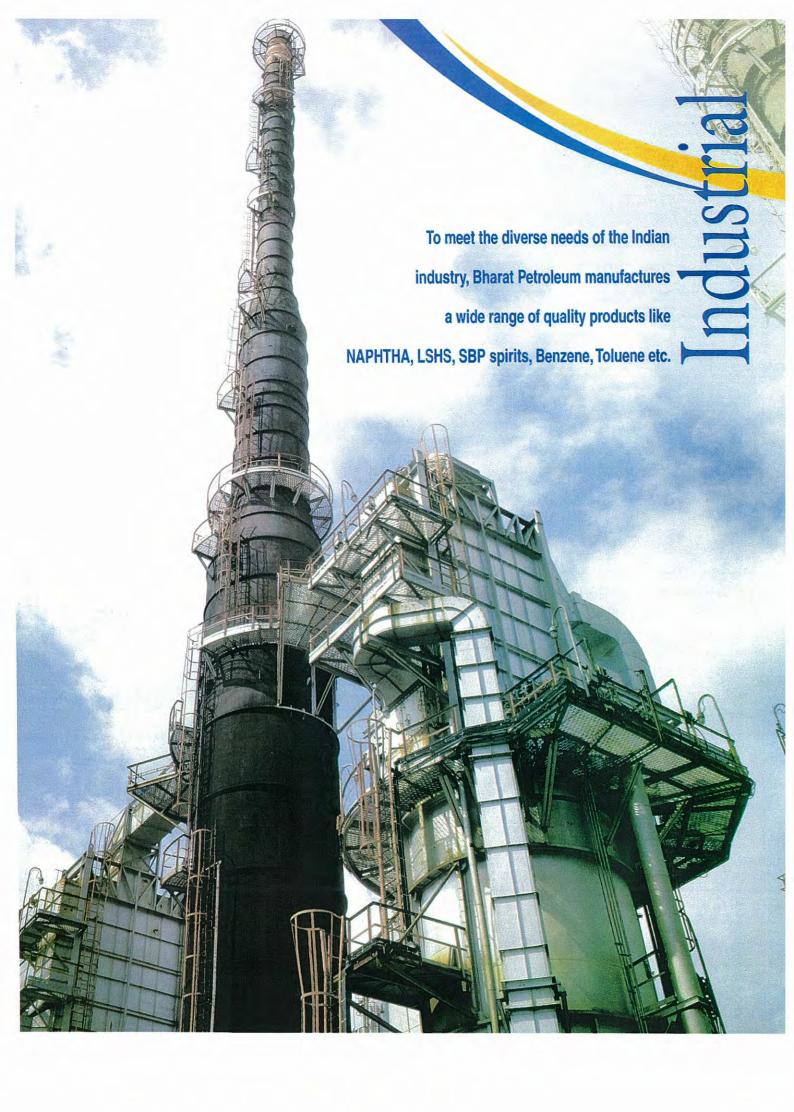
### PRODUCT DISTRIBUTION NETWORK

Product tankage of 195,400 KL was commissioned at various locations across the country at a cost of Rs.1594.6 million. This includes 7 depots, 3 tap off points (TOP), 1 coastal installation, and 1 inland installation. Additional tankage were also commissioned at some of the existing installations. With this, BPC's total tankage increased to 1,814,400 KL.

At the close of the year, our distribution network comprised of 8 coastal installations, 5 inland installations, 3 bunkering installations, 2 lube oil blending plants, 10 pipeline TOPs, 67 company operated depots, 64 commission operated/special agreement depots and 26 despatch units.

During the year, BPC was awarded ISO 9002 accreditation by Bureau Veritas Quality International for its depots at Miraj and Mysore.

BPC WAS AWARDED
ISO 9002
ACCREDITATION BY
BUREAU VERITAS
QUALITY
INTERNATIONAL FOR
ITS DEPOTS AT MIRAJ
AND MYSORE.



BPC inducted 218 of the larger and more efficient Bogie Type Pneumatic (BTPN) tankwagons under the railways "Own Your Wagon Scheme". Orders for another 130 BTPN wagons are under execution.

The Kandla Complex for which BPC is the industry co-ordinator achieved a record throughput of 10.44 MMT during 1996-97.

### INTERNATIONAL TRADE

During the year, the International Trade Division facilitated imports of 7.5 TMT of Base Oils for BPC, 13 TMT SKO and 16 TMT of LPG for parallel marketers. 542.3 TMT of Naphtha and 21.8 TMT of LSHS was also exported through the canalising agency.

### **HUMAN RESOURCES**

252 management staff and 148 non-management staff were recruited during the year under report, which is inclusive of 111 management staff and 99 non-management staff belonging to SC/ST/OBC categories. The total number of employees at the end of the financial year stood at 11704 comprising 3231 management staff and 8473 non-management staff.

BPC takes pride in its people and recognises them as its competitive edge - the key to its future. Constant efforts are made to nurture the spirit of entrepreneurship and innovation. Great emphasis is placed on human resource development and training. The major focus of training during the year was on enhancing of skills to prepare employees for the changing environment. Approximately 7000 employees participated in various in-house training programmes. A number of management staff were also nominated to programmes conducted by reputed management institutes. A series of training programmes for Driveway Salesmen, on servicing customers were organised.

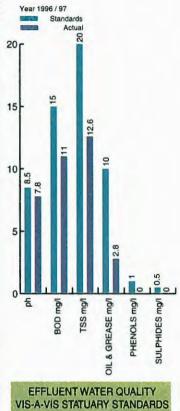
Industrial Relations during the year were cordial. In the Refinery, a Long Term Settlement (LTS) on wages was formally signed in conciliation on May 17, 1996 with two of the three unions covering about 78% of the Refinery workmen. The remaining union has also signed the LTS during 1997-98. This brings to an end two decades of stalemate over the terms and conditions of the Refinery workmen.

Information required under Section 217 (2A) of the Companies Act, 1956, read with Companies (Particulars of Employees) Rules, 1975 is annexed.

### **ENVIRONMENT PROTECTION**

Efforts are continuously made towards conservation and improvement of the environment. New technologies are adopted wherever possible.

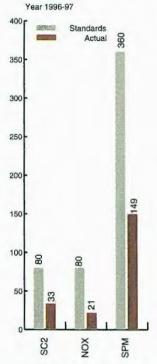
Low Lead MS (with 0.15 gms of lead per litre) was introduced in the country from January 1, 1997. HSD with a maximum sulphur content of 0.5% by weight was introduced in the metro cities and in the



AT BPCL REFINERY



THE EFFLUENT TREATMENT PLANT AT **BPC's MUMBAI REFINERY** 



(ALL UNITS ARE IN MICROGRAMS PER METER CUBE)

TYPICAL AMBIENT AIR QUALITY VIS-A-VIS STATUTORY STANDARDS AT BPCL REFINERY Taj Trapezium with effect from April 1996. From September 1996, HSD with a maximum sulphur content of 0.25% by weight was introduced in the Taj Trapezium. To meet the requirement all over the country of HSD with the revised specification of maximum sulphur content of 0.25% by weight from April 1999, facilities for Diesel Hydro de-sulphurisation are being put up in the Refinery. Distribution of other Low Sulphur Fuels (with a maximum sulphur content of 1.8% by weight) was started in the National Capital Region from October 1996. Consequently, the use of High Sulphur FO and RFO has been discontinued in this region.

BPC conducted two campaigns on behalf of the industry: the first on the importance of LPG conservation and the second on the introduction of Low Leaded Petrol. BPC also participated in an exhibition organised on environmental issues in Chembur during December 1996. BPC's stall was adjudged the best in the exhibition.

### SAFETY

Safety continued to be accorded the highest priority in BPC, both in refining and marketing operations.

During the year, the Refinery achieved 3 Million Man Hours without Lost Time Accident (LTA) on one occasion and 1 Million Man Hours without LTA on two occasions.

As a result of higher exposure to various safety awareness programmes, there has been a reduction of injuries during the year by 34% for BPC employees and 43% for contractors' employees. Moreover, the frequency of Lost Time Accidents has come down from 1.5% to 0.6% for our employees and from 5.6% to 1.7% for contractors' employees. To enhance safety performance, safety by walk-around concept was introduced wherein experienced officers have been appointed as safety surveyors and safety sampling is done by senior management staff. A safety symposium was organised at the Refinery during the year in which members from the Oil Industry, Government bodies, Oil Industry Safety Directorate and Engineers India Limited participated.

Safety management, awareness and motivation for safety continued with added impetus across all establishments. BPC was adjudged the winner of Oil Industry Safety Awards for its safety performance being the best among all

the "LPG Marketing Organisations in 1995-96" for the fourth year in succession. One-minute films on the safe handling of LPG were screened on popular TV channels to maximise public awareness on LPG safety. The programmes had a high recall.

### CONSERVATION OF ENERGY

Energy conservation efforts received continuous focus both in terms of improvement in existing operations as well as development of new projects.

In order to improve waste heat recovery and thereby reduce fuel consumption, additional coils were installed in the convection banks of furnaces in the Crude Distillation Unit (CDU). Heat recovery during operation was improved by the provision of Sonic soot blowers in the air preheaters of some of the CDU furnaces.



HON'BLE MINISTER OF STATE FOR PETROLEUM & NATURAL GAS , Mr. T. R. BAALU, PRESENTING THE LPG SAFETY AWARD TO THE C & MD

For effective monitoring, loss reduction and improvement in the environment, a portable steam trap performance instrument "Trapman", a fugitive emission monitor, and a sonic dip tape for accurate cross checking of tank dips/temperatures were put to use.

The above measures, coupled with sustained operation and high onstream factor for major processing units, resulted in controlling the fuel & loss to 5.94% by weight on crude which is the best achieved over the last few years.

The Refinery observed the month of October 1996 as a Loss Control Month and various strategies for reduction of hydrocarbon loss were identified and implemented. Consequently, the Refinery has been able to reduce hydrocarbon losses for the year to 0.61% by weight compared to 0.86% by weight in the previous year.

A joint oil conservation survey of the Refinery was carried out alongwith members from other refineries in the area of steam leaks as a part of oil conservation fortnight programme to identify the areas of improvement.

### **TECHNOLOGY ABSORPTION**

To control biological growth and to replace chlorine by an alternative environment friendly chemical, a new biocide was identified and successfully tried in sea cooling water system. A non-hydrocarbon type corrosion inhibitor was identified for reducing corrosion of the overhead system in Sour Water Stripper and trials for the same are under progress. Two new catalysts have been tried for yield improvement in the Fluid Catalytic Cracking Unit and the Catalytic Cracking Unit.

The particulars with respect to the conservation of energy and technology absorption required to be furnished pursuant to Section 217 (1) (e) of the Companies Act, 1956 and the Rules thereunder, are as given in Forms A & B, which are annexed.

### **MEMORANDUM OF UNDERSTANDING**

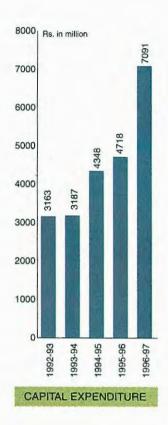
For the seventh successive year, BPC has entered into a Memorandum of Understanding (MOU) with the Ministry of Petroleum & Natural Gas (MOP&NG). The performance rating awarded to BPC was "Excellent" for the year ended March 31, 1996. Based on an internal evaluation of performance for the year under review, BPC once again merits, subject to approval by the Government of India, an "Excellent" rating.

### SOCIAL WELFARE ACTIVITIES

During the year, BPC adopted 11 SC/ST villages under the Component & Tribal Sub-Plan - Jahazpur (District Purulia), Mankara, Khiddirpur and Ayodhyanagar (District Murshidabad), Uttar Goalpara (District Uttar Dinajpur), Mungadih, Jaradih, Dimra Obar (District Ranchi), Jyotinagar (District Belgaum), Tembre



SHRI JANESHWAR MISHRA, HON'BLE MINISTER FOR PETROLEUM AND NATURAL GAS, IN DISCUSSION WITH C & MD AND DIRECTORS.



(District Raigad). The facilities provided include community centres, tube/borewells, educational support, medical facilities, vocational guidance and training to make the villagers self-reliant and improve their standard of living.

BPC encouraged health care activities through sponsorship of a film by Cancer Patients Aid Association on cancer prevention and awareness; Trauma Care Consortium Project for providing urgent medical care for accident victims; and Child health programme undertaken by CRY.

In the field of sports, BPC sponsored the Santosh Trophy Football National Championship for the fourth consecutive year.

### FOREIGN EXCHANGE EARNINGS/OUTGO

The details of foreign exchange earnings and outgo are given below:		
		Rs. Million
	1996-97	1995-96
Earnings in Foreign Exchange	4172.04	3610.42
<ul> <li>includes receipt of Rs.3012.77 million (Rs.2624.02 million during the previous year) in Indian Currency out of the repatriable funds of Foreign Airline Customers.</li> </ul>		
Foreign Exchange Outgo	710.91	865.26

on account of purchase of Raw Materials, Chemicals, Catalysts, Spare Parts, International Trading Activities etc.

### OFFICIAL LANGUAGE IMPLEMENTATION

Thirty three Official Language Implementation Committees continue to review the progress made in Hindi implementation. The Parliamentary Committee on Official Language visited various locations of BPC and commended BPC's efforts towards the implementation of Hindi.

### CAPITAL EXPENDITURE

The total capital expenditure during the year amounted to a record Rs.7881 million. Since its take-over by the Government in 1976, BPC has incurred Rs.40804 million on capital expenditure, of which Rs.35917 was met out of internal resources.

Our efforts have been directed towards building infrastructure which will keep pace with the company's growth. The massive distribution network, painstakingly developed over the years, will remain our competitive strength in times to come. Over the next few years we plan to invest Rs.16000 million in strengthening our asset portfolio.

### **MAJOR PROJECTS IN PROGRESS**

### At the Refinery

Three existing utility boilers which were 35 years old are being replaced by modern high efficiency boilers at an estimated cost of Rs.320 million. This will result in improved efficiency of steam generation. One high efficiency boiler unit has already been commissioned in March, 1997. Work on other boilers is in progress.

### In Marketing

The Mumbai - Manmad Product Pipeline, a 18" diameter, 250 km long cross-country pipeline, for transportation of white oils from Mumbai to Manmad, with an estimated cost of Rs.3986 million, is progressing at a fast pace. Mechanical, electrical and instrumentation tenders for the Manmad terminal have been awarded. Work on the railway siding is in progress and the process package has been released. Site grading work in the tankage area has almost been completed. Structural steel fabrication and erection jobs are in progress. Mainline laying work has commenced in three sections. The project is expected to be completed by April 1998.

Additional product tankage with a capacity of 787,000 KL is under construction at 23 locations at an estimated cost of Rs.4360 million. Construction of a 22 TMTPA LPG Bottling Plant at Calcutta and a 10 TMTPA LPG Bottling Plant at Sultanpur in U.P. is at an advanced stage. These plants are expected to be commissioned during the current year. Project activities are also in progress for a 10 TMTPA LPG Bottling Plant at Raiganj in West Bengal. The estimated cost for these plants is Rs.390 million.

### MAJOR PROJECTS PLANNED

### Hydro De-sulphurisation Project

Hydro De-sulphurisation facilities are proposed to be put up at an estimated cost of Rs.6222 million, to reduce the sulphur content in HSD to a maximum of 0.25% by weight. The project is expected to be completed by March 1999.

### Product Terminal at the Central India Refinery, Bina, Madhya Pradesh

A product terminal is to be put up at Bina with associated facilities for pipeline, rail and road despatch of products that will be available from BPC's joint venture Bina Refinery. This project is estimated to cost Rs.4630 million and would be completed to synchronise with the completion of the Bina Refinery. Approval of the Government for the terminal is expected to be communicated shortly.



MUMBAI - MANMAD PIPELINE PROJECT

### New Jetty alongwith Coastal Installation at Jawaharlal Nehru Port Trust (JNPT)

The project envisages setting up of a new jetty alongwith a coastal installation with evacuation facilities by road/rail. The installation will have a total tankage of 100,000 KL on 20 hectares of Port land. The total cost of the project, is estimated at Rs.1400 million. The jetty and dock lines are to be jointly executed by BPC and IOC with

BPC as the lead company. A pre-feasibility report has been submitted to JNPT which is under consideration by Ministry of Surface Transport. This project is expected to be completed within 24 months from the date of approval.

### Additional Product tankages

New depots are envisaged at 35 locations with a total tankage of 424,000 KL at an estimated cost of Rs.4840 million.

### LPG Import Facilities at Paradeep

To meet the deficit in LPG demand during the IX Plan period, LPG import facilities are planned at Paradeep with a capacity of 600 TMTPA. 85 acres of land for the development of the LPG import terminal have been allotted. The project, estimated to cost Rs.1560 million, is expected to be completed within 42 months from the date of the Government approval.

### Jetty and coastal terminal at Mundra

The project envisages setting up of a deep draft jetty and a transit terminal at Mundra on the Gujarat coast. The terminal is proposed to be linked by a pipeline to the Kandla facilities for evacuation and transportation towards the North West. The project is being planned jointly with IOC. L&T has been retained for conducting a prefeasibility study on the above project.

### Jetty at Kandla

BPC has been allotted a jetty to be developed at Kandla to meet the liquid fuel requirement of Independent Power Producers. The cost of this project would be Rs. 400 million and it would be completed in 24 months. This is in addition to the conversion of the virtual jetty at Kandla to a permanent jetty, which will be jointly executed by IOC and BPC, with IOC as lead Company.

Apart from the jetty, BPC is also in the process of laying two dock lines with a diameter of 24" each at Kandla, which would facilitate faster turnaround of tankers. This project is slated to be completed by December 1997 at a total cost of Rs.600 million.

### Dock lines at Vizag and Chennai

BPC has already laid three dock lines from the jetty at Chennai to our Tondiarpet installation. Work for laying three dock lines from the jetty to our Vizag installation is fast progressing.

TO MEET THE DEFICIT
IN LPG DEMAND
DURING THE IX PLAN
PERIOD, LPG IMPORT
FACILITIES ARE
PLANNED AT PARADEEP
WITH A CAPACITY OF
600 TMTPA.

### Additional LPG tankage along the GAIL Pipeline

In view of GAIL's proposed LPG pipeline from Gujarat coast to Delhi, additional tankage would be put up during the IX Plan along the route of the pipeline at BPC's bottling plants at Hariyala, Jaipur, Piyala and Loni (Ghaziabad) at an estimated cost of Rs.1500 million.

### New LPG Plants under IX Plan

BPC will be developing 30 new LPG Bottling Plants and augmenting 6 existing LPG Bottling Plants, at an estimated cost of Rs.7580 million enhancing the bottling capacity by 758 TMTPA during the IX Plan period.

### JOINT VENTURES

### Refineries

BPC is building refineries, through the joint venture route. These refineries will add 16 MMTPA capacity in Bina, Numaligarh and Sultanpur. This increased capacity will help to address the current gap between our production and our marketing requirement.

### **Central India Refinery**

The 6 MMTPA joint venture Refinery being set up by Bharat Oman Refineries Ltd. (BORL), BPC's joint venture with the Oman Oil Company Ltd. (OOC) at Bina in Madhya Pradesh, with related crude oil import facilities at Vadinar in Gujarat, received Government approval in December 1995. The Refinery project is scheduled to be mechanically completed by November 2000. The estimated cost of the project is Rs.52770 million including a foreign exchange component of Rs.16860 million. BPC will be investing 26% of the equity which is estimated at Rs.5490 million, based on a debt: equity of 1.5: 1. The actual expenditure upto March 31, 1997 stood at approximately Rs.260 million. A major milestone was achieved in this project with the award of the Front End Engineering Design and Project Management Consultancy contract to Engineers India Limited with Parsons, UK as their sub-contractor. Surveyors for the oceanographic studies have already been selected. Jobs relating to the Right of Use / Right of Way for the cross country crude oil pipeline are progressing as per schedule. Efforts are

being made to obtain clearances for the Single Point Mooring (SPM) location from the Government of Gujarat. The draft report on risk assessment studies for the SPM location has been received from National Environmental Engineering Research Institute (NEERI).

### **Numaligarh Refinery**

Implementation of the project for setting up a 3 MMTPA Refinery at Numaligarh in Assam, by Numaligarh Refinery Ltd. (NRL), a joint venture with IBP Co. Ltd, and the Government of Assam, is progressing at a fast pace. The revised estimated cost of the project is Rs.24974 million (based on July 1996 prices).

The overall progress achieved (upto July 1997) is 70% with an actual expenditure of Rs.9200



NUMALIGARH REFINERY PROJECT

million out of the total commitment of Rs.14340 million. Civil works for all units are progressing steadily and mechanical contracts have also been awarded. Erection of equipment and piping works have been started. The project is expected to be mechanically completed within the target date of December 1998.

The Marketing Terminal for evacuating the products of the Numaligarh Refinery is also being undertaken by NRL at an estimated cost of Rs.2184 million, so as to achieve completion along with the Refinery in December 1998. BHARAT SHELL LIMITED

### MARKETS SHELL BRANDED LUBRICANTS

THROUGHOUT THE COUNTRY AND HAS

ACHIEVED A SIGNIFICANT MARKET

SHARE AMONGST THE NEW ENTRANTS IN THE

AUTOMOTIVE SECTOR.

### Uttar Pradesh Refinery

BPC proposes to set-up a 7 MMTPA grassroot Refinery in Uttar Pradesh. The project includes a Marketing Terminal and crude import facilities along the West Coast. The project is being executed through a joint venture with Shell at an estimated cost of Rs.70,700 million including a foreign exchange component of Rs.20,200 million.

The Government has accorded its approval for the foreign direct investment by Shell. Letter of Intent for setting up of the Refinery has also been received. The first stage approval of the project for preparation of Detailed Feasibility Report (DFR) along with other pre-project activities at an estimated cost of Rs.300 million (FE component of Rs.165 million) is in the final stages of consideration. NEERI has completed Rapid Environment Impact Appraisal and Risk Analysis Studies, including an exercise for site selection.

The project is scheduled to be mechanically completed within 42 months from the date of final approval of the DFR by the Government. Approval of the shareholders for the investment in the proposed joint venture Company will be sought on receipt of the final approval of the Government.

### OTHER JOINT VENTURES

### **Bharat Shell**

Bharat Shell Limited (BSL), a joint venture between BPC (49%) and Shell Overseas Investments B.V (51%) has an authorised capital of Rs. 2500 million. BSL markets Shell branded lubricants throughout the country and has achieved a significant market share amongst the new entrants in the automotive sector.

The company's state-of-the-art lubricants blending plant at Taloja, which was commissioned in December 1996, is now fully operational and has the capacity to produce 55,000 MTPA of industrial and automotive lubricants on a single shift basis.

BSL is also selling LPG to domestic and industrial consumers. It imports LPG using BPC's import facilities at Mumbai. However, in view of the severe congestion at the Mumbai Port and to cater to the growing demand of LPG, the company is setting up LPG import facilities at Pipavav in Gujarat with a capacity of 90,000 MTPA, at a cost of Rs.475 million. This facility is expected to be commissioned by June 1998.

BSL has received the approval of the Andhra Pradesh Government for setting up a hydrocarbon and chemicals jetty at the Kakinada Port along with an associated LPG import terminal having a capacity of about 180,000 MT per annum. It is expected that these facilities will be commissioned within 3 years of the completion of the detailed engineering.

BSL has taken on long lease cryogenic LPG import facilities at Ratnagiri in Maharashtra having a capacity of about 200,000 MT per annum. With the commissioning of these facilities, BSL will have a significant position in the downstream LPG market.

As at March 31, 1997, BSL has accumulated losses of Rs.225.17 million. In view of the intensely competitive nature of the business, substantial amounts have been spent by BSL towards sales promotion and advertisement. With the increase in sales of both lubricants and LPG, it is expected that BSL will generate profits during the current year.

### **Petronet India Limited**

In order to accord priority for developing and laying a network of petroleum product pipelines in the country, Petronet India Limited, a non-government, financial holding company, has been set up with 16% equity participation each by BPC, IOC, HPC and 2% by IBP. The balance 50% equity will be contributed by financial institutions, investment bankers, etc.

Petronet India Limited will construct and operate petroleum product pipelines in the country through its joint

ventures / subsidiaries. The current authorised capital of the company is Rs.1000 million. In the first phase, the company will construct and operate five pipeline projects through its joint ventures. BPC will be the lead oil company with Petronet India Limited for the construction and operation of Cochin-Karur and Bina-Jhansi-Kanpur pipeline projects.

### Petroleum Infrastructure Ltd.

Petroleum Infrastructure Limited (PIL), a joint venture with Gujarat Gas Company (GGCL) was formed as an infrastructure company to develop ports and port related infrastructure. BPC holds a 50% stake in this venture. The first port terminal for handling LPG was commissioned at Okha in Gujarat, in October 1996. During the year, PIL rendered import handling and storage assistance of 4250 MT of LPG under the Parallel Marketing Scheme. PIL is also undertaking a major project at Dahej for cryogenic storage of LPG and other petroleum products. PIL, which has recently started commercial operations had an accumulated loss of Rs.3.06 million at the end of the year.

### **LNG Import Facilities**

Natural Gas is the fuel of the future. Considering its potential, Gas Authority of India Limited (GAIL), Oil & Natural Gas Corporation Limited, Indian Oil Corporation Limited and BPC are floating a company to deal with Liquified Natural Gas (LNG). These four companies will hold 50% of the equity and the balance will be offered to financial institutions and other parties. BPC proposes to participate in the consortium with an equity participation of 12.5%.

PETRONET INDIA

LIMITED WILL

CONSTRUCT AND

OPERATE PETROLEUM

PRODUCT PIPELINES IN

THE COUNTRY

THROUGH ITS JOINT

VENTURES /

SUBSIDIARIES.

The new LNG company is expected to be formed shortly. Ennore, Kayamkulam in Kerala and Hazira have been identified for putting up LNG import facilities. The project is estimated to cost Rs.48,000 million, and at a debt: equity ratio of 2:1, BPC's contribution to the equity would be nearly Rs.2000 million.

### Delhi City Gas Distribution Project

BPC is in the process of forming a joint venture company with GAIL for implementing the Delhi City Gas Distribution Project for supply of Natural Gas to domestic and commercial customers. BPC and GAIL will each hold 25% of the equity of the joint venture company. The balance will be offered to the financial institutions and public.

### **AUDIT COMMITTEE**

As a measure of improved corporate governance and for adoption of best practices, an Audit Committee of the Board has been constituted during the period under review, comprising the part time Government Directors.

### NAVRATNA STATUS

BPC has been identified by the Government of India as one of the nine "Navratnas" - public sector companies that have competitive advantage and have the potential to become global giants. In order to support these companies in their efforts to become global players, the Government has decided to enhance autonomy and give greater powers to them. The Boards of these companies are to be restructured with non-official Directors. These steps will go a long way towards realisation of our vision. BPC is grateful to the Government for conferring it with the navratna status.

BPC HAS BEEN IDENTIFIED
BY THE GOVERNMENT OF
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POTENTIAL TO BECOME
GLOBAL GIANTS.

### **FUTURE OUTLOOK**

Industry and transport together account for 73% of the total energy consumption in India. The growth in these sectors presents excellent growth opportunities for BPC. Yet, each member of the BPC family realises that there are also numerous challenges. The opening up of the oil sector will rightly give the customer an ever increasing choice - and his decisions will become more and more discerning. Coping with the phenomenal growth while responding to the ever changing customer requirements is certainly a great challenge for BPC. Looking on from here, customer satisfaction will be the key driver of our future growth. BPC will continue to be focused on the retail market and will relentlessly endeavour to become the preferred company of choice for our consumers.

As a first step towards this goal, BPC has embarked on an ambitious exercise to build organisational capabilities, with the assistance of Arthur D. Little and ICICI. A core group of 30 managers from within BPC are working full time on this exercise and trying to find the right solutions. The ultimate aim of this exercise is to convert BPC into a learning organisation - one that improves faster than its present and potential competitors.

To start with, the shared vision was created reflecting the aspirations of BPC's employees, share holders and customers for the company and for themselves. A detailed assessment of the current realities has also been carried out, and ways and means of bridging the gaps between the current reality and the shared vision have been developed in the form of a change plan.

The exercise has already begun to trigger a culture of change and learning within the organisation and will surely build a more responsive BPC. The key initiatives taken up include a review of the structure of the Company so as

to bring about greater and undiverted focus on the different demands of various types of customers. The change plan also envisages sharpening of corporate and business strategies and identifies other areas for efficiency improvements. The implementation of the change plan is expected to spread over the next year and a half.

BPC looks forward to the future years with a great sense of confidence, determination and expectation bolstered by the knowledge that we will reap the rewards of having anticipated the change. The next millennium is just round the corner and the Directors are sure that BPC will be ready to meet it head on.

DIRECTORS

During the year, Shri Ashok Sinha, Executive Director (Corporate Affairs) was appointed as Additional Director under Article 77A of BPC's Articles of Association effective November 22, 1996. Shri Sinha also assumed the office of Director (Finance) from that date in pursuance of his appointment by the President of India under Article 77(1)(d) of BPC's Articles of Association.

Shri Shanti Narain, resigned as Director, effective April 24, 1997. The Directors have placed on record their appreciation of the valuable services rendered by Shri Shanti Narain during his tenure on the Board of BPC.

Shri K.V. Rao, Joint Secretary (Ports), Ministry of Surface Transport was appointed as Additional Director under Article 77A of BPC's Articles of Association effective April 25, 1997.

Shri Ashok Sinha and Shri K.V. Rao having been appointed as Additional Directors, hold their offices till the ensuing Annual General Meeting and are eligible for re-appointment as Directors at the said Meeting. As per provisions of Section 256 of the Companies Act, 1956, two Directors viz., Shri Devi Dayal and Shri V.K. Raina, will retire by rotation at the ensuing Annual General Meeting and are eligible for re-appointment as Directors at the said Meeting.

### **AUDITORS**

On the advice of the Comptroller and Auditor General of India, Messrs Dalal Desai and Kumana and Messrs Borkar & Muzumdar, Chartered Accountants, Mumbai, were appointed by the Government of India as auditors for the year 1996-97 under Section 619(2) of the Companies Act, 1956. They will hold office till the ensuing Annual General Meeting. The Government of India will be approached for the appointment of Auditors for the year 1997-98.

THE KEY INITIATIVES
TAKEN UP BY BPC
INCLUDE A REVIEW OF
THE STRUCTURE OF THE
COMPANY SO AS TO BRING
ABOUT GREATER AND
UNDIVERTED FOCUS ON
THE DIFFERENT DEMANDS
OF VARIOUS TYPES OF
CUSTOMERS

### **ACKNOWLEDGEMENTS**

BPC's performance reflects the spirit and commitment of the employees who gave BPC their whole hearted support during the year. To each of them, the Directors express their heartfelt gratitude.

The employees of BPC join the Directors in conveying their gratitude to the company's dealers and distributors, to our contractors and suppliers and above all to BPC's valued customers.

The Directors gratefully acknowledge the guidance and support received from the Government, particularly from the Ministry of Petroleum & Natural Gas.

For and on behalf of the Board of Directors

Sd/-

Mumbai August 29, 1997

(U. Sundararajan) Chairman & Managing Director

# FORM A

Pov	er & Fi	uel Consumption	1996/97	1995/90
1.		tricity		
	a.	Purchase		
		Unit Million KWH	7.63	10.8
		Total Amount(Rs. million) *	60.19	75.1
		Rate/Unit (Rs./KWH)	7.88	6.9
	b.	Own Generation		
		(i) Through Diesel Generator Units	Nil	N
		per It. of Diesel (cost/unit)		
		(ii) Through Steam Turbine/	1.09	2.7
		Generator Units Million KWH @		
		(iii) Captive Power Plant		
		Power Generation Units -	209.85	186.0
		Net (Million KWH)		
		Fuel Consumption Qty-(MT)		
		BHAG	59099	7012
		Gas Oil	8248	367
		Ref. Gas	15037	705
		Cost/Unit (Rs./KWH) #	1.04	1.1
	2.	Coal	Nil	N
	3.	Furnace Oil / Liquid Fuel		
		LSHS Qty - MT	154814	17077
		Total Amount (Rs. million)	250.23	276.0
		Avg. Rate (Rs. / Unit)	1616.34	1616.3
		Gas Oil Qty MT	8248	367
		Total Amount Rs. million	23.03	10.2
		Avg. Rate (Rs./Unit)	2791.87	2791.8
	4.	Other Internal Generation		
		Refinery Gas Qty-(MT)	96880	8753
		Total cost (Rs. million)	183.11	165.4
		Rate (Rs./Unit)	1890.02	1890.0
		BHAG Qty-(MT) + +	24	434
		Total Cost (Rs. million)	0.07	12.5
		Rate( Rs./Unit)	2944.64	2884.5

- Variation in expenditure on electricity purchased is due to saving in demand charges arising out of reduction in peak demand quantity from 21120 KVA in January, 1996 to 13095 KVA w.e.f. September, 1996 (Rs.13.83 million) which was partially offset by increase in demand charges from Rs.185/- per KVA to Rs. 260/- w.e.f. November, 1996 (Rs. 4.91 million). Further, reduction in energy charges is due to lower quantity of power purchased amounting to Rs. 6.27 million.
- Cost per unit of power generation through steam turbine / generator (TG set in FCCU which is an integral part of the unit) is not applicable as the power produced is a by-product of steam generated from a waste heat boiler.
- Reduction in CPP cost per unit is mainly due to improved capacity utilisation.
- Excludes BHAG quantity of 59099 MT in 1996/97 and 70122 MT in 1995/96 for CPP.
- В Energy Consumption per unit of crude processed

	Unit	Stds.	1996/97	1995/96
		if any		
		**		
Electricity	Kg/mt		6.56	6.16
Furnace Oil / LSHS	Kg/mt		20.48	23.22
Coal			N.A.	N.A.
Refinery Gas (Excluding CPP)	Kg/mt		12.82	11.90
BHAG (Excluding CPP)	Kg/mt		0.003	0.59
Total ***	Kg/mt		39.86	41.87

- The product pattern of Refinery is governed by supply / demand scenario of products and Govt. Directives. It is also a function of quantity / type of crude processed, planned shutdown of processing units for maintenance / inspection and severity of operations of processing units which varies widely.
  - In view of the above, no fixed consumption parameter can be attributed to a particular product.
- Energy consumption per unit of crude processed during 1996/97 is lower than 1995/96 due to sustained operation and higher on-stream factor of processing units.

# FORM B

Form for disclosure of particulars with respect to absorption

## RESEARCH & DEVELOPMENT (R&D)

## 1. Specific areas in which R & D carried out by Company:

#### A. REFINERY

- Development of catalyst for sweetening of finished products (LPG, Gasoline, Aviation Turbine Fuel) to meet BIS specifications in collaboration with M/s. IIP, Dehradun.
- Research projects are in progress with Indian Institute of Petroleum (IIP), Dehradun and National Chemical Laboratory (NCL) Pune mainly aimed at improving production of aromatics.
- c. Technical study for the health assessment and rehabilitation of old RCC structures of the process plants was undertaken. Recommendations for life enhancement of structures are being implemented in phases.
- d. Technical study for ascertaining the behaviour of LPG storage sphere with respect to dynamic defect was undertaken through M/s. NML, Jamshedpur. This has confirmed absence of dynamic defects in the parent material during the life cycle of the sphere.

#### B. MARKETING

Corporation has developed the following oils:

- Mercedes Benz, Germany approved Bharat Spirol XHD and Bharat Spirol XEP
- b) High Performance Compressor Oil.
- c) Genuine Oil for 2 major OEMs.
- d) Multifunctional fuel additive, Bharat Keep Clean.
- e) Rubber Processing Oil, Bharat Rubbex A.
- f) Bajaj Bharat Autochamp and Bajaj Bharat Super 2T Ef Ce.

#### 2. Benefits derived as a result of the above R & D :

## A. REFINERY

The benefits will be evaluated after completion of the studies / programme.

#### B. MARKETING

Benefits are given in seriation below:

- The first Indian company to receive approvals from Mercedes Benz and these oils will have easy acceptance from Multinational vehicle manufacturers.
- This oil is expected to double the drain interval and extend equipment life thereby conserving precious lubricating oil.

- These grades have high business potential and have the capability to prolong the existing oil drain intervals.
- It is expected to keep entire fuel system including Combustion chamber clean from deposits resulting into reduced emissions and improved fuel economy.
- It has large business potential and is expected to help in increasing the market participation. e)
- These environment friendly low smoke two stroke oils are expected to substantially reduce f) visible exhaust smoke emissions.

#### Future plan of action:

## REFINERY

- a. Plan for setting up an R&D centre for the Corporation.
- b. Bench scale investigation to determine feasibility of production of suitable feed-stocks for micro crystalline waxes/bitumen and additional feedstock for Fluid Catalytic Cracking Unit from Bombay High Short Residue.
- Study on development of superior reactor internals for Bitumen blowing reactor to produce better grades of bitumen.

#### B. MARKETING

as a % of total turnover

Corporation has taken up development of the following oils:

- High performance gasoline Engine Oil meeting API SJ Specification.
- b) EP type Soluble Cutting Oil .
- c) High Performance Grease.
- Partially Synthetic 2T Oils meeting proposed ISO specifications. d)
- e) Marine Engine Oils.
- f) Customer specific products for major OEMs.
- Lubricants for Railways & Defence.

4.	Expenditure on R & D during 1996/97:			(Rs. in Million)
		REFINERY	MARKETING	TOTAL
	Capital Expenditure	NIL	3.814	3.814
	Recurring Expenditure	4.628	10.959	15.587
	Total	4.628	14.773	19.401
	Total R & D Expenditure	Negligible	Negligible	

#### TECHNOLOGY ABSORPTION, ADAPTATION AND INNOVATION

#### A. AT REFINERY

- 1. Efforts, in brief, made towards technology absorption, adaptation and innovation :
  - a. BPCL Refinery is implementing a project for reduction of Sulphur content in High Speed Diesel (HSD) fuel from 1% wt. 'S' to 0.25% wt. 'S' in line with Government directive. Refinery has tied up the following foreign technologies for the project:
  - Hydro-desulphurisation technology from M/s. Universal Oil Products (UOP), USA
  - Technology for production of Hydrogen from M/s. Halder Topsoe , Denmark and
  - Maximum Claus Recovery Concept (MCRC) technology for enhanced recovery of sulphur from M/s. Delta Hudson, Canada through M/s. Engineers India Limited (EIL).
  - Two new catalysts have been tried for yield improvement in Fluid Catalytic Cracking Unit and Catalytic Cracking Unit.
  - A non-hydrocarbon type corrosion inhibitor was identified for reducing corrosion of the overhead system in Sour Water Stripper and trial for the same are under progress.
  - d. To replace chlorine by an environment friendly alternative chemical, a new biocide was identified and successfully tried on experimental basis in sea cooling water system.
- Benefits derived as a result of the above efforts, e.g. product improvement, cost reduction, product development, import substitution etc.:

Benefits derived as a result of above efforts are given seriatim:

- Reduced vehicular / refinery emissions will be realised on implementation of the project.
- b. The usage of new catalyst is expected to improve the yield of Fluid Catalytic Cracking Unit (FCCU) and Catalytic Cracking Unit (CCU).
- The corrosion inhibator is expected to provide improved protection against corrosion and increased life of equipments.
- d. The chemical has improved performance of Sea Cooling Water system and associated benefit of reduced hazard from chlorine usage.
- 3. In case of imported technology (imported during last five years reckoned from the beginning of the financial year), following information may be furnished:
  - a. Technology imported:
  - Dynamic Matrix Control (DMC) Technology from M/s. DMCC, USA for Advance Control and Optimisation in one of the Secondary Processing Units.
  - Bimetallic catalyst (from M/s. Procatalyse France) and single plate type heat exchanger (from M/s. Packinox, France) in Catalytic Reforming Unit (CRU).

- iii. Conversion of dense bed cracker to riser cracker in one of the Catalytic Cracking Units with technology from M/s. Shell International Oil Products B.V., Netherlands (SIOP).
- iv. Production of Methyl Tertiary Butyl Ether (MTBE) using technology from M/s. Snamprogetti, Italy.
- b) Year of import:
  - i. Dynamic Matrix Control Technology: 1993
  - ii. Bimetallic Catalyst and plate type : 1994 Heat exchanger in CRU
  - iii. Conversion of dense bed cracker to: 1995 riser cracker.
  - iv. MTBE Process Technology : 1996
- c. Has technology been fully absorbed?

Yes

d. If not fully absorbed areas where this has not taken place, reasons therefore and future plans of action :

Not applicable

## B. MARKETING

The Corporation is involved in R & D with respect to the formulation of lubricants and at no stage, Technology absorption is involved. Hence the items 1,2 and 3 in the above title are not applicable to Marketing.

## **Annexure to the Directors' Report**

# Review of the accounts of Bharat Petroleum Corporation Ltd. For the year ended 31st March 1997, by the Comptroller and Auditor General of India

Note: Review of accounts has been prepared without taking into account comments under Section 619(4) of the Companies Act, 1956 and qualifications in the Statutory Auditors' Report.

#### 1. Financial Position

The table below summarises the financial position of the Company under broad headings for the last three years:

				(Rs. in million)
		1994-95	1995-96	1996-97
LIABI	ILITIES			
(a) I	Paid Up Capital	1500.00	1500.00	1500.00
(	(i) Government	993.00	993.00	993.00
(	(ii) Others	507.00	507.00	507.00
(b) I	Reserves & Surplus			
(	(i) Free Reserves & Surplus	12447.26	15810.01	19341.48
(	(ii) Share Premium Account	Nil	Nil	Nil
(	(iii) Capital Reserve	7.99	7.99	7.99
(c) I	Borrowings			
(	(i) From Government of India *	389.41	327.98	266.55
(	(ii) From Financial Institutions	Nil	Nil	Nil
(	(iii) Foreign Currency Loans	70.13	50.71	26.68
(	(iv) Cash Credit	527.25	1804.86	3316.22
(	(v) Others	3088.89	3057.42	9992.50
(	(vi) Interest accrued and due	2.36	2.82	6.18
(d) (	(i) Current Liabilities & Provisions	13805.78	15640.69	19264.30
(	(ii) Provision for retirement benefits	17.29	425.69	524.64
TOTA	AL	31856.36	38628.17	54246.54

<sup>\*</sup> Relending of World Bank Loan.

				(Rs. in million)
		1994-95	1995-96	1996-97
ASS	ETS			
(e)	Gross Block	24943.85	29748.60	34664.52
(f)	Less : Cumulative Depreciation	12452.47	14562.05	16728.57
(g)	Net Block	12491.38	15186.55	17935.95
(h)	Capital Work-in-progress	2963.12	2753.61	4826.38
(i)	Investments	2422.89	1657.98	2447.99
(j)	Current Assets, Loans & Advances			
	(i) Inventories	5681.53	6289.80	7835.58
	(ii) Sundry Debtors	3806.77	4312.23	5166.50
	(iii) Cash & Bank Balances	2012.68	2286.36	2429.36
	(iv) Loans & Advances	2450.08	6121.89	13583.33
	(v) Other Current Assets	27.91	19.75	21.45
		13978.97	19030.03	29036.22
(k)	Misc. expenditure not written off	Nil	Nil	Nil
(l)	Accumulated loss	Nil	Nil	Nil
TOT	AL	31856.36	38628.17	54246.54
(m)	Working Capital [j-d(i)-c(vi)]	170.83	3386.52	9765.74
(n)	Capital Employed (g+m)	12662.21	18573.07	27701.69
(0)	Net Worth [a+b(i)+b(ii)-k-l]	13947.26	17310.01	20841.48
(p)	Networth per Rupee of paid up capital (in Rs.)	9.30	11.54	13.89
2.	Ratio Analysis			
	Some important financial ratios on the financial health a	nd working of the Company a	t the end of last 3 years	s are as under:
	<i>y</i>			(in Percentage)
		1994-95	1995-96	1996-97
A.	Liquidity Ratio			
	i) Current Ratio [ j / (d(i) + c(vi) ]	101.24	121.65	150.68
	ii) Current assets to total net assets	43.88	49.26	53.53
	iii) Working capital to capital employed	1.35	18.23	35.25

#### B. Debt Equity Ratio

C.

[c(i	i to v but excluding short term loans)/o]	20.53	13.39	35.33
Pro	ofitability Ratios			
a)	Profit before tax to			
	i) Capital employed	36.16	35.15	24.17
	ii) Net Worth	32.83	37.71	32.13
	iii) Sales including excise duty	5.65	7.05	6.34
b)	Profit after tax to Equity (o) excluding	20.71	22.29	19.56
	dividend tax			
c)	Earnings per share (in Rupees)	19.26	25.72	27.17

## 3. Reserves & Surplus

The reserves and surplus of the Company were 13 times its paid up capital as on 31st March, 1997 as against 11 times as on 31st March, 1996 and 8 times as on 31st March, 1995.

## 4. Investments

The Company's investments have increased from Rs.1657.98 million as at the end of 31st March, 1996 to 2447.99 million as at the end of 31st March, 1997. The increase is mainly due to increase in investment in Joint Venture Companies by Rs.790.01 million.

During the year, the Company earned the following yields on its short-term placement of surplus funds:

Particulars	Duration	Yield
Inter Corporate Deposit	1 Day	10 % to 12 %
Bonds	365 days	9.75% to 10.50%
Treasury Bills	8 to 53 Days	8.06% to 13.78%
Certificate of Deposits with Banks	13 Days	13 %

As against weighted average cost of borrowings of 15.12% (8.62% post tax), the weighted average yield on investments during the year was 15.06% (8.58% post tax).

#### 5. Sources and Utilisation of Funds

Funds amounting to Rs.14807.14 million from internal and external sources were realised as well as utilised during the year as per details given below:

		(Rs. in million)
Sources of Funds		
Funds generated from operation :		
Profit after tax including dividend tax	4026.47	
Add : Depreciation	2250.66	
Less: Profit on sale/write off of fixed assets	4.03	6273.10
Sale/write off of fixed assets		173.06
Increase in loan funds		8360.98
TOTAL		14807.14
Utilisation of Funds		
Addition to fixed assets/ capital work in progress		7241.86
Increase in Investments		790.01
Increase in working capital :		
Increase in current assets, loans and advances	10006.19	
Less: Increase in current liabilities and provisions (excluding provision for dividend)	3724.10	6282.09
Dividend paid		493.18
TOTAL		14807.14

## 6. Working Capital

The working capital of the Company as on 31st March, 1995, 1996 and 1997 was Rs.170.83 million, Rs.3386.52 million and Rs.9765.74 million respectively. The increase in working capital during the current year was mainly due to increase in Inventories and Loans & Advances.

## 7. Working Results

The working results of the Company during the last three years are given below:

				(Rs. in million)
		1994-95	1995-96	1996-97
a)	Net Sales(excluding excise duty)	75855.26	87964.58	96262.66
b)	Profit before tax	4578.48	6527.75	6695.97
c)	Profit after tax excluding dividend tax	2888.48	3857.75	4075.97

Profit for the current year includes an amount of Rs.1780.30 million on account of margin updation and other claims relating to previous years.

Similar claims were Rs.2043.50 million in 1995-96 and Rs.1281.52 million in 1994-95.

The profit before tax has gone up by Rs.168.22 million, mainly due to higher margins consequent to higher sales and increase in other pool claims.

Overall growth rate of sales volume for 1996-97 was 6.81 percent as against 11.7 percent during 1995-96.

#### 8. Inventory

The inventory position as at the end of last three years is as follows:

	,			(Rs. in million)
		1994-95	1995-96	1996-97
i)	Raw Materials	1255.04	1206.17	1150.15
ii)	Stores & Spares (including in transit)	888.50	992.85	905.18
iii)	Stock-in-Process	87.15	45.93	81.12
iv)	Finished Goods	. 3278.04	3865.47	5478.76
v)	Packages	172.80	179.38	220.37

- a) The stock of raw materials at the close of each year was equivalent to about 0.7 month's consumption in 1996-97 as against 0.8 month's in 1995-96 and 0.8 month's in 1994-95.
- b) The stores and spares (including packages) at the end of 1996-97 represented 8.2 months' consumption as against 9.3 months' in 1995-96 and 8.2 months' in 1994-95.
- c) Finished Goods at the end of the year amounted to about 0.6 month's sales during 1996-97 as against 0.5 month's in 1995-96 and 0.5 month's in 1994-95.

#### 9. Sundry Debtors

a) The position of sundry debtors for the last three years ending 31st March, 1997 is as follows:

Year	Sundry Debtors (Rs. in million)	Debts considered doubtful & provided for (Rs. in million)	Percentage of Debtors to Sales (including excise duty)
1994-95	3906.19	99.42	4.82
1995-96	4455.73	143.50	4.82
1996-97	5424.15	257.65	5.14

b) The following table indicates the debts outstanding for more than one year as on 31st March, 1997.

(Rs. in Million)

			(110. 111 111111011)
		Government Department/ Undertakings	Others
(i)	Debts outstanding for more than one year but less than two years	274.37	160.64
(ii)	Debts outstanding for more than two years but less than three years	73.02	95.17
(iii)	Debts outstanding for three years and more.	147.05	117.78
		494.44	373.59

## 10. Dues from Oil Co-ordination Committee (OCC)

As of March 1997, the Company has to receive an amount of Rs.9631.85 million from OCC towards various pool claims. The yearwise claims outstanding is as under:

(Rs. in million)

	Claim	Interest	Total amount
1994-95	(1727.13)	85.88	(1641.25)
1995-96	2861.48	218.45	3079.93
1996-97	9012.44	619.41	9631.85

The non-settlement of claims by OCC forced the Company to borrow from banks for working capital and for other project payments. The weighted average cost of borrowings worked out to 15.12% (pre-tax) as against 10.5% allowed by OCC on the outstanding amount.

#### 11. Dividend

The Company has proposed a dividend of 33 per cent for the year 1996-97, which corresponds the level of dividend paid for 1995-96 and 1994-95. The dividend payout ratio, calculated as a percentage of total dividend paid / proposed to profit after tax during the last three years ending 31st March, 1997 was 17.10, 12.8 and 13.36 respectively.

Sd/-(Sanjeev Saluja)

Mumbai 19th August, 1997 Principal Director of Commercial Audit & Ex-officio Member, Audit Board II

# **Addendum to the Directors' Report**

COMMENTS OF THE COMPTROLLER & AUDITOR GENERAL OF INDIA UNDER SECTION 619(4) OF THE COMPANIES ACT, 1956 ON THE ACCOUNTS OF BHARAT PETROLEUM CORPORATION LIMITED, MUMBAI FOR THE YEAR ENDED 31ST MARCH, 1997.

#### **ADDENDUM**

The Directors have received the comments of the Comptroller and Auditor General of India under Section 619(4) of the Companies Act, 1956 on the Annual Accounts for the year ended 31st March, 1997 vide letter no.D30\BPCL\ACC\ cmdlet.doc\94 dated 19th August, 1997. The reply of the Board of Directors is as under.

REPLY

#### COMMENT

#### Balance Sheet

## Application of Funds:

## Capital Work in Progress (Schedule-E) (Rs.4826.38 million)

 This is overstated by Rs. 40 million representing the amount considered payable since 1990-91 for purchase of a plot of land adjacent to the Company's Mumbai Refinery. There is neither a legal agreement for its purchase nor has the Company started land acquisition proceedings. Noted. Necessary action as appropriate will be taken during the

#### Current Assets, Loans & Advances:

## Sundry Debtors (Schedule - H) (Rs.5166.50 million)

- This includes an aggregate amount of Rs.343.80 million due from M/s.Reliance Industries Limited (RIL) accumulated since 1992 on account of price revision and processing charges in respect of Special Cut Naphtha and differential rate for the supply of Furnace Oil. The claim is under arbitration. This fact has not been disclosed.
- The extent to which payments aggregating Rs. 38940.54
  million received from various customers have been
  reconciled against the recoverable amount of Rs. 43040.13
  million as at the close of 1996-97 has not been indicated.

Noted. The amounts are receivable under the subsisting contractual arrangements. The Corporation expects to recover the dues for the inter-regnum period, as M/s. RIL has already started paying from July 1996, as per the said arrangements.

The Corporation follows an 'Open Item System' with regard to recording transaction-wise details in the customer accounts. The matching and clearance of open items is an ongoing process and are not likely to have any material impact on the customer outstandings. As such no disclosure is being made.

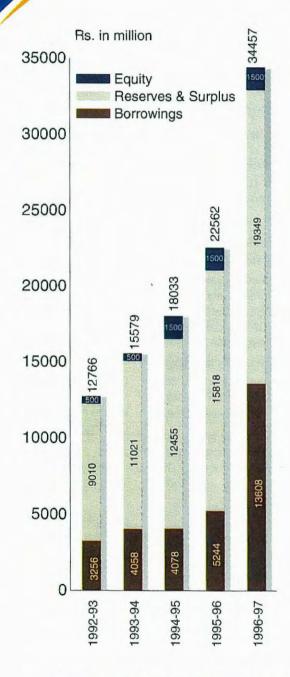
For and on behalf of the Board of Directors

Sd/-SANJEEV SALUJA Principal Director of Commercial Audit & Ex-officio Member, Audit Board-II

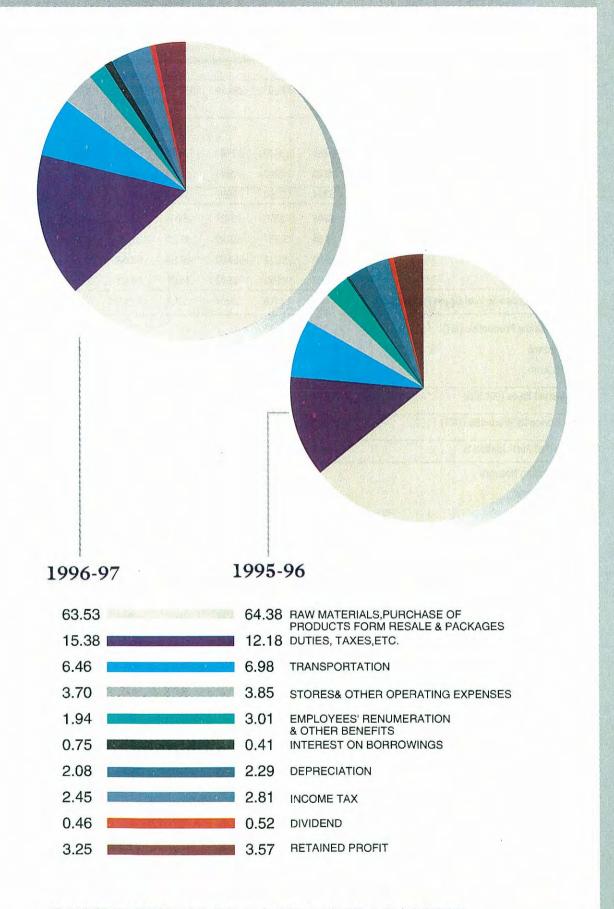
Mumbai 19th August, 1997 Sd/-**U. SUNDARARAJAN**Chairman & Managing Director

Mumbai 29th August, 1997

year 1997-98.



TOTAL FUNDS EMPLOYED



# DISTRIBUTION OF EACH RUPEE EARNED

## **Performance Profile**

			1996-97	1995-96	1994-95	1993-94	1992-93	1991-92	1990-91	1989-90
	Cruc	de Oil Processed (000 Tonnes)								
	Impo	orted	1486	1110	1891	2610	2685	2062	1397	1008
	Indig	genous	6108	6240	5491	4596	4550	4900	5514	6024
	TOT	AL	7594	7350	7382	7206	7235	6962	6911	7032
2.	Proc	duction Quantity (000 KL)	8986	8816	8788	8644	8653	8372	8329	8525
	Light	t Distillates %	32.54	33.27	32.29	31.20	31.49	32.29	30.87	31.09
	Midd	dle Distillates %	55.23	54.74	54.62	53.59	53.88	54.95	55.70	57.07
	Heav	vy Ends %	12.23	11.99	13.09	15.21	14.63	12.76	13.43	11.84
3.	Fuel	and Loss as % of Crude Processed	4.8	5.6	5.4	4.7	4.2	4.2	4.5	4.5
1.	Aron	matics Production (MT)								
	Benz	zene	81533	60575	57511	22037	56612	69564	68426	56499
	Tolu	ene	20689	13182	13437	7047	11070	9048	10877	8843
5.	Mari	ket Sales (000 KL)	20115	18731	16740	15306	14443	13551	13101	12836
6.	Lub	ricants Production (MT)	69164	67876	66681	74154	82911	95091	87459	94672
7.	Mar	ket Participation %	20.4	20.3	20.2	20.0	19.5	18.8	18.9	18.9
8.	Mar	keting Network								
	Insta	allations	16	16	16	16	14	12	10	10
	Dep	ots	131	122	118	117	98	94	83	78
	Avia	ation Service Stations	16	16	16	14	14	13	13	13
	Tota	l Tankages (Million KL)	1.81	1.62	1.57	1.52	1.37	1.17	1.01	0.91
	Reta	ail Outlets	4373	4312	4214	4090	4040	4005	3965	3894
	Nun	nber of LPG Bottling Plants	19	18	16	16	15	15	15	15
	LPG	G Distributors	1146	1062	948	866	816	793	767	740
	LPG	Customers (No. Million)	6.93	6.02	5.37	4.78	4.35	4.05	3,77	3.61
9.	Mar	npower (Nos.)	11704	11499	11207	11299	11167	11158	11029	10616
10.	Sale	es and Earnings (Figures in Rs. Million)								
	i)	Sales and Other Income *	181452	150234	133863	115203	102349	88828	73951	60816
	ii)	Gross Profit before								
		Depreciation, Interest & Tax	9775	9101	7618	5456	4735	4028	3488	3010
	iii)	Depreciation	2258	2179	2603	1365	1431	1031	961	1030
	iv)	Interest	821	394	437	467	383	442	372	314
	v)	Profit before Tax	6696	6528	4578	3624	2921	2555	2155	1666
	vi)	Tax	2370	2670	1690	1470	1220	1070	877	440
	vii)	Profit after Tax	4326 #	3858	2888	2154	1701	1485	1278	1226

1970	1977-78 5 Months)		1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89
3596	3826	1840	1301	1268	904	1384	468	175	67	105	1204	623
159	1803	2866	3540	3603	4090	3093	4829	5279	6311	5467	5352	5535
375	5629	4706	4841	4871	4994	4477	5297	5454	6378	5572	6556	6158
431	6516	5562	5750	5769	5962	5305	6427	6619	7574	6667	7858	7367
19.9	19.77	21.68	21.91	22.22	24.76	22.25	25.77	25.75	28.08	27.78	27.83	29.29
55.9	55.33	57.86	56.74	55.66	53.06	51.36	55.21	54.36	59.35	60.39	59.38	60.12
24.1	24.90	20.46	21.35	22.12	22.18	26.39	19.02	19.89	12.57	11.83	12.79	10.59
5.	5.2	5.0	4.7	4.9	4.8	4.7	4.4	4.5	6.2	5.8	5.6	5.6
	0	0	0	0	0	0	0	0	20112	18603	45928	59624
	0	0	0	0	0	0	0	0	4455	4948	8414	7494
451	6483	5781	6136	6473	6541	7124	7711	8789	9410	9899	10720	11720
4093	57508	55074	56831	60813	55475	66153	63872	69425	72414	74763	84691	92725
15.	16.4	16.3	16.7	17.2	16.4	16.8	17.5	18.3	18.7	18.3	18.5	18.7
10.	10.4		10.7	11,2	10.4	10.0	17.0	10.0	10.7	10.0	10.0	10.7
3	5	5	5	7	8	8	8	8	8	9	9	10
6	61	61	61	57	59	59	56	60	62	65	69	69
	2	3	3	3	3	4	7	8	8	9	11	12
0.6	0.61	0.63	0.63	0.66	0.67	0.68	0.63	0.66	0.67	0.75	0.74	0.87
318	3271	3281	3302	3311	3317	3350	3410	3486	3567	3663	3741	3822
	-	•	-	-	1	1	1	2	2	4	8	14
9	128	138	143	154	163	264	315	409	518	616	651	704
0.4	0.51	0.56	0.58	0.59	0.83	1.19	1.61	1.96	2.32	2.70	3.03	3.31
484	4956	5212	5452	5808	6403	6971	7433	7894	8321	9397	10203	10578
672	9055	8284	10727	15124	18516	20563	23326	26642	31650	44878	50797	54762
10	241	294	330	394	485	550	749	930	1772	1843	1903	2424
2	19	45	77	125	122	154	424	533	776	816	635	789
	16	3	5	38	67	96	133	189	307	342	338	334
1	206	246	248	231	296	300	192	208	689	685	930	1301
						165	35	70	76	82	150	258
4	127	159	139	127	155	100	0.0	10	10	02	130	200

# Performance Profile (Contd.)

			1996-97	1995-96	1994-95	1993-94	1992-93	1991-92	1990-91	1989-90	
11.	What	t the Company Owned (Rs. Million) Gross Fixed Assets (including Capital Work-in-Progress)	39491	32502	27907	23685	20566	17525	15234	13246	
	.,	Net Fixed Assets (including Capital Work-in-Progress)	22762	17940	15455	13741	11928	10237	8940	7873	
	,	Net Current Assets (including Investments)	11695	4622	2578	1838	839	1238	1139	802	
		Total Assets Net (ii + iii)	34457	22562	18033	15579	12767	11475	10079	8675	
12.		t the Company Owed (Rs. Million) Share Capital	1500	1500	1500	500	500	500	500	500	
	ii)	Reserves and Surplus	19349	15818	12455	11021	9010	7475	6140	4962	
	iii)	Net Worth (i + ii)	20849	17318	13955	11521	9510	7975	6640	5462	
	iv)	Borrowings	13608	5244	4078	4058	3257	3500	3439	3213	
		Total Funds Employed (iii + iv)	34457	22562	18033	15579	12767	11475	10079	8675	
13.	Inter	nal Generation (Rs. Million)	5782	5544	5032	3376	2967	2366	2139	2154	
14.	Valu	e Added (Rs. Million)	20657	19555	15622	9261	8886	7863	6820	4813	
15.	Earn	ings in Foreign Exchange (Rs. Million)	4172	3610	2724	2362	2042	1600	1971	1361	
16.	Rationi)	Gross Profit before Depreciation, Interest & Tax as % age of Sales and Other Income Profit after Tax as % age of	9.1	9.6	9.3	8.4	7.8	7.0	6.6	6.1	
	iii)	average Net Worth Profit after Tax as % age of	22.7	24.7	22.7	20.5	19.5	20.3	21.1	25.0	
	iv)	Share Capital Average Net Worth as % age of	288.4	257.2	192.6	430.8	340.1	296.9	255.6	245.1	
	,	Share Capital	1272.2	1042.4	849.2	2103.1	1748.5	1461.5	1210.2	979.8	
	v)	Gross Profit before Depreciation, Interest & Tax as % age of Capital Employed	33.0	45.9	50.6	43.1	47.8	44.1	46.5	45.5	
	vi)	Profit before Tax as % age of Capital Employed	22.6	33.0	30.4	28.6	29.5	28.0	28.7	25.2	
	vii)	Profit after Tax as % age of Capital Employed	14.6	19.5	19.2	17.0	17.2	16.3	17.0	18.5	
	viii)	Debt Equity Ratio	0.7	0.3	0.3	0.4	0.3	0.4	0.5	0.6	
17.	Earr	ning per Share (Rupees) Pre-Bonus	86.52 #	77.16	57.77	43.08	34.01	29.69	25.56	24.51	
		Post-Bonus	28.84 #	25.72	19.26						
18.	Boo	k Value per Share (Rupees)	139.00	115.45	93.04	230.42	190.21	159.49	132.80	109.24	

<sup>#</sup> Before adjusting prior period tax of Rs. 250 million.

	8-89	1987-88	1986-87	1985-86	1984-85	1983-84	1982-83	1981-82	1980-81	1979-80		1977-78 15 Months)	1976
11	1224	9549	7518	6005	4947	3452	2092	1346	963	738	581	500	461
6	832	5991	4276	3596	3292	2285	1337	736	471	366	282	246	226
	314	142	908	1093	583	729	558	696	869	267	216	362	259
7	146	6133	5184	4689	3875	3014	1895	1432	1340	633	498	608	485
	279	279	279	279	166	166	145	145	145	145	145	145	145
4	1057	3070	2062	1496	1035	919	758	619	498	411	319	250	190
4	1336	3349	2341	1775	1201	1085	903	764	643	556	464	395	335
2	2810	2784	2843	2914	2674	1929	992	668	697	77	34	213	150
7	146	6133	5184	4689	3875	3014	1895	1432	1340	633	498	608	485
1	855	1358	1425	1350	650	585	294	243	212	168	115	79	.26
4	1994	3873	3405	2922	2235	1865	1297	1123	1008	838	763	714	28
1	199	1100	1156	1030	877	750	771	742	1	0	34	3	22
	5.5	4.7	5.2	7.5	4.3	4.0	3.2	3.2	3.2	3.5	3.8	3.0	1.8
2	28.4	26.7	29.3	41.2	12.1	15.7	16.2	20.0	17.4	19.1	20.1	21.5	6.3
39	91.7	273.0	216.7	220.2	83.3	94.5	92.6	96.8	71.8	67.2	59.6	54.1	11.8
137	79.7	1021.5	738.9	534.3	689.8	599.9	573.1	483.7	412.4	350.9	295.7	251.2	170.
4	44.3	48.4	51.1	49.0	37.5	53.7	51.8	43.8	33.5	65.9	69.7	41.6	21.8
2	23.8	23.7	19.0	19.0	8.4	13.7	28.2	26.7	19.7	49.6	58.2	35.6	12.
	19.9	19.4	16.7	16.9	5.6	11.2	12.7	12.7	8.9	19.5	20.5	13.6	3.
			1.2	1.6	2.2	1.8	1.1	0.9	1.1	0.1	0.1	0.5	0.4
	0.6	0.8	1.2	1.0									
	0.6 7.45	28.01	21.71	22.01	6.07	7.01	6.07	6.12	4.68	4.73	3.77	3.42	0.7

# Sources and Application of Funds

	1996-97	1995-96	1994-95	1993-94	1992-93	1991-92	1990-91	1989-90	
SOURCES OF FUNDS									
OWN									
Profit after Tax	4326	3858	2888	2154	1701	1485	1278	1226	
Depreciation	2251	2181	2605	1366	1431	1031	961	1028	
Investment	****	765	_	_	_	_	-	_	
Shareholders' Investment	_	_		_	_	_	_	_	
Excess/(Short) Provision for taxation in earlier years Written back/provided for (net)	(250)	-	33	21	_	-	-	-	
BORROWINGS									
Loans (net)	8364	1166	20	802	_	62	226	403	
LPG Deposits	1205	971	788	520	254	373	176	285	
Decrease in Working Capital	_		_	_	539	_	_	_	
Adjustment on account of Deletion/ Re–classification, etc.	18	51	38	8	41	12	2	26	
4	15914	8992	6372	4871	3966	2963	2643	2968	
APPLICATION OF FUNDS									
Capital Expenditure	7091	4718	4348	3187	3162	2340	2030	2095	
Dividend	495	495	495	165	165	150	100	100	
Tax on distributed profits	49	_	_	_	_	_	_	_	
Repayment of Loans (net)	-		_	_	245	_	_	-	
Investment	790	-	922	722	394	67	275	21	
Increase in Working Capital	7489	3779	607	797	_	406	238	752	
<del></del>	15914	8992	6372	4871	3966	2963	2643	2968	

198	38-89	1987-88	1986-87	1985-86	1984-85	1983-84	1982-83	1981-82	1980-81	1979-80	1978-79	1977-78	1976
											(1	15 months) (Rs.	- Million)
	1043	780	603	613	138	157	135	141	104	109	87	79	17
	868	634	861	776	535	429	159	122	128	77	46	19	24
	_	_	_	_		_	_	_	_	_	_	_	_
	_	_	_	_	_	20	_	_	_	_	_	_	171
	_		Martine .	_	_	_	_	_	_	_			_
	05			040	740	007	204		600	44		60	115
	25	-	_	240	746	937	324	_	620	44	_	62	115
	214	222	276	328	260	206	116	67	12	8	14	6	11
	_	546	_	_	_	_	21	107	_	_	132	_	_
	19	5	_	27	3	2	2	1	1	_	2	4	(75)
	2169	2187	1740	1984	1682	1751	757	438	865	238	281	170	263
			11.10		1002								
	1728	2071	1538	1107	1544	1375	757	389	231	161	84	43	26
	56	56	39	39	23	_		20	20	18	18	18	15
	_	_	_	_	_	_	_	_		_	_	_	_
	_	60	71	_	_	_	_	29	_	_	179	_	, <del>-</del>
	10	_	_	_	6	2	_	_	_	_	_	_	1
	375	_	92	838	109	374	_	_	614	59	_	109	221
<del></del>													
	2169	2187	1740	1984	1682	1751	757	438	865	238	281	170	263

# Sales Volume ('000 MT)

	1996			5-96	1994		1993-94		1992-93	
	Sales	Market Share (%)	Sales	Market Share (%)	Sales	Market Share (%)	Sales	Market Share (%)	Sales	Market Share (%)
Light Distillates :										
Naphtha	916	20.0	645	15.6	632	17.2	714	21.7	772	23.0
LPG (Bulk & Packed)	1021	24.4	925	24.1	816	23.8	706	22.7	633	22.1
Motor Spirit	1497	30.1	1401	29.8	1243	30.0	1137	29.6	1055	29.3
Special Boiling Point Spirit/Hexane	95	47.2	85	48.0	77	53.0	67	47.0	80	51.9
Benzene	77	50.6	58	42.6	66	43.4	23	22.0	66	40.5
Toluene	21	31.4	12	21.1	14	25.9	7	19.3	11	22.4
Polypropylene Feedstock	19		19		25		16		31	
Others	3		-				-		1	
Sub Total	3649		3145		2873		2670		2649	
Middle Distillates :										
Aviation Turbine Fuel	486	22.1	505	24.3	460	24.0	405	23.2	348	22.2
Superior Kerosene	1644	16.1	1555	16.4	1543	16.6	1462	16.4	1430	16.5
High Speed Diesel	8040	22.8	7299	22.5	6211	22.0	5501	21.2	4999	20.6
Light Diesel Oil	126	10.4	158	12.1	175	13.0	170	12.6	157	11.3
Mineral Turpentine Oil	74	39.2	72	40.8	65	43.2	71	49.5	54	43.8
Sub Total	10370		9589		8454	-tr-	7609		6988	
Others:										
Furnace Oil	816	12.8	768	11.8	629	10.9	582	11.8	615	11.8
Low Sulphur Heavy Stock	435	10.1	759	18.1	736	18.0	670	16.5	563	14.1
Bitumen	421	18.5	434	21.0	455	24.4	475	25.5	494	27.0
Lubricants	86	11.9	85	11.6	88	13.2	94	13.5	104	13.9
Others	1		_		_		-		_	
Sub Total	1759		2046		1908		1821		1776	
Grand Total	15778	20.4	14780	20.3	13235	20.2	12100	20.0	11413	19.5

Note: Market Share is based on Sales Volumes of Public Sector Oil Companies.

# Production ('000 MT)

	1996-97	1995-96	1994-95	1993-94	1992-93
LIGHT DISTILLATES :					
Naphtha	1061	1086	1066	955	1034
LPG	254	261	241	244	224
Motor Spirit	720	682	653	723	663
Special Boiling Point Spirit/Hexane	96	88	74	71	80
Benzene	81	61	58	22	57
Toluene	21	13	13	7	11
Polypropylene Feedstock	19	19	25	16	31
Others	3	1	1	0	1
Sub Total	2255	2211	2131	2038	2101
MIDDLE DISTILLATES :					
Aviation Turbine Fuel	127	139	190	153	123
Superior Kerosene	759	715	757	806	830
High Speed Diesel	3010	2898	2807	2619	2646
Light Diesel Oil	66	96	93	120	156
Mineral Turpentine Oil	85	73	67	70	58
Sub Total	4047	3921	3914	3768	3813
HEAVY ENDS:					
Furnace Oil	141	103	215	516	455
Low Sulphur Heavy Stock	744	785	704	517	518
Bitumen	222	215	230	261	282
Sub Total	1107	1103	1149	1294	1255
GRAND TOTAL	7409	7235	7194	7100	7169

# Lubricants Production (MT)

1996-97	1995-96	1994-95	1993-94	1992-93
69164	67876	66681	74154	82911

# Quantity of LPG Filled in Cylinders (MT)

1996-97	1995-96	1994-95	1993-94		1992-93
978135	888618	787010	670143	if	597315

# How Value is Generated

			1996-97		Rs. Million 1995-96
			1000 01		1000 00
Val	ue of Production (Refinery)		21949		21286
Les	ss : Direct Materials Consumed		17964		17474
Add	ded Value		3985		3812
Ma	rketing Operations		16672		15743
	ue added by Manufacturing & ding Operations		20657		19555
Add	d : Other Income (including P.Y.A)		1578		1973
Tot	al Value Generated		22235		21528
1.	OPERATIONS		1996-97		Rs. Million 1995-96
١.			40040		2524
2.	Operating & Service Costs  EMPLOYEES' BENEFITS		10346		9564
	Salaries, Wages & Bonus	1555		2215	
	Other Benefits	559	2114	647	2862
3.	PROVIDERS OF CAPITAL				
	Interest on Borrowings	821		394	
	Dividend	495	1316	495	889
4.	INCOME TAX (Including earlier year's tax and dividend tax)		2670		2670
5.	RE-INVESTMENT IN BUSINESS				
	Depreciation	2258		2180	
	Retained Profit	3531	5789	3363	5543
	tal Value Distributed		22235		

# Auditors' Report to the Members of Bharat Petroleum Corporation Limited

We have audited the attached balance sheet of BHARAT PETROLEUM CORPORATION LIMITED as at 31st March, 1997 and also the annexed profit and loss account of the Company for the year ended on that date, and report that:

- 1. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit;
- 2. In our opinion, proper books of account as required by law have been kept by the Company, so far as appears from our examination of those books:
- 3. The balance sheet and profit and loss account dealt with by this report are in agreement with the books of account;
- 4. In our opinion and to the best of our information and according to the explanations given to us, the said accounts read with the Notes and the Significant Accounting Policies thereon, give the information required by the Companies Act, 1956, in the manner so required and give a true and fair view -
  - (i) in the case of the balance sheet, of the state of affairs of the Company as at 31st March, 1997

and

- (ii) in the case of profit and loss account, of the profit for the year ended on that date.
- 5. As required by the Manufacturing and Other Companies (Auditor's Report) Order, 1988 issued by the Central Government in terms of Section 227(4A) of the Companies Act, 1956 and on the basis of such checks of the books and records as we considered appropriate and as per the information and explanations given to us in the course of our audit and to the best of our knowledge and belief, we further report that:
  - (i) The Company has maintained proper records showing full particulars including quantitative details and situation of fixed assets except for items like pipes, valves, meters, instruments and other similar items peculiar to a continuous process industry. We are informed that fixed assets, other than LPG cylinders with customers are verified by the marketing division over a two-year period and by the refinery over a three-year period. The frequency of verification of fixed assets is, in our opinion, reasonable. In respect of the assets verified during the year, we are informed that there are no material discrepancies.
  - (ii) None of the fixed assets has been revalued during the year.
  - (iii) Physical verification has been conducted by the management during the year in respect of finished goods, stores, spare parts and raw materials, other than those lying with contractors and in transit. In our opinion, the frequency of physical verification of stocks is reasonable.
  - (iv) The procedures of physical verification followed by the management are reasonable and adequate in relation to the size of the Company and the nature of its business.
  - (v) We are informed that discrepancies noticed on physical verification of stocks were not material as compared to book records and have been properly dealt with in the accounts.
  - (vi) In our opinion, the valuation of stocks is fair and proper and in accordance with the normally accepted accounting principles and is on the same basis as in the preceding year.

- (vii) The Company has not taken any loans, secured or unsecured from companies, firms or other parties listed in the register maintained under Section 301 of the Companies Act, 1956 and/or companies under the same management as defined in Section 370(1B) of the Companies Act, 1956.
- (viii) The Company has not granted any loans, secured or unsecured to companies, firms or other parties other than to its joint venture companies as listed in the register maintained under Section 301 of the Companies Act, 1956 and/or to companies under the same management as defined in Section 370(1B) of the Companies Act, 1956. The rate of interest, wherever applicable and other terms and conditions of such loans are prima facie not prejudicial to the interest of the Company.
- (ix) The parties, including the companies in which the Company is a member, to whom loans or advances in the nature of loans have been given by the Company are repaying the principal amount and interest wherever stipulated. In our opinion, the terms and conditions of such loans are prima facie not prejudicial to the interest of the Company.
- (x) In our opinion, there is an adequate internal control procedure commensurate with the size of the Company and the nature of its business, for the purchase of stores, raw materials, plant and machinery, equipment, other assets and for the sale of goods.
- (xi) According to the information and explanations given to us, purchases of goods/materials and sale of goods/materials and services exceeding Rs.50,000 in value for each type thereof, made in pursuance of contracts or arrangements entered in the register maintained under Section 301 of the Companies Act, 1956, have been made at prices which are reasonable having regard to prevailing market prices for such goods/materials/ services and/or at prices at which such transactions are entered with other parties.
- (xii) The Company has a regular procedure for determination of unserviceable or damaged stores, raw materials and finished goods. Adequate provision has been made in the accounts for the loss arising on the items so determined.
- (xiii) In respect of deposits accepted from the public, the Company has complied with the directives issued by the Reserve Bank of India and the provisions of Section 58A of the Companies Act, 1956 and the rules framed thereunder.
- (xiv) As explained to us, the Company has maintained reasonable records for sale and disposal of realisable by-products and scrap.
- (xv) The Company has an adequate internal audit system commensurate with its size and nature of its business.
- (xvi) We have broadly reviewed the books of account maintained by the Company in pursuant to the order made by the Central Government for the maintenance of cost records in respect of certain products under Section 209(1)(d) of the Companies Act, 1956 and are of the opinion that, prima facie, the prescribed accounts and records have been maintained. We have, however, not made nor are required to make, any examination of these records with a view to determine whether they are accurate or complete.
- (xvii) The Company is generally regular in depositing Provident Fund and Employees' State Insurance dues with the appropriate authorities.
- (xviii) There were no undisputed amounts payable in respect of income tax, wealth tax, sales tax, customs duty and excise duty which have remained outstanding as at 31st March, 1997, for a period of more than six months from the date they became payable.

- (xix) According to the information and explanations given to us, no personal expenses have been charged to the revenue account other than those payable under contractual obligations or in accordance with generally accepted business practices.
- (xx) The Company is not a sick industrial company within the meaning of Clause (o) of sub-section (1) of Section 3 of the Sick Industrial Companies (Special Provisions) Act, 1985.
- (xxi) In respect of Company's trading activities, damaged goods, which were not significant, have been determined and necessary provision has been made in the accounts.

For and on behalf of

DALAL DESAI & KUMANA Chartered Accountants For and on behalf of

BORKAR & MUZUMDAR Chartered Accountants

Sd/-VIJAY N. BHATT Partner

Mumbai

Dated: 29th May, 1997

Sd/-DILIP MUZUMDAR Partner

# Balance Sheet As At 31st March, 1997

			2011501115	D. APII	31/03/96
l.	SOI	JRCES OF FUNDS	SCHEDULE	Rs. Million	Rs. Million
	1.	Shareholders' funds :			
	,	Share Capital	A	1,500.00	1,500.00
		Reserves and Surplus	В	19,349.47	15,818.00
				20,849.47	17,318.00
	2.	Loan funds :	C		
		Secured loans		6,683.50	2,485.26
		Unsecured loans	-	6,924.63	2,758.53
			<u> </u>	13,608.13	5,243.79
		TOTAL		34,457.60	22,561.79
11.	API	PLICATION OF FUNDS			
	1.	Fixed Assets:	D	0.00.00	20.740.00
		Gross block		34,664.52 16,728.57	29,748.60 14,562.05
		Less: Depreciation	-	ALTERNATION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON	myana meta ata majaran an an an
		Net block	Ε	17,935.95 4,826.38	15,186.55 2,753.61
		Capital work-in-progress	_	22,762.33	17,940.16
	•	I	F	2,447.99	1,657.98
	2.	Investments Current assets, loans and advances :		2,447.30	1,007.00
	0.	Inventories	G	7,835.58	6,289.80
		Sundry debtors	Н	5,166.50	4,312.23
		Cash and bank balances	1	2,429.36	2,286.36
		Other current assets	J K	21.45 13,583.33	19.75 6,121.89
		Loans and advances	K	29,036.22	19,030.03
			1	20,000	
		Less : Current liabilities and provisions			44040.07
		Liabilities	L M	18,637.21 1,151.73	14,913.27 1,153.11
		Provisions	IVI	-	
			4	19,788.94	16,066.38
		Net current assets		9,247.28	2,963.65
		TOTAL		34,457.60	22,561.79
		Statement of Significant Accounting			
		Policies and Notes forming part of Accounts.	w		

For and on behalf of the Board of Directors

As per our attached report of even date

Sd/-

U. SUNDARARAJAN

Chairman and Managing Director

Sd/-A. SINHA Sd/-

K.S. MANIKASHETTI

Director (Finance)

Company Secretary

New Delhi

Dated: 28th May, 1997

For and on behalf of **DALAL DESAI & KUMANA** 

**Chartered Accountants** Sd/-

VIJAY N. BHATT Partner

Mumbai

Dated: 29th May, 1997

For and on behalf of **BORKAR & MUZUMDAR Chartered Accountants** 

Sd/-

**DILIP MUZUMDAR** 

Partner

# Profit and Loss Account for the year ended 31st March, 1997

	SCHEDULE	Rs. Million	1995-96 Rs. Million
INCOME Sale of products Miscellaneous income Increase/(decrease) in Inventory	N O P	105,535.50 1,559.38 1,648.48	92,537.92 2,006.27 546.21
TOTAL		108,743.36	95,090.40
EXPENDITURE  Purchase of products for resale Raw materials consumed Packages consumed Duties, taxes, etc. and other charges applicable Transportation Consumption of stores, spares and materials Power and Fuel Employees remuneration and other benefits Interest Other operating and administration expenses Depreciation	Q R S T U	49,749.97 18,876.58 472.17 16,729.95 7,021.68 837.26 132.03 2,113.80 820.58 3,053.68 2,258.12	42,632.65 18,157.90 426.57 11,578.00 6,640.22 830.31 142.96 2,861.71 393.80 2,685.76 2,179.77
TOTAL		102,065.82	88,529.65
Profit Prior period income/(expenses) net	v	6,677.54 18.43	6,560. <b>7</b> 5 (33.00)
Profit before tax Provision for Taxation		6,695.97 2,370.00	6,527.75 2,670.00
Profit after tax Excess/(Short) provision for taxation in earlier years written back/provided for Transfer from Investment Allowance Reserve Balance brought forward		4,325.97 (250.00) 252.06 0.01	3,857.75 — 14.66 0.01
Disposable Profit		4,328.04	3,872.42
Appropriations: Proposed Dividend (Previous year : subject to deduction of tax at source) Tax on distributed profits		495.00 49.50	495.00
Transfer to General Reserve Transfer from Capital Reserve * Rs.2969/-		544.50 3,783.53 *	495.00 3,377.41 *
Balance Carried to Balance Sheet		0.01	0.01
Statement of Significant Accounting Policies and Notes forming part of Accounts.	w		

For and on behalf of the Board of Directors

Sd/-

U. SUNDARARAJAN

Chairman and Managing Director

Sd/-

Sd/-

A. SINHA

K.S. MANIKASHETTI

Director (Finance)

Company Secretary

New Delhi

Dated: 28th May, 1997

As per our attached report of even date

For and on behalf of

**DALAL DESAI & KUMANA** 

**Chartered Accountants** 

Sd/-

VIJAY N. BHATT

Partner

Mumbai

Dated: 29th May, 1997

For and on behalf of BORKAR & MUZUMDAR

Chartered Accountants

Sd/-

**DILIP MUZUMDAR** 

Partner

## Schedule 'A' - Share Capital

**Authorised** 

200 million equity shares of Rs.10 each

Issued, subscribed and paid-up

150 million equity shares of Rs.10 each fully paid up \*

Total

Rs. Million	31/03/96 Rs. Million
2,000.00	2,000.00
2,000.00	2,000.00
1,500.00	1,500.00
1,500.00	1,500.00

#### \* Includes:

- 22.95 million shares of Rs. 10 each on which Rs. 7.20 per share was paid in cash and were converted into fully paid by capitalisation of Capital Reserve.
- 127 million shares of Rs. 10 each which were allotted as fully paid bonus shares by capitalisation of Capital Reserve and General Reserve.

# Schedule 'B' - Reserves and Surplus

Capital Reserve

As per last Balance Sheet

Less: Transfer to Profit & Loss Account \* Rs.2,969/-

**General Reserve** 

As per last Balance Sheet

Add: Transfer from Profit & Loss Account

**Investment Allowance Reserve** 

As per last Balance Sheet

Less: Transfer to Profit and Loss Account

Surplus as per Profit & Loss Account

Total

31/03/96 Rs. Million	Rs. Million
7.99	7.99
7.99	7.99
11,666.63 3,377.41 15,044.04	15,044.04 3,783.53 18,827.57
780.62 (14.66)	765.96 (252.06)
765.96	513.90
0.01	0.01
15,818.00	19,349.47

# Schedule 'C' - Loan Funds

	Rs. Million	31/03/96 Rs. Million
Secured Loans	Tio. Willion	rts. Willion
Bonds		
15.5% Secured Redeemable Non-convertible Bonds - Redeemable at par on 17th March, 2000 (Secured by mortgage to be created on certain immovable properties of the Company)	2,468.00	
Banks		
Term Loans (Secured by hypothecation and mortgage of certain plant and machinery, equipment and materials of selected projects in progress at Refinery and certain LPG Bottling Plants)	626.68	350.71
[Due for repayment within one year <b>Rs.26.68 million</b> (Rs.325.36 million)]	020.00	330.71
Working Capital Loans/Cash Credit (Secured by hypothecation of raw materials, finished goods, stock-in-process, stores, components and spares at all locations in India)	3,316.22	1,804.86
Interest accrued and due	6.05	1.71
Others		
Term Loan - (Refinanced through Government of India) - secured by hypothecation of certain plant and machinery at Refinery. [Due for repayment within one year Rs.61.43 million (Rs.61.43 million)]	266.55	327.98
	6,683.50	2,485.26
Unsecured Loans		
Public Deposits	2,658.98	1,557.76
[Due for repayment within one year Rs.995.78 million (Rs.519.09 million)]		
Short Term		
From Banks	2,072.15	1,068.22
From Others	550.00	50.00
Others		
From Banks From Others [Due for repayment within one year <b>Rs.37.77 million</b> (Rs.38.07 million)]	300.00 1,343.37	81.44
Interest accrued and due	0.13	1.11
	6,924.63	2,758.53
Total	13,608.13	5,243.79

		GROSS	GROSS BLOCK			DEPRECIATION	NOIL		NETB	NET BLOCK
PARTICULARS	AS AT 01-04-96	ADDITIONS	DEDUCTIONS ON ACCOUNT OF RETIREMENT / RECLASSIFI- CATIONS	AS AT 31-03-97	UPTO 31-03-96	THIS YEAR	DEDUCTIONS ON ACCOUNT OF RETIREMENT /RECLASSIFI- CATIONS	UPTO 31-03-97	AS AT 31-03-97	AS AT 31-03-96
(1)	(2)	(3)	(4)	(2)	(9)	(1)	(8)	(6)	(10)	(11)
1. LAND Freehold	515.98	148.38	(1 93)	666.29	1	ı	ı	1	666.29	515.98
(b) Leasehold	170.11	126,90		297.01	21.67	4.09	AAAAA	25.76	271.25	148.44
(c) Advance Payments	295.75	32.19	1.99	325.95	1	1	1	1	325.95	295.75
BUILD	3,276.02	812.07	17.36	4,070.73	383.48	75.89	0.67	458.70	3,612.03	2,892.54
П	537.56	38.87	1	576.43	83.89	27.94	1	111.83	464.60	453.67
	8,015.04	504.57	64.98	8,454.63	3,290,11	387.84	11.46	3,666.49	4,788.14	4,724.93
	5,350.23	1,446.68	28.68	6,768.23	1,695.15	333.48	2.43	2,026.20	4,742.03	3,655.08
_	281.33	42.35	2.13	321.55	87.08	22.05	0.70	108.43	213.12	194.25
7. VEHICLES 8. OTHER ASSETS	308.31	49.67	25.08	332.90	174.92	32.51	11.39	196.04	136.86	133.39
(a) Dispensing Pumps (b) LPG Cylinders and	1,019.95	355.23	22.86	1,352.32	224.49	59.35	3.25	280.59	1,071.73	795.46
Allied Équipment (c) Sundries	8,042.61	1,191.77	63.09	9,171.29 2,327.19	8,042.61	1,191.77	63.09	9,171.29 683.24	1,643.95	1,377.06
TOTAL	29,748.60	5,170.03	254.11	34,664.52	14,562.05	2,274.19	107.67	16,728.57	17,935.95	15,186.55
PREVIOUS YEAR	24,943.85	4,960.19	155.44	29,748.60	12,452.47	2,185.53	75.95	14,562.05	15,186.55	12,491.38

# NOTES:

- Freehold Land includes Rs 50.17 million (Rs 38.61 million) with more than 99 years lease period. Freehold Land includes Rs 47.83 million (Rs 47.83 million), capitalised for land at Cheralapalli depot, Cheralapalli LPG plant, Kurnool LPG plant, and Kakinada coastal terminal for which conveyances are yet to be executed. Land includes the following which though in the possession of the Corporation, the lease deeds are yet to be
  - Freehold Land **Rs 1.47 million** (Rs nij) Leasehold Land Gross block **Rs 169.78 million** (Rs 51.06 million), Net block **Rs 162.84 millio**n registered (a) Free (b) Leas
    - (Rs 46.58 million) gs include
- Ownership flats of Rs 57.77 million (Rs 57.77 million) in proposed/existing co-operative housing soci-Buildin (a)
- Value of shares of Rs 0.04 million (Rs 0.04 million) out of which the Corporation is yet to receive share certificates of the value of Rs 0.01 million (Rs 0.01 million). (Q)

Transfer formalities relating to residential premises of Rs 6.21 million (Rs 6.21 million), registered in the name

5

of a director, since retired, are in progress. Land, Buildings, Railway siding, Plant & machinery, Tanks & pipelines, jointly owned in varying extent with other oil companies/railways: Gross block Rs 427.82 million (Rs 329.11 million). Depreciation 9

- Rs 114.38 million (Rs 65.20 million), Net block Rs 313.44 million (Rs 263.91 million).
- Depreciation on project assets, to the extent capitalised against the completed capital projects, is adjusted against its original cost and its net book value is shown under gross block column. The balance depreciation thereon is included
- under capital work-in-progress.

  8. Additions to Gross block includes foreign exchange translation difference of year end liability of Rs 1.96 million (Rs 5.31 million).

  9. Depreciation for the year (column 7) includes:

  (a) charged to capital work in progress Rs 0.94 million (Rs 0.89 million).

  (b) charged to profit & loss account Rs 2258.12 million (Rs 2179.77 million).

  (c) charged to profit & loss account Rs 15.13 million (Rs 24.97 million).

  10. Deductions from Gross block (column 4) includes:

  (a) Write back of excess capitalisation Rs 151.67 million).

  (b) Rs 0.16 million (Rs 2.19 million) consequent to adjustment referred in para 7 above.

  (c) Deletions during the year Rs 102.28 million (Rs 120.85 million).

  11. Deductions from depreciation (column 9) includes withordawal of depreciation:

  (c) Deletions during the year Rs 102.28 million (Rs 1.50 million).

  (c) Rs 0.16 million (Rs 2.19 million) consequent to adjustment referred in para 7 above.

  (d) on deletions during the year Rs 84.92 million (Rs 70.10 million).
  - 9
- =

PARTICULARS OF CAPITAL EXPENDITURE INCURRED ON SOCIAL OVERHEADS AND FORMING PART OF SCHEDULE 'D'

CK	AS AT 31-03-96	(11)		0.78	o o	148.58	3.87	0.10	9.33		3.79	0.54	0.14	*	2.99	176.31	
NET BLOCK	AS AT 31-03-97	(10)		0.78	0.10	146.83	3.59	0.28	90.6		4.12	0.50	0.13	*	3.61	175.01	174.53
	UPTO 31-03-97	(6)		1 5	2	22.84	1.91	0.15	5.05		09.0	0.45	0.00	0.05	1.59	33.80	31.49
DEPRECIATION	DEDUCTIONS ON ACCOUNT OF RETIREMENT / RECLASSIFI- CATIONS	(8)		ı	ı	1	I	1	0.05		1	1	1	1	1	0.05	I
DEPRE	THISYEAR	(2)		8	0.00	2.75	0.28	0.04	0.65		0.07	0.04	0.01	1	0.22	4.14	3.85
	UPTO 01-04-96	(9)		1 8	20.1	20.09	1.63	0.11	4.45		0.53	0.41	0.08	0.02	1.37	29.71	27.64
	AS AT 31-03-97	(5)	i	7.73	17:	169.67	5.50	0.43	14.11		4.72	0.95	0.22	0.02	5.20	208.81	206.02
ВГОСК	DEDUCTIONS ON ACCOUNT OF RETIREMENT / RECLASSIFI- CATIONS	(4)		1	i	1	1	ı	90.0		1	1	1	1	Ī	0.06	1.87
GROSS BLOCK	ADDITIONS	(3)		1	ı	1.00	1	0.22	0.39		0.40	l	1	1	0.84	2.85	2.90
	AS AT 01-04-96	(2)	0	7.07	7.	168.67	5.50	0.21	13.78		4.32	0.95	0.22	0.05	4.36	206.02	204.99
	Particulars	(1)	9	(a) Freehold	1 0	(a) Buildings	(b) Plant & Machinery	(c) Furniture & Fittings	(P)	3. SOCIAL & CULTURAL OVERHEADS	(a) Buildings	(b) Plant & Machinery	(c) Furniture & Fittings		(e) Other Assets	TOTAL	PREVIOUS YEAR

# Rs. 1,027/-

# Schedule 'E' - Capital Work-in-Progress

			Rs. Million	Rs. Million
Capital work-in-progress (at cost) Work-in-progress Capital advances Capital stores including lying with contractors Capital goods in transit			3,721.36 447.90 350.75 110.30	2,045.98 305.09 346.16 22.50
Construction period expenses pending allocation		31/03/96		
Opening balance Add: Expenditure during the year	33.88	37.06		
Establishment charges	54.18	51.88		
Interest	122.86	-		
Depreciation	0.94	0.89		
Others	8.76	11.67		
	220.62	101.50		
Less: Allocated to assets during the year Balance at the end of the year	(24.55)	(67.62)	196.07	33.88
Total			4,826.38	2,753.61

31/03/96

# Schedule 'F' - Investments

			Face	Book V	alue
	TRADE	Nos.	Rs. Million	Rs. Million	Rs. Million
	TRADE UNQUOTED			( t- v v	
1.	Equity Shares of Rs. 10 each fully paid up of Bharat Shell Limited	4,90,00,000 (4,90,00,000)	490.00	490.00	490.00
2.	Equity Shares of Rs.10 each fully paid up of Bharat Oman Refineries Limited	2,00,00,000 (1,00,00,000)	200.00	200.00	100.00
3.	Equity Shares of Rs.10 each fully paid up of Numaligarh Refinery Limited	10,76,05,730 (4,31,05,730)	1,076.06	1,076.06	431.06
4.	Equity Shares of Rs.10 each fully paid up ( previous year - partly paid) of Petroleum Infrastructure Limited	75,00,000 (75,00,000)	75.00	75.00	30.00
			1,841.06	1,841.06	1,051.06
	NON - TRADE QUOTED				
1.	Government of India Securities				
	Deposited with Local Authorities				
	5 1/2 % Loan 1999		0.03	0.03	0.03
	5 1/2 % Loan 2000		0.01	0.01	0.01
	5 3/4% Loan 2001 5 3/4% N.D. Loan 2001		0.16	0.15	0.15
	5 3/4 % Loan 2002		0.01	0.01	0.01
	6 % Loan 1998		0.04 0.24	0.03	0.03
	6 1/2 % Loan 2000		0.10	0.23	0.23
	7 % Loan 2009		0.10	0.09	0.09
	7 1/2 % Loan 2010		0.19	0.19	0.17
	8 % Loan 2011		0.03	0.02	0.02
			1.02	0.93	0.93
	On hand				
	5 3/4 % Loan 2001		0.01	0.01	0.01
	6 % Loan 1998		0.05	0.05	0.05
			0.06	0.06	0.06
2.	10.5 % Tax-free Bonds of Konkan Railway Corporation Limited of Rs. 1000/- each	3,00,000 (3,00,000)	300.00	285.00	285.00
3.	9.75 % Tax-free Bonds of Power Grid Corporation Limited of Rs. 1000/- each	2,00,000 (2,00,000)	200.00	200.00	200.00
4.	Units of The Unit Trust of India, 1964 Scheme of Rs. 10 each	88,72,589 (80,65,990)	88.73	112.55	112.55
			589.81	598 54	598 54

# Schedule 'F' - Investments (Contd.)

			Face	Book \	/alue
		Nos.	Value Do Million	Do Million	31/03/96
			Rs. Million	Rs. Million	Rs. Million
	UNQUOTED				
1.	National Savings Certificates		0.01	0.01	0.01
	(Deposited with Local Authorities, Rationing				
	Authorities etc.)				
2.	5 1/2 Years Kisan Vikas Patra	790	7.90	7.70	7.70
	(Deposited with Local Authorities and on hand)	(790)			0.00
3.	Indira Vikas Patra		0.09	0.09	0.08
4.	Capital Contribution in Petroleum India International		0.50	0.50	0.50
	[Association of Persons - (AOP)]				
	Member Companies # Bharat Petroleum Corporation Limited				
	Bongaigaon Refinery & Petrochemicals Limited				
	Cochin Refineries Limited				
	Engineers India Limited			Astronomical Control	
	Hindustan Petroleum Corporation Limited				
	IBP Company Limited				
	Indian Oil Corporation Limited				
	Indian Petrochemicals Corporation Limited				
	Madras Refineries Limited				
	Oil & Natural Gas Corporation Limited				
5.	Debentures (Irredeemable - Fully paid up)			100	
	- 6 1/2 % debentures of	15	0.01	0.01	0.01
	Bengal Chamber of Commerce & Industry	(15)			
	<ul> <li>5 % debentures of East India Clinic Limited</li> </ul>	1	0.06	0.06	0.06
		(1)			
	- 6 % debentures of Sholapur Spinning &	578	0.06	@	@
	Weaving Ltd. (in liquidation) (AT BOOK VALUE)	(578)			
6.	Ordinary Shares (Fully paid up ) of Sindhu	6	0.01	0.02	0.02
	Resettlement Corporation Ltd.	(6)		<b>建设设施</b>	
			8.64	8.39	8.38
	Total		2,439.51	2,447.99	1,657.98
	@ Written down to Re. 1/-				
	# Each member company has an equal share of 10% and	the total capita	of AOP is Rs. 5.0	0 million.	
					31/03/96
	Book Value of			Rs. Million	Rs. Million
	Long-term Investments			2,447.99	1,657.98
	Current Investments				
	Total			2,447.99	1,657.98
	Total			2,441.55	1,007.30

# Schedule 'G' - Inventories

(As taken, valued and certified by the Management) #

Stores and spares \*
Stores and spares in transit
Raw materials
Stock in process
Finished products
Packages

Total

# Inventory valuation is as per Significant Accounting Policy No. 5.

Rs. Million	31/03/96 Rs. Million
830.60	886.65
74.58	106.20
1,150.15	1,206.17
81.12	45.93
5,478.76	3,865.47
220.37	179.38
7,835.58	6,289.80

# Schedule 'H' - Sundry Debtors

(Considered good unless otherwise stated)

# Debts outstanding for over six months:

Considered good \*
Considered doubtful

Less: Provision for doubtful debts

# Other debts

Total

Rs. Million	31/03/96 Rs. Million
1,463.15 257.65	1,267.21 143.50
(257.65)	(143.50)
1,463.15 3,703.35	1,267.21 3,045.02
5,166.50	4,312.23

<sup>\*</sup> Includes Rs 9.51 million (Rs 3.33 million) lying with third parties.

<sup>\*</sup> Includes Rs 11.53 million (Rs 8.93 million) which are secured.

# Schedule 'I' - Cash and Bank Balances

Cash on Hand [Includes drafts and cheques of Rs.1,128.81 million (Rs.1,091.54 million) on hand]

With Scheduled Banks: In current accounts In deposit accounts Remittances in transit

Total

Rs. Million	31/03/96 Rs. Million
1,140.50	1,104.75
259.00 3.67 1,026.19	250.19 0.39 931.03

## Schedule 'J' - Other Current Assets

Interest accrued on investments (including on bank deposits, loans and advances)

Total

Rs. Million	31/03/96 Rs. Million
21.45	19.75
21.45	19.75

# Schedule 'K' - Loans and Advances

(Unsecured - considered good unless otherwise stated)

	Rs. Million	31/03/96 Rs. Million
Loans (Secured) : To companies	0.83	0.83
To staff *	1,902.05	1,548.57
To others	19.76	15.77
Advances : Share application monies pending allotment/		
Advance towards equity shares Advances recoverable in cash, or in kind or	404.00	
for value to be received	10,485.51	3,862.94
Advances considered doubtful Less : Provision for doubtful advances	8.18 (8.18)	8.07 (8.07)
Less . I Tovision for doubtful advances	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	CHARLES MORNING THE PROPERTY OF THE PROPERTY O
	12,812.15	5,428.11
Claims:	超形型 化	
Considered good	226.16	349.40
Considered doubtful Less: Provision for doubtful claims	75.64 (75.64)	59.44
Less . Provision for doubtful claims	Contract of the Contract of th	(59.44)
	226.16	349.40
Deposits :	<b>然于10人中华的</b>	
With Customs/Excise/Port Trust etc.	450.74	266.82
Others	94.28	77.56
	545.02	344.38
Considered doubtful	0.75 (0.75)	0.75
Less : Provision for doubtful deposits		(0.75)
	545.02	344.38
Total	13,583.33	6,121.89

\* Include:

Due from Officers : Rs. 8.40 million (Rs. 6.85 million)

Maximum balances : Rs. 9.07 million (Rs. 8.51 million)

Due from Directors : Rs. 0.77 million (Rs. 0.36 million)

Maximum balances : Rs. 0.83 million (Rs. 0.73 million)

# Schedule 'L' - Liabilities

Rs. Million **Current Liabilities:** Sundry Creditors 5.749.92 Deposits from customers 11.53 Deposits for containers 6,354.52 Unclaimed Dividend 2.47 Other liabilities 6,409.45 Interest accrued but not due on loans 109.32 Total 18,637.21

#### Schedule 'M' - Provisions

Provision for Taxation (Net of Tax paid) Proposed dividend Provision for retirement benefits Total

31/03/96 Rs. Million
232.42
495.00
425.69
1,153.11

31/03/96 Rs. Million

4,273.87

5,149.27

5,407.84

14,913.27

8.94

0.65

72.70

## Schedule 'N' - Sale of Products

Sales Net recovery from / (payment to) Industry Pool Account

Rs. Million	1995-96 Rs. Million
179,892.48 (74,356.98)	148,227.52 (55,689.60)
105,535.50	92,537.92

# Schedule 'O' - Miscellaneous Income

	deposits and others ource - Rs. 110.47 million	
(Rs. 54.99 million)		
	g Term Investments	
Interest (gross)	D . 0 40 III	
(Rs. 0.02 million)	ource - Rs. 0.12 million	
Dividend (gross)		
	ource - Rs. 3.71 million	
(Rs. 54.49 million)		
Profit on Sales/Ma	•	
	rent Investments	
Interest Gross		
Tax deducted at se	ource - Rs. Nil	
(Rs. 6.04 million)		
Profit on Sales/Ma	aturity	
Profit on sale/wri	ite off of fixed assets (net)	
Excess provision	n for expenses written back	
Other income		
Total		

Rs. Million	1995-96 Rs. Million
619.18	367.15
50.70	50.50
52.73	52.56
16.13	236,94
	162.83
	26.24
4.09	88.68
4.03	17.92
27.86	60.14
835.36	993.81
1,559.38	2,006.27

# Schedule 'P' - Increase/(Decrease) in Inventory

Value of closing stock of
Finished goods
Stock in process
Less:
Value of opening stock of
Finished goods
Stock in process

value of openin	9 310
Finished goods	
Stock in process	
Total	

	31/03/96
5,478.76	3,865.47
81.12	45.93
3,865.47	3,278.04
45.93	87.15

Rs. Million	1995-96 Rs. Million
5,559.88	3,911.40
3,911.40	3,365.19
1,648.48	546.21

# Schedule 'Q' - Consumption of Stores, Spares and Materials .

Stores, spares and materials Less: Charged to other accounts

Total

Rs. Million	1995-96 Rs. Million
1,170.94 333.68	1,081.18 250.87
837.26	830.31

# Schedule 'R' - Power and Fuel

Power and Fuel

Less: Consumption of fuel out of own production

Total

Rs. Million	1995-96 Rs. Million
889.04	900.10
757.01	757.14
132.03	142.96

# Schedule 'S' - Employees' Remuneration and Other Benefits

Salaries and wages Contribution to provident fund and other funds Contribution to gratuity fund Welfare expenses

Rs. Million	1995-96 Rs. Million
1,555.02	2,215.12
139.28	141.65
69.23	46.89
350.27	458.05
2,113.80	2,861.71

# Schedule 'T' - Interest

On Bonds On fixed loans Others

Total

Total

1995-96 Rs. Million	Rs. Million
	8.66
358.78	619.96
35.02	191.96
393.80	820.58
PRINCIPLE OF THE PRINCI	THE RESERVE THE PERSON NAMED IN

# Schedule 'U' - Other Operating and Administration Expenses

	Do Millian	1995-96
Repairs and Maintenance :	Rs. Million	Rs. Million
Machinery	337.45	289.34
Building	147.38	101.87
Others		
Others	253.16	218.38
	737.99	609.59
Insurance	136.22	109.05
Rent	311.65	520.77
Rates and taxes	91.86	151.06
Charities and donations	4.18	5.51
Remuneration to Auditors	0.58	0.55
Public utilities	179.62	111.36
Bad debts and claims written off	0.93	2.21
Materials/products written off	5.42	5.09
Provision for doubtful debts etc.	130.45	46.05
Charges paid to other oil companies	90.48	143.78
Travelling and conveyance	238.49	180.33
Telephones, telex, cables, postage etc.	112.62	98.67
Brokerage on Public Deposit	23.95	5.73
Other expenses	989.24	696.01
Total	3,053.68	2,685.76

# Schedule 'V' - Prior Period Income/(Expenses)(Net)

	Rs. Million	Rs. Million
Sale of products	1.43	(2.27)
Miscellaneous Income		(0.91)
Duties taxes etc. and other product charges	1.26	(13.21)
Transportation	(0.69)	_
Other operating and administration expenses	8.97	(12.90)
Interest		(2.50)
Depreciation	7.46	(1.21)
Total	18.43	(33.00)

# Schedule 'W' - Statement of Significant Accounting Policies and Notes Forming Part of Accounts for the year ended 31st March, 1997

#### BACKGROUND

The Company is in the business of refining/distribution of various petroleum/petrochemical products. The Company which was originally incorporated with the name of Burmah Shell Refineries Limited on 3.11.1952 was given the present name on 1.8.1977. The Company has a refinery at Mumbai and has marketing infrastructure throughout the country.

# A. STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES

#### 1. ACCOUNTING CONVENTION

The accounts are prepared under historical cost convention on accrual system of accounting except where otherwise stated.

#### 2. FIXED ASSETS

#### 2.1 LAND

- 2.1.1 Land acquired on lease where period of lease exceeds 99 years is treated as freehold.
- 2.1.2 Advance payments for acquisition of land for which Corporation does not have possession is included in Land as "Advance payments".

#### 2.2 FIXED ASSETS OTHER THAN LAND

Expenditure on assets, other than plant and machinery and land, not exceeding Rs.1,000 per item is charged to revenue.

#### 2.3 EXPENDITURE DURING CONSTRUCTION PERIOD

Direct expenses (including direct financing costs) incurred during construction period on capital projects are capitalised. Indirect expenses of the project group are allocated only to the projects costing Rs.50 million and above.

#### 3. DEPRECIATION

- 3.1 Premium paid for acquiring leasehold land for lease period not exceeding 99 years, is amortised over the period of lease.
- 3.2 LPG cylinders and pressure regulators and other fixed assets costing not more than Rs.5,000 each, are depreciated in full in the year of capitalisation.
- 3.3 Depreciation on other fixed assets is provided under the straight line method, at rates prescribed under Schedule XIV to the Companies Act, 1956. Additions to fixed assets during the year are being depreciated on pro rata basis from the beginning of the month in which such assets are commissioned.

#### 4. INVESTMENTS

- 4.1 All current investments are valued at lower of cost or fair market value.
- 4.2 All long-term investments, other than investments in Government Securities & Public Sector Bonds, are valued at cost and provision for diminution in value thereof is made, wherever such diminution is not temporary.
- 4.3 Government Securities & Public Sector Bonds are valued at lower of "Cost Price" or "Redemption Price".

#### 5. INVENTORY VALUATION

- 5.1 Crude oil is valued at cost on first in first out basis.
- Intermediate stocks are valued at feed cost. 5.2
- Base oil is valued at cost. 5.3
- Petroleum products are valued at cost as recognised in the administered pricing mechanism and changes advised 5.4 by the Government from time to time or at net realisable value, whichever is lower.
- Free trade products and packages are valued at cost or at net realisable value, whichever is lower. 5.5
- Stores and spares are valued at cost except in the case of slow moving / obsolete items identified as surplus which 5.6 are valued at Re.1 per item.
- In sub paras 5.3, 5.5 and 5.6 'Cost' is reckoned as the weighted average cost. 5.7

#### 6. MODVAT

- Modvat on revenue items is recognised on receipt of materials. 6.1
- Modvat on fixed assets and capital stores is recognised at the time when the asset is put to use.

#### 7. CLAIMS AND PROVISIONS

Claims /Surrenders on/to Oil Co-ordination Committee (OCC) are booked on 'in principle acceptance' thereof on the basis of available instructions/clarifications subject to final adjustments after pool audit, as stipulated. All other claims and provisions are booked on the merits of each case.

#### 8. SALES

Sales include, inter alia, excise/customs duties, Oil Pool Account adjustments and other elements allowed by the Government from time to time.

#### 9. RAW MATERIALS CONSUMED

Raw materials consumed is net of surrenders to/claims from Oil Pool Account.

#### 10. CLASSIFICATION OF INCOME/EXPENSES

- 10.1 Research and development expenditure other than capital expenditure is charged to Profit and Loss Account in the year the expenditure is incurred.
- 10.2 The cost of know-how related to process of manufacture is charged to revenue in the year in which it is incurred.
- 10.3 Being not material:
  - 10.3.1 Income/expenditure upto Rs.0.10 million in each case pertaining to prior years is charged to the current year.

- 10.3.2 Prepaid expenses upto Rs.0.01 million in each case, are charged to revenue as and when incurred.
- 10.3.3 Liabilities for expenses, other than for transportation, rent and property taxes are provided for only if the amount exceeds Rs.0.01 million in each case.
- 10.3.4 Deposits upto Rs.1,000 each placed with Government agencies are charged as expenses in the year of payment.
- 10.4 Income from sale of scrap is accounted for on realisation.

#### 11. RETIREMENT BENEFITS

Retirement benefits are actuarially valued at the year end and provided for in the accounts.

#### 12. DUTIES ON BONDED STOCKS

Excise/customs duty on stock of finished goods in bond are accounted for on their release from bond. As such goods are also sold in bond, no provision is made for excise/customs duty on bonded stock as at the year end.

#### 13. FOREIGN CURRENCY TRANSACTIONS

#### 13.1 FIXED ASSETS

Borrowings in foreign currency for acquisition of fixed assets are converted at exchange rate prevailing on the date of Balance Sheet or forward contract rates, as the case may be. Exchange fluctuations/hedging costs are adjusted to the cost of assets and corresponding liability account.

# 13.2 CURRENT ASSETS AND CURRENT LIABILITIES

Current assets and current liabilities involving transactions in foreign currency are converted at exchange rates prevailing on the date of Balance Sheet. Any profit/loss arising out of such conversion is charged to Profit and Loss Account.

# 14. GOVERNMENT GRANTS

In case of depreciable assets, the cost of the asset is shown at gross value and grant thereon is taken to Capital Reserve as deferred income which is recognised in the Profit and Loss Account over the useful life of the asset.

Government grants of the nature of promoters' contributions are credited to Capital Reserve and treated as part of Shareholders' Funds.

# 15. CAPITAL COMMITMENTS AND CONTINGENT LIABILITIES

Capital commitments and contingent liabilities disclosed are those which exceed Rs.0.10 million in each case.

## B. NOTES FORMING PART OF ACCOUNTS

- Purchase of products for resale includes payments to third parties for processing fee Rs.72.87 million (Rs. 48.75 million).
- 2. The Corporation has numerous transactions with other oil companies, which are reconciled on an ongoing basis and are subject to confirmation. Adjustments, if any, arising therefrom are not likely to be material.
- 3. 3.1 Liability on account of excise/customs duty on finished goods depends on the end use and/or the manner of clearing these goods; it is therefore not practicable to quantify the duties payable on finished goods lying in bond. Accordingly, no provision is made for duty in respect of stock of finished goods held in bond as at the year end, which calculated at maximum rates works out to Rs 1,532.99 million (Rs. 593.89 million). This has no impact on the Profit for the year.
  - 3.2 Differential excise duty on duty paid stocks of Liquefied Petroleum Gas (LPG) and Superior Kerosene Oil (SKO) is dependent on the end use. It is therefore not practicable to quantify such duty payable on closing stock of LPG and SKO. Accordingly, no provision is made in respect of such stocks held at the year end, the quantum of which calculated at maximum rates works out to Rs 311.91 million (Rs.121.10 million). This has no impact on the Profit for the year.
- 4. Provision for taxation in the Profit and Loss Account includes Rs. 2.50 million (Rs. 1.50 million) towards wealth tax.
- Central India Refinery project is being executed by Bharat Oman Refineries Limited (BORL), a Joint Venture Company
  promoted by the Corporation and Oman Oil Company. The Corporation has disbursed funds aggregating to Rs 56.14 million
  (net) (Rs. 42.05 million) towards this project which is recoverable from BORL (included in Schedule 'K' Loans and Advances
  under "Advances recoverable in cash or in kind or for value to be received").
- Numaligarh Refinery Project is being undertaken by Numaligarh Refinery Limited (NRL) where the Corporation is a copromoter alongwith IBP Limited and Government of Assam. The Corporation has disbursed funds aggregating to Rs. 12.88
  million (net) (Rs. 6.46 million) towards this project which is recoverable from NRL (included in Schedule K Loans and
  Advances under "Advances recoverable in cash or in kind or for value to be received").
- 7. The Corporation holds 49% equity in Bharat Shell Limited (BSL) which has accumulated losses. No provision has been considered necessary in the accounts for the consequential diminution in the value of investment as the same is considered temporary in nature and BSL is expecting to recoup its losses.
- 8. Capital Commitments and Contingent Liabilities :

#### 8.1 Capital Commitments:

- (a) Estimated amount of contracts remaining to be executed on capital account and not provided for
- (b) The Corporation is in the process of acquiring a plot of land at Mahul for developing it for employees' quarters. Pending finalisation of the terms of development, the capital commitment on this account as at 31.03.1997 is unascertainable.

#### 8.2 Contingent Liabilities:

- (a) In respect of taxation matters of prior years
- (b) Other Matters :
  - Surety bonds executed on behalf of other oil companies for excise/customs duties for which BPCL has signed as surety

Rs. Million	31/03/96 Rs. Million
4,449.20	1,894.05
	_
40.36	38.78
809.01	1,486.57

# Schedule 'W' - (Contd.)

#### ii) Claims against the Corporation not acknowledged as debts :

- (a) Excise and customs matters
- (b) Sales tax matters
- (c) Others

These include **Rs. 1,322.63 million** (Rs. 984.59 million) against which the Corporation has a recourse for recovery and **Rs. 413.93 million** (Rs. 406.04 million) on capital account.

- iii) Uncalled liability on shares partly paid up
- iv) Claims on account of wages, bonus/ex-gratia payments, in respect of pending court cases.

Rs. Million	31/03/96 Rs. Million
1,087.07 428.08 3,984.25	574.23 238.11 2,560.64
	45.00
28,32	14.72

- 9. 9.1 The net amount of exchange difference debited to the Profit and Loss Account is **Rs. 4.98 million** (Amount credited for the year 1995-96 Rs. 1.32 million).
  - 9.2 The amount of exchange difference debited to the carrying cost of fixed assets and credited to loan account is Rs. 1.96 million (Rs. 5.31 million).
  - 9.3 The Company has not entered into forward exchange contracts which could affect the profit or loss of one or more subsequent periods.

#### 10. Managerial Remuneration:

Salary and allowances

Contributions to Provident Fund and other funds

Other benefits

#### 11. Remuneration to Auditors:

Audit Fees

Other Services (for issuing certificates etc.)

Out of pocket expenses

1995-96
Rs. Million
0.60
0.05
0.17
0.82
1995-96
Rs. Million
0.40
0.10
0.05

<sup>\*</sup> Includes arrears of Rs. 0.70 million paid to erstwhile Directors.

# 12. Licensed Capacity, Installed Capacity (as certified by the Management) and actual production in respect of goods manufactured :

		Licensed Capacity	Installed Capacity	Actual Production
(a)	Fuel refinery			
	(i) In million metric tonnes p.a.	6.00	6.00	7.59
		(6.00)	(6.00)	(7.35)
	(ii) Production in kilolitres (KL)		``	, , ,
	Light distillates		_	2,924,691
	-			(2,933,323)
	Middle distillates	<del>-</del>	_	4,962,883
				(4,826,296)
	Others	<u> </u>	_	1,098,824
				(1,056,593)
(b)	Aromatics			
	(i) Benzene in metric tonnes (MT)	98,300	98,300	81,533
		(98,300)	(98,300)	(60,575)
	(ii) Toluene in M.T.	17,600	17,600	20,689
		(17,600)	(17,600)	(13,182)
(c)	Lubricants in M.T.	96,384	90,000	84,461#
		(96,384)	(90,000)	(85,862)#
(d)	Sulphur in M.T.	5,700	10,950*	361
		(5,700)	(10,950)*	(NIL)

<sup>#</sup> Includes 15,297 M.T. (17,986 M.T.) produced for Bharat Shell Ltd.

# 13. Raw materials consumed :

	Quantity		Value
	KL	MT	Rs. Million
Crude Oil (net of surrender to/claim		7,593,873	17,340.69
from Industry Pool Accounts)		(7,349,672)	(16,782.25)
Base oil	87,835	_	1,535.89
	(90,097)		(1,375.65)
			18,876.58
			(18,157.90)

Consumption of base oil excludes own consumption and samples Rs. 0.01 million (Rs. Nil).

<sup>\*</sup> Designed capacity is based on processing of neat Middle East Crude.

# Schedule 'W' - (Contd.)

# 14. Finished goods purchased, sold and stocked:

	Openi	ng Stock	Purch	nases
Petroleum Products	Quantity MT	Value Rs. Million	Quantity MT	Value Rs. Millior
Light Distillates	<b>243,088</b> (143,883)	<b>794.00</b> (774.71)	<b>3,434,006</b> (2,748,512)	<b>12,164.2</b> 4 (9,728.09)
Middle Distillates	<b>680,133</b> (758,343)	<b>2,023.31</b> (1,600.95)	<b>11,289,030</b> (10,400,140)	<b>34,670.20</b> (30,277.96)
Others	<b>183,559</b> (95,910)	<b>307.92</b> (186.00)	<b>1,392,819</b> (1,112,359)	<b>2,849.1</b> 3 (2,595.82
Aromatics:				
(a) Benzene	<b>4,020</b> (938)	<b>42.32</b> (11.25)		
(b) Toluene	<b>41</b> (107)	<b>0.45</b> (1.28)		
Lubricants	<b>24,36</b> 7 (25,662)	<b>697.47</b> (703.85)		
		<b>3,865.47</b> (3,278.04)		<b>49,683.5</b> 7 (42,601.87

	Sa	les	Closing	Stock
Petroleum Products	Quantity MT	Value Rs. Million	Quantity MT	Value Rs. Millior
Light Distillates	<b>5,275,642</b> (4,753,254)	<b>33,001.00</b> (27,653.50)	<b>329,700</b> (243,088)	<b>1,126.28</b> (794.00)
Middle Distillates	<b>15,038,767</b> (14,226,601)	<b>61,358.82</b> (54,950.70)	<b>959,717</b> (680,133)	<b>2,821.4</b> 9 (2,023.31
Others	<b>2,231,320</b> (2,139,787)	<b>6,118.10</b> (5,571.60)	<b>397,948</b> (183,559)	<b>713.7</b> 1 (307.92
Aromatics:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************		
(a) Benzene	<b>77,025</b> (58,302)	<b>615.38</b> (539.02)	<b>8,861</b> (4,020)	<b>101.1</b> 9 (42.32
(b) Toluene	<b>20,488</b> (13,418)	3 <b>36.31</b> (147.00)	<b>336</b> (41)	<b>3.9</b> (0.45
Lubricants	<b>86,038</b> (86,464)	<b>4,105.89</b> (3,676.10)	<b>22,485</b> (24,367)	<b>712.1</b> 3 (697.47
		105,535.50 (92,537.92)		<b>5,478.7</b> (3,865.47

<sup>(</sup>a) Purchases exclude inter-product transfers.

<sup>(</sup>b) Purchases of petroleum products exclude payments to third parties for processing fee Rs. 72.87 million (Rs.48.75 million) but include own consumption and samples Rs. 6.47 million (Rs.17.97 million).

15.	Value of imports	calculated or	n C.I.F. basis	(excludes imports	through canalising agents) :	:
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		Rs. Million	1995-96 Rs. Million
	(a) Raw Materials (b) Capital goods	188.27 71.57	87.43 80.85
	<ul> <li>(c) Components and spare parts (including packages, chemicals and catalysts)</li> </ul>	231.13	224.76
16.	Expenditure in foreign currency (on cash basis):		4005.00
		Rs. Million	1995-96 Rs. Million
	(a) Interest (b) International Trading Activity (c) Know-how (d) Other matters	3.42 171.66 10.89 33.97	5.33 435.51 — 31.38
17	Value of Day waterials stored / spars parts and sempenants including pas	denne abomicala 9 anta	lunta consumed

# 17. Value of Raw materials, stores / spare parts and components including packages, chemicals & catalysts consumed (on derived basis) : (Import includes import through canalisation)

		Impo	orted	Indige	enous	Total
		Rs. Million	%	Rs. Million	%	Rs. Million
	Crude Oil	3,392.32 (2,534.15)	19.56 (15.10)	13,948.37 (14,248.10)	<b>80.44</b> (84.90)	17,340.69 (16,782.25)
	Base Oil	360.41 (136.77)	23.47 (9.94)	1,175.48 (1,238.88)	76.53 (90.06)	1,535.89 (1,375.65)
	Stores/Spare parts and	(/	( /		,	
	Components (including packages, chemicals & catalysts)	<b>322.57</b> (155.24)	<b>19.63</b> (10.30)	<b>1,320.54</b> (1,352.51)	<b>80.37</b> (89.70)	<b>1,643.11</b> (1,507.75)
^	P					

# 18. Earnings in foreign exchange:

	Rs. Million	1995-96 Rs. Million
Exports at F.O.B. value on own account #	4,172.04	3,610.42

<sup>#</sup> Includes receipt of Rs. 3,012.77 million (Rs.2,624.02 million) in Indian currency out of the repatriable funds of foreign airline customers.

# 19. Expenditure on social overheads :

	Rs. Million	Rs. Million
(a) Expenditure on township	4.24	3.17
[net of recovery Rs. 2.20 million (Rs.2.11 million)]  (b) Medical facilities over and above statutory requirements  (c) Social and cultural activities	0.85 8.92	1.24 6.71
(d) Depreciation on capital assets (as indicated in Schedule 'D')	4.14	3.85

# 20. Profit and Loss Account includes expenditure on :

20. Trent and 2000 Account included expenditure on .	Rs. Million	1995-96 Rs. Million
<ul> <li>(a) Entertainment</li> <li>(b) Public relations and publicity</li> <li>(c) Remuneration to staff employed for public relations work</li> </ul>	1.11 55.08 1.08	1.23 55.53 1.41
21. Research and development		1005.06

	Rs. Million	1995-96 Rs. Million
(a) Revenue expenditure (b) Capital expenditure	15.59 3.81	11.23 15.66
	Rs. Million	1995-96 Rs. Million

## 22. Value Added

20,656.50

19,554.92

#### STATUTORY INFORMATION PURSUANT TO PART - IV OF SCHEDULE - VI TO THE COMPANIES ACT, 1956 23. Balance Sheet Abstract and Company's General Business Profile **Registration Details** 8931/TA/III of 1952-53 1 Registration No. State Code Balance Sheet Date 3 1 0 3 1 9 9 7 Date Month Year Capital Raised during the Year (Rs. million) Public Issue Rights Issue NIL NI L Bonus Issue Private Placement NIL NI L III. Position of Mobilisation and Deployment of Funds (Rs. million) Total Liabilities Total Assets 3 4 4 5 7 6 0 3 4 4 5 7 6 0 Paid-up Capital Reserves & Surplus Sources of Funds 1 5 0 0 . 0 0 9 3 4 9 7 Secured Loans Unsecured Loans 6 6 8 3 5 0 6 9 2 4 6 3 Net Fixed Assets Investments Application of Funds 2 7 6 2 . 3 3 2 4 4 7 9 9 **Net Current Assets** Misc. Expenditure 2 4 7 2 8 NI L Accumulated Losses NIL \* Includes Capital work-in-progress IV. Performance of Company (Rs. million) Total Expenditure Turnover 0 5 5 3 5 1 5 0 0 2 0 6 5 . 8 2 Profit/Loss Before Tax Profit/Loss After Tax + 6 6 9 5 . 9 7 3 2 5 9 7 \$ Earnings Per Share in Rs. Dividend Rate % 2 8 . 8 4 \$ 3 3 \$ Before adjustment of tax relating to prior period V. Generic Names of Three Principal Products/Services of Company (as per monetary terms) Item Code No. (ITC Code) 2 7 **Product Description** PETROLEUM PRODUCTS Item Code No. (ITC Code) 2 9 0 2 **Product Description** BENZENE

Note: ITC code of products as per Indian Trade Classification based on harmonised commodity description and coding system by Ministry of Commerce, Directorate General of Commercial Intelligence & Statistics.

Item Code No. (ITC Code)

Product Description

2 7

LUBRICANTS

1 0

- 24. In accordance with the approval from Department of Company Affairs, Ministry of Law, Justice and Company Affairs, vide approval 46/30/94-CL.III dt. 4.2.1994 the figures have been shown in rupees million.
- 25. Figures of the previous year have been regrouped wherever necessary, to conform to current year presentation.

Signature to Schedules 'A' to 'W'

For and on behalf or the Board of Directors

Sd/-U. SUNDARARAJAN Chairman and Managing Director

Sd/-

ASHOK SINHA

Director (Finance)

Sd/-

K.S. MANIKASHETTI Company Secretary

Place : New Delhi Date : 28th May, 1997.

# Cash Flow Statement

	For the year ended 31st March	1997	1996
	Notes	Rs. N	Aillion
A. Cash Flow from Operating Activities		e tradeourbe de manuel	
Net Profit Before tax and prior period it	tems	6,677.54	6,560.75
Adjustment for :			
Depreciation		2,258.12	2,179.77
Interest on borrowings		820.58	393.80
Foreign Exchange	Note 3	4.98	(1.32)
(Profit) / Loss on Sale of Fixed Assets		(4.03)	(17.92)
(Profit) / Loss on Sale of Long-term Inv	vestment		(162.83)
Interest on Long-term Investment		(52.73)	(52.56)
Dividend earned		(16.13)	(236.94)
Other Non-Cash items	Note 4	(32.84)	(50.15)
Operating Profit before Working Cap	pital Changes	9,655.49	8,612.60
Invested in :			
Trade Receivables		(854.27)	(505.46)
Other receivables	Note 5	(7,461.44)	(3,671.81)
Inventory		(1,545.78)	(608.27)
Current Liabilities & Payables		3,785.95	2,203.21
Cash Generated from Operations		3,579.95	6,030.27
Interest paid on loans other than fixed	lloans	(313.99)	(32.96)
Direct Taxes paid		(2,769.83)	(2,595.41)
Cash Flow before Prior Period Item	s	496.13	3,401.90
Prior Period Items		(18.43)	33.00
Non Cash items	==.	(20.40)	(61,35)
Net Cash from Operating Activities		534.96	3,430.25

# Cash Flow Statement (Contd.)

		For the year ended 31st March	1997	1996
		Notes	Rs. N	Million
B.	Net Cash Flow on Investing Activities			
	Purchase of fixed assets	Note 6	(6,965.35)	(4,712.08)
	Sale of fixed assets		21.39	68.67
	Investment in Joint Venture Companies			
	Bharat Shell Ltd.		- 1	(330.75)
	Bharat Oman Refineries Ltd.		(100.00)	(95.00)
	Numaligarh Refinery Ltd.		(645.00)	(431.06)
	Petroleum Infrastructure Ltd.		(45.00)	(30.00)
	Purchase of Other Investments		(0.01)	(80.0)
	Sale of Investments		-1	1,322.10
	Interest received on Long-term Investments		51.03	60.72
	Dividend received on Long-term Investments		16.13	236.94
	Net Cash Flow on Investing Activities	,	(7,666.81)	(3,910.54)
C.	Net Cash Flow on Financing Activities			
	Long term Borrowings	Note 6	5,997.70	60.85
	Repayment of Loans		(653.99)	(610.91)
	Interest on fixed Loans		(589.15)	(394.88)
	Dividend Paid		(495.00)	(495.00)
	Net Cash Flow on Financing Activities		4,259.56	(1,439.94
D.	Net Increase / (Decrease) in Cash and Cash Equivalents (A-B-C)		(2,872.29)	(1,920.23

# Cash Flow Statement (Contd.)

	Rs.	Million
Cash and Cash Equivalents as at 31st March	1996	1995
Cash in Hand	1,104.75	398.11
Cash at Bank	250.58	1,263.58
Cash in Transit	931.03	350.99
Certificate of Deposits with banks		483.86
Cash Credit from scheduled banks	(1,804.86)	(527.25)
Unsecured loans from scheduled banks	(1,118.22)	(685.78)
	(636.72)	1,283.51
Cash and Cash Equivalents as at 31st March	1997	1996
Cash in Hand	1,140.50	1,104.75
Cash at Bank	262.67	250.58
Cash in Transit	1,026.19	931.03
Certificate of Deposits with banks		<del>-</del>
Cash Credit from scheduled banks	(3,316.22)	(1,804.86)
Unsecured Loans from scheduled banks / ICDs	(2,622.15)	(1,118.22)
	(3,509.01)	(636.72)
Net change in Cash and Cash Equivalents	(2,872.29)	(1,920.23)

## **Explanatory notes to Cash Flow Statement**

- 1. The Cash Flow Statement is prepared in accordance with the format prescribed by Securities and Exchange Board of India.
- 2. In Part-A of the Cash Flow Statement, figures in brackets indicate deductions made from the Net Profit for deriving the net cash flow from operating activities. In Part-B and Part-C, figures in brackets indicate cash outflows.
- The net (profit)/ loss arising due to conversion of current assets / current liabilities receivable / payable in foreign currency is furnished under the head "Foreign Exchange".
- "Other Non-Cash items" include excess provisions written back, foreign exchange adjustments not accruing in cash and miscellaneous adjustments not affecting cash flow.
- 5. Increase in "Other receivables" is mainly on account of non-receipt of claims from Oil Co-ordination Committee. Consequently there is a net decrease in the "Cash and Cash Equivalents" during the current year.

## Cash Flow Statement (Contd.)

date of Balance Sheet. (1995/96 - Rs. 5.31 million) arising on account of exchange variation on the amount of foreign currency loan outstanding as at the "Purchase of Fixed Assets" and "Long-term Borrowings" exclude the additional liability of Rs. 1.96 million

Figures of the previous year have been regrouped wherever necessary, to conform to current years presentation.

For and on behalf of the Board of Directors

-/PS

**U. SUNDARARAJAN** 

Chairman & Managing Director

been prepared in accordance with Stock Exchange listing requirements. prepared by the Company and certify that the Statement have been derived from the accounts of the Company audited by us and has We have verified the above Cash Flow Statement of Bharat Petroleum Corporation Limited for the year ended 31st March, 1997

Chartered Accountants For Borkar & Muzumdar

-/PS

Partner **DILIP MUZUMDAR** 

> Chartered Accountants For DALAL DESAI & KUMANA

-/PS

Partner TTAHB .N YALIV

Dated: 29th May, 1997 Mumbai

# Annexure to Directors' Report

Particulars of Employees under Section 217(2A) of the Companies Act, 1956 read with the Companies (Particulars of Employees) Rules, 1975 for the year ended 31st March, 1997

SR. NO.	NAME	QUALIFICATION	AGE	DESIGNATION/ NATURE OF DUTIES	DATE OF COM- MENCEMENT OF EMPLOY- MENT		REMU- NERA- TION	PARTICULARS OF LAST. EMPLOYMENT	PERIOD YEARS/ MONTH:
	A A RANAVADE	XIITH, DME	32	CRAFTSMAN	10/09/86	11	3,73,730	NOT APPLICABLE	
	A A TARKAR	V	43	GEN.OPR.	12/04/77	20	3,11,200	NOT APPLICABLE	
	A B BANKHELE	VII	44	GEN.OPR.	07/09/82	15	3,46,158	NOT APPLICABLE	
	A B KAMBLE	SSC	46	CRAFTSMAN				NOT APPLICABLE	
	A B PAL	SSC	39	LEADING HAND	10/08/76	21	3,84,187		
	A B PALANDE	IX	33	GEN.OPR.	02/10/78	18	3,98,145	NOT APPLICABLE	
	A C GAWDE	SSC			12/07/83	14	3,38,675	NOT APPLICABLE	
			38	CRAFTSMAN	23/06/80	17	4,71,683	NOT APPLICABLE	
	A C PATEL	BSC	35	PRO.TECH.	27/02/84	13	3,60,624	NOT APPLICABLE	
	A D DALVI	IXTH PASS	37	LEADING HAND	18/05/81	16	3,12,364	NOT APPLICABLE	
	A D SAMANT	IX	49	FIRE OPR.	12/04/83	14	4,92,863	NOT APPLICABLE	
	A D SHINDE	IX	40	LEADING HAND	02/10/78	18	3,03,038	NOT APPLICABLE	
	A G TENDULKAR	SSC, NCTVT	47	CRAFTSMAN	10/03/77	20	3,92,276	NOT APPLICABLE	
	A H DHOKALE	IXTH PASS	35	LEADING HAND	20/10/81	15	3,37,130	NOT APPLICABLE	
	A H SAYED	SSC, NCTVT	39	CRAFTSMAN	11/08/80	17	3,85,236	NOT APPLICABLE	
	A J JAGDALE	SSC	39	GEN.OPR.	01/01/81	16	3,23,362	NOT APPLICABLE	
	A J MANTRI	SSC,NCTVT	42	CRAFTSMAN	03/05/78	19	4,92,071	NOT APPLICABLE	
	A J PATIL	IXTH PASS	38	LEADING HAND	02/05/79	18	3,42,256	NOT APPLICABLE	
	A JAMES VINCENT CHARLEY	B.COM	39	CLERK	14/07/80	17	4,54,275	NOT APPLICABLE	
	A K PINGULKAR	XTH PASS	50	LEADING HAND	01/12/78	18	3,44,609	NOT APPLICABLE	
	A K TAMBUSKAR	IX	47	FIRE OPR.	27/06/77	20	3,53,021	NOT APPLICABLE	
	A M MHATRE	SSC	43	CRAFTSMAN	25/06/80	17	4,75,839	NOT APPLICABLE	
	A M PURANDARE	BSC	36	UTI.OPR.	20/12/82	14	4,30,508	NOT APPLICABLE	
	A M ZAGADE	VIII	41	GEN.OPR.	03/11/80	16	3,07,596	NOT APPLICABLE	
	A N GURAO	IX	52	GEN.OPR.	15/02/79				
	A N PAWAR	IX	37	GEN.OPR.		18	3,70,392	NOT APPLICABLE	
					11/05/81	16	3,18,126	NOT APPLICABLE	
	A P AMBOKAR	SSC, NCTVT	31	CRAFTSMAN	16/09/86	11	3,13,416	NOT APPLICABLE	
	A P TAMBE	HSC,ITI	35	CRAFTSMAN	21/09/82	15	4,06,932	NOT APPLICABLE	
	A P VARDEKAR	SSC,NCTVT	37	CRAFTSMAN	01/10/81	15	4,09,556	NOT APPLICABLE	
	A R BHINGARDIVE	IX	41	LOCO DRIVER	06/01/81	16	3,73,359	NOT APPLICABLE	
	A R TELURE	SSC,NCTVT	41	CRAFTSMAN	05/05/81	16	4,74,452	NOT APPLICABLE	
	A S ANGNE	SSC,NCTVT	41	CRAFTSMAN	04/01/77	20	5,25,852	NOT APPLICABLE	
	A S GAWADE	VIII	39	FIRE OPR.	15/02/79	18	4,27,685	NOT APPLICABLE	
	A S JADHAV	IXTH PASS	36	GEN.OPR.	23/10/81	15	3,00,342	NOT APPLICABLE	
	A S MORE	VII	41	GEN.OPR.	02/10/78	18	3,35,875	NOT APPLICABLE	
	A S NAIK	IX	40	CRAFTSMAN	28/01/81	16	3,30,003	NOT APPLICABLE	
	A S PARKAR	X	40	GEN.OPR.	30/10/80	16	3,36,153	NOT APPLICABLE	
	A V JATEKAR	VIII	41	GEN.OPR.	15/09/81	16	3,10,723	NOT APPLICABLE	
	A V KARAMBELKAR	SSC,ITI	42	CRAFTSMAN	04/01/77	20	4,76,335	NOT APPLICABLE	
	A V PALAV	IX	39	GEN.OPR.	30/01/81	16	3,24,662	NOT APPLICABLE	
	A V SAWANT	VIII	35	CRAFTSMAN	01/02/83	14	3,44,744	NOT APPLICABLE	
	A W GAIKWAD	VII	41	GEN.OPR.	29/10/80	16	3,40,895	NOT APPLICABLE	
	A W YADAV	HSC,NCTVT	37	CRAFTSMAN	20/07/81	16	4,44,579	NOT APPLICABLE	
	A Y BHATE	HSC,NCTVT	38	CRAFTSMAN	06/12/82	14	3,74,373	NOT APPLICABLE	
	A Y JADHAV	BSC	35	UTI.OPR.	04/02/83	14	4,72,024	NOT APPLICABLE	
	A S JASWAL	IX	42						
	ABDUL M TAMBOLI			GEN.OPR.	21/10/80	16	3,00,595	NOT APPLICABLE	
		SSC, NCTVT	45	UTI.OPR.	17/12/84	12	4,19,438	NOT APPLICABLE	
	ABHAY P BENDRE	SSC,NCTVT	43	CRAFTSMAN	11/09/78	19	5,00,655	NOT APPLICABLE	
	ABHAY R SHIVALKAR	BSC	34	UTI.OPR.	01/04/87	10	3,79,587	NOT APPLICABLE	
	AGARWAL A K	B COM FCA	53	ED (AUDIT)	01/11/71	28	3,24,300	SR. AUDIT OFFICER PEAT MARWICK MITCHELL	1 YEAF 6 MTH
	AGRAWAL V K	B E (INSTR) DIP IN COMP MGT	46	DGM ENGG, SERVS. & AUTOMATION	20/02/84	25	3,14,924	ASST. CHEM. ENGR. (INSTRU) FCI	11 YEA 6 MTHS
	AJAMUDDIN A SHIKALGAR	SSC	39	CRAFTSMAN	30/04/79	18	4,46,022	NOT APPLICABLE	
	AJAY R SARFARE	BSC	35	UTI.OPR.	01/06/84	13	3,87,522	NOT APPLICABLE	
	AJIT S KUTTY							NOT APPLICABLE	
		HSC, NCTVT	32	PRO.TECH.	03/06/86	11	3,08,309		SVENE
	* ALAG DAVINDER SINGH	M COM, LLB DIP LABOUR LAW PGD IN PM	33	ACCOUNTS OFFICER	16/09/86	13	3,56,042	PANCHI ROADWAYS CLERK-CUM-TYPIST	2 YEAF
	ALPHONSO VAZ	SSC,NCTVT	41	CRAFTSMAN	10/00/70	10	4,63,179	NOT APPLICABLE	
	ALI HONGO VAL	000,140141	41	CHAPTOWAN	10/08/78	19	4,00,170	HOT AT LIONDLE	

PERIOD-	PARTICULARS OF LAST. EMPLOYMENT	-Aran -Aran Moit		MENCEMENT OF EMPLOY- OF EMPLOY- THEM	DESIGNATION/ DESIGNATION/ NUTURE OF SƏITUG	∃Ð∀	NOITADIFICATION	NAME	.ON
	NOT APPLICABLE	8,46,033	41	88/90/91	CLERK	98	BSC	TAĐAHB HRIHRA AHĐANA	<b>Z</b> 9
	NOT APPLICABLE	891,84,4	18	67/60/71	CRAFTSMAN GEN OPB	15	SSC,NCTVT	ANAND V BHOJANE ANANDA K TAKALKAR	28 28
	NOT APPLICABLE NOT APPLICABLE	3,09,375	bi bi	18/90/83	DRIVER.	67	SSA9 HTIV	TARAHY N AGNANA	09
	NOT APPLICABLE	3,92,968	13	30/02/84	DHIVER	14	XI	VAHDAL M OARDNANA	19
	NOT APPLICABLE	295,65,6	61	18/10/77	CLERK	43	B.COM.	IH2OL 8 TNANA	62
	NOT APPLICABLE	799,64,€	01	21/09/87	CRAFTSMAN	58	SSC, NCTVT	<b>HANTODAN O TNANA</b>	63
	NOT APPLICABLE	3,07,508	13	10/08/84	GEN.OPR.	38	SSA9 HTXI	ANANT L CHIMAVEKAR	19
	NOT APPLICABLE	3,20,922	01	21/09/87	CRAFTSMAN	31	HSC, NCTVT	ANANT P KHOT	92
	NOT APPLICABLE	3,47,022	01	78/10/61	CRAFTSMAN	32	SSC, ITI	<b>BOABMAR S THANA</b>	99
SHABY 6	PARIKH AUTO	5,26,522	30	LL/E0/80	MAINT OFFICER (MECH)	43	SSC DIP AUTO-	* ANCHAN GK	<b>Z</b> 9
	MOTOR MECHANIC NOT APPLICABLE	191,40,8	11	29/07/86	NAMETTARD	32	SSC SSC	ANIL B SHINDE	89
	HOT APPLICABLE	3,02,794	St	10/09/82	CRAFTSMAN	36	SSC,NCTVT	ANIL D MAYEKAR	69
	NOT APPLICABLE	3,92,558	10	21/09/87	CRAFTSMAN	30	SSC,ITI	DOHTAR L JINA	02
	NOT APPLICABLE	3,00,460	6	15/10/87	PRO.TECH.	35	BSC	ANIL S NIKALJE	17
	NOT APPLICABLE	166,90,4	11	11/03/86	PRO.TECH.	33	BRC	ANIL S REVADEKAR	72
	NOT APPLICABLE	3,04,007	4	02/05/30	CRAFTSMAN	32	HSC	<b>ANILKUMAR DOKE</b>	73
	NOT APPLICABLE	3,01,153	13	22/06/84	CLERK	36	¥8	ANITA W D'MELLO	DZ.
	NOT APPLICABLE	3,16,780	41	28/02/80	PRO.TECH.	9	BSC	ANKUSH B DAMGUDE	12
	NOT APPLICABLE	740,69,€	18	64/60/01	CRAFTSMAN	25	SSC,NCTVT	ANTHONY J C DIAS	94
	NOT APPLICABLE	393,594	13	78/S0/71	CRAFTSMAN	36	SSC,NCTVT	ANTHONY M D'MELLO	LL
	NOT APPLICABLE	3,54,903	01 81	98/11/Z1	GEN'OBB' GEN SEBN CLERK	9Þ	AIII	АИТОИУ К GEORGE АВЈОИ В КНАВАТ	6Z
	NOT APPLICABLE	3,28,412	11	98/01/71	PRO.TECH.	33	HSC,NCTVT	ARNOLD A D CRUZ	08
	NOT APPLICABLE	3,22,186	11	01/09/82	MAINT OFFICER	36	NCTVT	T S ETORA	18
	7771017 1 11 1011	001/22/0		7010011.0	1170/110 110/11	00	DIP MECH ENGG		
	NOT APPLICABLE	3,52,210	11	98/20/60	CLERK	33	B.COM	A LA FILLA B	85
	NOT APPLICABLE	3,10,773	11	12/05/86	CRAFTSMAN	33	SSC, NCTVT	ARUN A NURA	83
	NOT APPLICABLE	3,18,356	11	30/15/85	GEN.OPR.	25	SSA9 HTXI	ARUN B KANKEKAR	148
	NOT APPLICABLE	154,62,6	11	21/01/86	CRAFTSMAN	22	SSC,NCTVT	AUNAHT 8 NUAA	98
	NOT APPLICABLE	416,74,6	10	18/60/91	NAMETTAMEN	28	SSC, ITI, NCTVT	ARUN G SHINDE	98
	NOT APPLICABLE	4,30,105	13	Þ8/90/11	CRAFTSMAN	32	SSC, NCTVT	NALAHAM H NUAA	78
	NOT APPLICABLE	3,85,244	12	58/70/80	CRAFTSMAN	34	HSC,NCTVT	ARUN R TIRODKAR	88
	NOT APPLICABLE	850,05,6	11	51/02/86	PRO, TECH.	33	BSC NOINI	LNUJAW A NURA	68
	NOT APPLICABLE	866,69,6	13	98/60/11	CRAFTSMAN	33	HSC, NCTVT	ARVIND V PALKAR	06
	NOT APPLICABLE NOT APPLICABLE	3,46,104	11	11/03/85	CLERK CLERK	32	B.A.	ASHA K DESHPANDE	92
	NOT APPLICABLE	3,56,419	21 11	98/90/60	.R90.ITU	42	SSC	ASHLEY A D'SOUZA	66
	NOT APPLICABLE	3,68,470	13	03/00/84	NAMSTAARO	36	HSC,NCTVT	ASHOK A KAMBLE	76
	NOT APPLICABLE	767,53,5	13	17/09/84	NAMSTRARO	37	HSC, NCTVT	ASHOK B PANCHAL	96
	NOT APPLICABLE	3,15,417	71	08/60/10	GEN.OPR.	07	XI	ASHOK DEU JADHAV	96
	NOT APPLICABLE	191,70,8	11	19/02/86	FIRE OPR.	36	IIA	<b>ASHOK K PAWAR</b>	26
	NOT APPLICABLE	3,51,449	81	13/09/79	PRO.TECH.	04	SSC, NCTVT	ASHOK K SAWANT	86
	NOT APPLICABLE	3,99,566	11	25/04/86	CLERK/TYPIST	36	B.COM	ASHOK P GUMGAONKAR	66
1 YEAR	CUSTOMER ENGG	3,45,289	53	77/80/10	DIRECTOR FINANCE	94	втесн (есес)	ASHOK SINHA	100
SHTM 8	INT. COMP. LTD		•	54,51,55	000 131 1/1002	•	MBA	WINGAL WARREN	101
	NOT APPLICABLE	3,27,872	91	28/10/80	FORKLIFT OPR,	43	SSA9 HTIIIV	VAHGAL V MARAMTA	101
	NOT APPLICABLE	3,03,001	11	14/10/85	PRO.TECH.	33	BSC HSC'NCTAT	AVINASH P KHADE AVINASH T TEMBKAR	103
	NOT APPLICABLE	3,12,118	13	01/03/84	GEN.OPR.	38	ΛΙΙ	B A SONAVANE	104
	NOT APPLICABLE NOT APPLICABLE	3,57,593	12	17/09/82	CRAFTSMAN	45	SSC	B B KADAM	105
	NOT APPLICABLE	089,47,4	21	08/20/20	CRAFTSMAN	09	SSC	B B KARANDE	901
	NOT APPLICABLE	3,33,722	50	17/60/10	CRAFTSMAN	24	IIIA	B B WOHE	107
	NOT APPLICABLE	3,05,507	91	29/10/80	GEN,OPR,	ヤヤ	SSC	B D JUWATKAR	108
	HOT APPLICABLE	4,98,226	61	87/70/01	CHAFTSMAN	64	١٨	B D PATOLE	601
	NOT APPLICABLE	3,13,999	91	18/90/61	GEN.OPR.	99	XI	OAR G B	110
	NOT APPLICABLE	3,90,776	91	18/80/92	CRAFTSMAN	32	SSC,NCTVT	B D SHETTIGAR	111
	NOT APPLICABLE	3,25,438	91	19/02/81	GEN.OPR.	09	IIΛ	B D TIWALE	112
	NOT APPLICABLE	3,74,953	12	18/11/60	CRAFTSMAN	04	SSC, NCTVT	B D WADKAR	ETT
	NOT APPLICABLE	3,13,354	21	27/08/80	GEN.OPR,	17	XI	B G NIGHOT	114

SR.		OUR UPIG TOO	10-	DESIGNATION/	ATE OF COM- MENCEMENT	OF YEARS	REMU- NERA-	PARTICULARS OF LAST.	PERIOD- YEARS/
NO.	NAME	QUALIFICATION	AGE	NATURE OF DUTIES	OF EMPLOY- MENT	RIENCE	TION	EMPLOYMENT	MONTHS
116	B G SALVI	IX	37	GEN.OPR.	11/04/83	14	3,12,088	NOT APPLICABLE	
17	B K BELHEKAR	IX	38	CRAFTSMAN	28/01/81	16	3,60,845	NOT APPLICABLE	
18	B K UDARE	B.COM	44	CLERK	04/10/82	14	4,43,215	NOT APPLICABLE	
19	B M FARGOJ	VIIITH PASS	46	DRIVER	11/05/81	16	3,61,072	NOT APPLICABLE	
20	B N KAMBLE	IX	38	GEN.OPR.	02/01/81	16	3,31,927	NOT APPLICABLE	
21	B N KHILARE	SSC	40	CRAFTSMAN	02/11/81	15	3,01,681	NOT APPLICABLE	
22	B R CHOUHAN	SSC,ITI	37	CRAFTSMAN	22/09/82	15	4,00,240	NOT APPLICABLE	
23	B R SAWANT	IX	36	LEADING HAND	03/11/80	16	3,00,705	NOT APPLICABLE	
24	B R YADAV	VIII	42	GEN.OPR.	02/10/78	18	3,74,316	NOT APPLICABLE	
25	B S CHAVAN	IX	36	GEN.OPR.		14	3,12,372	NOT APPLICABLE	
		BSC	35		23/02/83	13			
26	B S KANDARKAR			PRO.TECH.	20/02/84		3,01,288	NOT APPLICABLE	
27	BABAN BAPU SHELKE	SSC	45	CRAFTSMAN	06/10/77	19	4,84,225	NOT APPLICABLE	
28	BABASAHEB V WARE	VIITH PASS	35	FIRE OPR.	11/11/86	10	3,11,178	NOT APPLICABLE	43/545
29	BABRAS SUJATA S	BSC,	33	DY.MGR SPORTSPERSO		10	3,19,923	ASSISTANT LIC LTD	1 YEAR 4 MTHS
30	BABURAO B MORDI	B COM	33	CLERK	12/04/88	9	3,29,723	NOT APPLICABLE	
31	BABURAO M KAMAT	SSC,ITI	37	CRAFTSMAN	19/01/87	10	3,01,929	NOT APPLICABLE	
32	* BAJANTRI LN	ВА	43	OPS OFF (PROD DESP)	07/05/81	19	4,49,054	E.S.I.C CLERK	2 YEAR
33	BALAKISHAN R PATIL	X	42	GEN.OPR.	18/07/79	18	3,37,771	NOT APPLICABLE	
34	* BALASUBRAMANIAN A*	B TECH (CHEM)	42	CHIEF MANAGER (BORL	02/11/79	19	2,19,873	DALAL CONSULTAN S & ENGRS	2 YEAR
	* DAL A QUIDDAMANINGANIA (G	D 0014	10	OR MOR WAREHOUSE	0.1 (0.0 )77.0	40	0.40.000	P LTD JR CHEM ENGR	
35	* BALASUBRAMANIYAN M K*	B COM CERT OF STORES & PURCH.	40	SR MGR (WAREHOUSE)	01/09/78	18	2,46,033	NOT APPLICABLE	
36	BALCHANDRA M DESAI	BSC	34	UTI.OPR.	01/04/87	10	3,69,827	NOT APPLICABLE	
37	BALKRISHNA M BHAGWAT	BSC	34	CRAFTSMAN			3,19,225		
			32		25/11/85	11		NOT APPLICABLE	
38	BALU N GAIKWAD	SSC,NCTVT		CRAFTSMAN	13/09/85	12	3,53,614	NOT APPLICABLE	
39	BALVANT SADO PATIL	IX SSC	42	GEN.OPR.	01/09/80	17	3,17,035	NOT APPLICABLE	
10	BAPU R MHASKE		44	CRAFTSMAN	01/02/80	17	4,19,180	NOT APPLICABLE	
11	BASIR J PATEL	VIITH PASS	39	CRAFTSMAN	17/12/85	11	3,37,632	NOT APPLICABLE	
12	BAUSAHEB M BHOSALE	SSC	40	FIRE OPR.	23/06/86	11	3,42,895	NOT APPLICABLE	
13	BEDI S.K.	B A HONS/MA (ECO)		DIRECTOR PERSONNEL	01/12/64	32	3,93,921	NOT APPLICABLE	
14	BEHURIA S	B A (HONS) /PGD BA		ED SALES	01/06/73	24	3,30,924	NOT APPLICABLE	
15	BHAGAWAN V SURYAWANSHI	B.COM,NCTVT	34	CRAFTSMAN	01/02/85	12	4,02,518	NOT APPLICABLE	
16	BHAGWAN L DEMDE	M.COM	41	CLERK/TYPIST	02/06/86	11	3,00,773	NOT APPLICABLE	
17	BHAGWAN N YAMGAR	SSC	46	UTI.OPR.	21/11/86	10	3,56,647	NOT APPLICABLE	
18	BHALCHANDRA P PATIL	SSC, NCTVT	34	CRAFTSMAN	19/01/87	10	3,12,270	NOT APPLICABLE	
19	BHALCHANDRA V GOKHALE	B COM LLB	32	PERS. OFFICER	03/07/86	12	3,19,663	APPRENTICE B.E.S.	. 7 MTH
50	BHANU PRATAP SINGH	MA(HIND)	36	CLERK	14/05/84	13	3,81,299	NOT APPLICABLE	
51	BHARAT C AMRUTSAGA	VIIITH PASS	37	CRAFTSMAN	24/03/88	9	3,06,394	NOT APPLICABLE	
52	BHARAT H GIRI	SSC,NCTVT	33	CRAFTSMAN	10/09/85	12	3,22,596	NOT APPLICABLE	
53	BHARAT MADHAVI	BA	44	CLERK/TYPIST	29/01/87	10	3,37,311	NOT APPLICABLE	
54	BHARAT R YADAV	HSC,NCTVT	35	CRAFTSMAN	03/09/84	13	4,11,535	NOT APPLICABLE	
55	BHARATI PRADEEP KAWATHE		35	CLERK	16/04/86	11	3,09,861	NOT APPLICABLE	
56	BHIKAJI B BHOSALE	IX	38	DRIVER	17/12/85	11	3,15,899	NOT APPLICABLE	
57	BRAHMADEO P SHINDE	X	41	DRIVER	18/06/79	18	3,94,446	NOT APPLICABLE	
58	BUCKY VARGHESE	BSC	32	CRAFTSMAN	02/09/85	12	3,49,913	NOT APPLICABLE	
9	C G GAONKAR	VIII	39	FIRE OPR.	29/12/80	16	3,84,899	NOT APPLICABLE	
60	C G PAWAR	VII	37	CRAFTSMAN	23/09/86	11	3,20,017	NOT APPLICABLE	
31	C K MAHADKAR	SSC,NCTVT	39	CRAFTSMAN	12/11/81	15	4,57,827	NOT APPLICABLE	
32	C K SHETTY	SSC	38	CRAFTSMAN	10/01/84	13	3,70,625	NOT APPLICABLE	
	C M AYARE							NOT APPLICABLE	
33		SSC,NCTVT	37	CRAFTSMAN	11/05/81	16	4,79,112	NOT APPLICABLE	
4	C M DHERANGE	IX	37	GEN.OPR.	15/02/79	18	3,54,412		
5	C N HAMMAND	IX	38	GEN.OPR.	26/05/81	16	3,16,860	NOT APPLICABLE	
66	C N MORE	IX	39	GEN.OPR.	02/01/81	16	3,14,721	NOT APPLICABLE	
57	C N PADWAL	IX	37	GEN.OPR.	04/01/83	14	3,04,441	NOT APPLICABLE	
8	C S SHELAR	SSC	41	CRAFTSMAN	28/10/80	16	4,04,381	NOT APPLICABLE	
59	C V KUMAR	VIII	39	LEADING HAND	02/10/78	18	3,85,566	NOT APPLICABLE	
70	CAMILLO A FERNANDES	SSC,NCTVT	36	CRAFTSMAN	17/09/84	13	3,16,193	NOT APPLICABLE	

			BIENCE	MENT	DUTIES				
	NOT APPLICABLE NOT APPLICABLE	396,41,8 768,79,1	13	48/60/80 19/01/02	CRAFTSMAN MGR,LPG, DELHI	33 28	HSC,NCTVT AM	CARLSTON A COUTINHO *	171
	NOT APPLICABLE	3,83,994	11	98/90/60	.A90.ITU	38	HSC,NCTVT	* CHANDRAKANT B SAWANT	173
	NOT APPLICABLE	3,67,590	81	02/10/78	GEN.OPR.	15	XI	* CHANDRAKANT B ZUJAM	174
	NOT APPLICABLE NOT APPLICABLE	212 80 4	91 81	08/11/01 48/60/90	CLERK	45	MCOM BA	* C D NIMBALKAR * C S NANDANWAR	941
	NOT APPLICABLE	4,02,717	12	98/60/80	NAMSTAAN	36	HSC,NCTVT	* CHANDRAKANT V KAMBLE	271
	NOT APPLICABLE	3,16,276	01	15/09/87	CRAFTSMAN	31		* CHANDRAKANT V TRIMBAKE	871
	NOT APPLICABLE	3,32,105	18	87/01/20	GEN.OPR.	36		CHANDRAMOHAN SHINIVASAN	641
SYEARS	TMATSISSA .D.9	3,28,159	61	01/09/85	DY MGR. LPG BTLG.	43	WSC	CHANDRAN M	081
SHTM S	S.R. GOVT. HR. SEC.				MURGNAVIRT		B ED		
	SCHOOL	20,000	,,	30,20,30	MANOTTAGO	N.C.	TVTOM 022	CHANIDDA CUEVILAD NI DEDOV	101
	NOT APPLICABLE	3,38,137	1:1	98/90/90	CRAFTSMAN PRO TECH	34		CHANDRASHEKHAR N REDDY	181
	NOT APPLICABLE  MOT APPLICABLE	3,15,681	10	78/60/82 \$8/60/84	PRO.TECH.	33	BSC BA, NCTVT	CHARLES P ALVA	183
SHAHY 8	DIV. MANAGER	889,11,6	56	98/60/10	DGM LPG SALES	15	-ARD TSO9, BLLB, POST GRA-	CHAUHAN K M S	184
מודעעס	STAIAN PAINTS	0001110	0.7	00/00/10	OTOMO D IT MIDE	10	DUATE DIP. IN M	0.0001000000000000000000000000000000000	16.
		, 0, 00 0		20,00,00		00	KTG, MGMT	CUETANN CAWANIT	201
SUVEN	NOT APPLICABLE	3,08,424	12	08/00/89	CHAFTSMAN GM NRL	33	HSC, NCTVT ME (MECH) ELEC	CHETAN V SAWANT CHOUDHARY R C	981
13 YEARS	ASST. CHIEF ENGR.	171,36,171	57	<b>48/40/60</b>	SEBAICES	00	ME (MECH), ELEC. ENGG., M.A.M.	O M TUMUROONO	001
CHIME	NOT APPLICABLE	3,09,810	91	28/01/81	GEN.OPR.	42	X X	RAWAR A O	781
	NOT APPLICABLE	4,29,073	61	82/90/90	CRAFTSMAN	45	SSC,ITI	D A TURBEKAR	881
	NOT APPLICABLE	4,65,042	14	08/05/83	DRIVER	67	All	MADA8 8 0	681
	NOT APPLICABLE	3,27,483	91	18/10/90	GEN.OPR.	14	X	D B FAPALE	061
	NOT APPLICABLE	4,10,990	14	01/03/83	.A90.ITU	43	BSC	D B GUPTE	161
	NOT APPLICABLE	367,80,8	81	02/10/78	GEN.OPR.	19	X	D B MAHADIK	192
	NOT APPLICABLE	3,11,258	15	30/15/81	GEN.OPR.	17	XI	AMIS 8 C	661
	NOT APPLICABLE	3,54,168	91	30/10/80	HAO.ITU	42	X XI	D B TONDE D C VAITY	961 161
	NOT APPLICABLE	3,10,661	81 12	16/09/76	GEN.OPR. UTI.OPR.	43	BSC	D D SHIRSEKAR	961
	NOT APPLICABLE NOT APPLICABLE	865,56,6	91	27/01/81	PIRE OPR.	04	X	TAROHT 0 0	261
	NOT APPLICABLE	880,61,6	91	18/10/90	GEN.OPR.	04	SSC	D G LANJEKAR	861
	NOT APPLICABLE	3,06,245	91	28/60/20	NAMSTHARD	37	All	D G MOHITE	661
	NOT APPLICABLE	4,10,137	91	22/01/81	LOCO DRIVER	04	X	TNAWAS H G	200
	NOT APPLICABLE	4,00,903	14	16/08/83	.A9O.ITU	07	BSC	DJDESAI	501
	NOT APPLICABLE	4,25,473	14	30/15/85	CRAFTSMAN	18	HSC,NCTVT	DJGADKARI	202
	NOT APPLICABLE	3,60,168	11	98/60/91	CHAFTSMAN	31	SSC,ITI	JITA9 L O	503
	NOT APPLICABLE	3,23,187	81	02/10/78	GEN.OPR.	97	IIIA	DKKALE	504
	NOT APPLICABLE	3,26,155	13	21/11/83	PRO,TECH. GEN,OPR,	99 28	AI BRC	D F BHOSFE D K SHELLA	505
	NOT APPLICABLE NOT APPLICABLE	3,46,524	16	13/07/81	FIRE OPR.	42	SSC	VAHOAL M O	702
	NOT APPLICABLE	4,28,686	41	01/07/83	NAMSTRAM	34	SSC, NCTVT	BARAY M O	802
	NOT APPLICABLE	3,53,942	6	78/01/70	CLERK	34	AB	D P JAWLE	506
	NOT APPLICABLE	869,70,6	91	08/11/80	LEADING HAND	39	X	∃VAGA9 9 G	210
	NOT APPLICABLE	4,30,126	50	21/06/77	GEN.OPR.	07	AIII	TTAH8 A CI	112
	NOT APPLICABLE	3,12,633	13	17/11/83	PRO.TECH.	37	BRC	D B SHINDE	212
	NOT APPLICABLE	3,44,134	18	12/05/79	GEN.OPR.	43	XI	D S ACHAREKAR	213
	NOT APPLICABLE	3,25,394	11	05/05/83	FIRE OPR.	68	OSS	D S BHOSALE	214
	NOT APPLICABLE	5,13,992	81	20/02/79	.R9O.ITU	19	HSC	D S DHAMANKAR	215
	NOT APPLICABLE	383,88,8	41	12/01/83	LEADING HAND GEN.OPR.	36	XI	D S KUDALKAR	712
	NOT APPLICABLE NOT APPLICABLE	3,22,290	91	77/01/60	GEN.OPR.	77	SSC	HAWA9 2 G	218
	NOT APPLICABLE	3,45,247	91	18/10/91	GEN,OPR,	17	X	D S HUMDE	219
	NOT APPLICABLE	670,88,8	12	92/60/1	CLERK	42	B COM	D V BAKRE	220
	NOT APPLICABLE	3,35,683	18	87/01/20	GEN.OPR.	37	XI	D W MORE	221
	NOT APPLICABLE	3,14,332	11	10/10/85	FORKLIFT OPR.	33	IIA	DAMODAR M KOLI	222
	NOT APPLICABLE	3,32,952	11	10/10/85	GEN.OPR.	34	IIIA	JITA9 ABOHTIV RADOMAD	223
	NOT APPLICABLE	3,14,772	6	03/05/89	PRO.TECH.	30	HSC, NCTVT	<b>GATDAL B JAINAO</b>	224
	NOT APPLICABLE	3,32,734	11	25/10/79	GEN.OPR.	04	XI	DATTARAM 8 GAIKAR	555
	NOT APPLICABLE	6,39,380	49	82/60/02	DRIVER	Lt	SSC	JALNUÐ N MARATTAD	226
	NOT APPLICABLE	3,60,482	11	27/02/86	<b>CRAFTSMAN</b>	37	SSA9 HTIIIV	EDWAT RIMARATTAD	227

SR. NO.	NAME	QUALIFICATION	AGE		ATE OF COM- MENCEMENT OF EMPLOY- MENT		REMU- NERA- TION	PARTICULARS OF LAST. EMPLOYMENT	PERIOD- YEARS/ MONTHS
228	DATTATRAY L YEREKAR	BSC	47	CLERK/TYPIST	19/11/79	17	3,76,632	NOT APPLICABLE	
229	DATTATRAYA GONDHALEKAR	SSC,NCTVT	36	CRAFTSMAN	17/09/84	13	3,23,337	NOT APPLICABLE	
30	DAYAVATHI NAVEEN PUTHRA	B.COM	37	CLERK	17/08/84	13	3,40,072	NOT APPLICABLE	
31	DEDHIA V K	NCTVT	35	MAINT OFFICER	09/09/85	13	3,30,642	ONGC - URAN TERMINAL MAINT FITTER	7 MTHS
232	DEELIP L GAONKAR	B.COM.	30	CLERK/TYPIST	07/04/86	11	3,60,459	NOT APPLICABLE	
33	DEEPAK B PATIL	SSC, NCTVT	35	CRAFTSMAN	20/01/87	10	3,21,057	NOT APPLICABLE	
34	DEEPAK G TATARIA	В СОМ	40	CLERK	24/06/80	17	4,19,335	NOT APPLICABLE	
35	DEEPAK H WORLIKAR	VIII	49	GEN.OPR.	07/12/79	17	3,18,294	NOT APPLICABLE	
36	DEEPAK P MORE	SSC	43	CRAFTSMAN	06/01/78				
37	DEEPAK VANAGE	BSC	34	PRO.TECH.		19	4,66,443	NOT APPLICABLE	
					19/03/86	11	3,62,979	NOT APPLICABLE	
38	* DESAI SR DEVALBEN K BORICHA	INT COMMERCE SSC	42	ADMIN OFF (CANTEENS) GEN.OPR.		23	5,42,046	BAYER INDIA PVT. LTD. APPRENTICE	1 YEAR
					02/01/80	17	3,00,014	NOT APPLICABLE	
40	DEVDAS C KOLI	SSC	41	CRAFTSMAN	10/08/78	19	4,44,594	NOT APPLICABLE	
41	DHANESH H GIRI	SSC,NCTVT,ITES,	31	CRAFTSMAN	12/05/86	11	3,64,243	NOT APPLICABLE	
42	* DHOND V H *	RADIO SERVS	58	SR. MAINT MGR(INSTR)	29/06/59	37	2,70,333	NOT APPLICABLE	
243	* DIGAMBER J LAD	SSC,ITI	37	CRAFTSMAN	28/07/86	11	3,00,539	NOT APPLICABLE	
44	* DILIP D SHINDE	SSC	40	CRAFTSMAN	06/05/86	11	3,56,279	NOT APPLICABLE	
45	* DILIP M DOIPHODE	SSC, NCTVT	34	CRAFTSMAN	06/05/86	11	3,43,302	NOT APPLICABLE	
46	* DILIP V MAVLANKAR	SSC	37	UTI.OPR.	09/05/86	11	3,82,344	NOT APPLICABLE	
47	DINESH JOSHI	B SC	45	MANAGER MUMBAI RESI LER DIVISION	EL- 26/09/81	21	3,09,271	MEDICAL REPRESENTATIVE	3 YEARS
48	DINECH K LOVECAONKAD	BSC	0.4	PRO.TECH.	40104100			INDO-PHARMA	1 MTH
	DINESH K LOKEGAONKAR	777	34		13/01/86	11	3,97,996	NOT APPLICABLE	
49	DINESH M SINGH	SSC,NCTVT	33	CRAFTSMAN	03/09/84	13	3,01,942	NOT APPLICABLE	
50	DINESH R DHURU	SSC,NCTVT	38	CRAFTSMAN	19/05/86	11	3,48,699	NOT APPLICABLE	
51	DINKAR B MADKE	SSC,NCTVT	41	UTI.OPR.	11/06/84	13	4,30,766	NOT APPLICABLE	
52	DNYANDEO V PATIL	SSC,NCTVT	33	CRAFTSMAN	01/04/85	12	4,13,765	NOT APPLICABLE	
53	DNYANESHWAR B NAIK	BSC,NCTVT	33	PRO.TECH.	02/09/85	12	3,08,404	NOT APPLICABLE	
54	DNYANESHWAR M SON	M COM	34	CLERK/TYPIST	09/05/90	7	3,31,379	NOT APPLICABLE	
55	DNYANOBA MAHANGARE	IX	42	GEN.OPR.	27/06/77	20	3,54,693	NOT APPLICABLE	
56	DOMNIC T ISSAC	HSC,NCTVT	34	CRAFTSMAN	25/11/85	11	3,30,359	NOT APPLICABLE	
57	DOMNIC T.LOPES	SSC,ITI	44	CRAFTSMAN	06/10/77	19	5,82,561	NOT APPLICABLE	
58	DONATO JOSEPH PINTO	HSC	36	UTI.OPR.	16/05/79	18	5,05,883	NOT APPLICABLE	
59	* DROOGE C S	SR. CAMBRIDGE	58	DY MGR. EFF.RESEARCH		41	45,558	NOT APPLICABLE	
60	DSOUZA LW (MRS)	B COM	38	SECRETARY	19/03/84	18	3,33,836	JAY ENTERPRISES STENOGRAPHER	4 YEARS
61	* DSOUZA RE	BSC	36	MATERIALS OFFICER	16/04/84	16	3,02,463	BIDEO STUDS PVT LTD	1 YEAR
62	DUTTA SK	B TECH CIVIL M I E	55	GM SPL. DUTIES	16/09/63	33	3,08,512	APP ENGG APEEJAY STRUCTURALS LTD	1 MTH
63	E B PALANDE	IX	36	GEN.OPR.	01/10/81	15	3,09,569	NOT APPLICABLE	
64	E L FERNANDES	IXTH PASS	34	LEADING HAND	04/01/83	14	3,21,668	NOT APPLICABLE	
65	EAPEN G	INTER SCIENCE	57	DGM EFF. RESEARCH	01/06/64	33	3,12,358	COST CLERK MERCURY PAINTS, BOMBAY	1 YEAR 4 MTHS
66	EKNATH B KOLI	SSC,NCTVT	34	CRAFTSMAN	06/07/84	13	3,81,018	NOT APPLICABLE	
67	G B GHOGALE	SSC	41	GEN.OPR.	29/12/80	16	3,22,413	NOT APPLICABLE	
68	G B PAWAR	VII	55	GEN.OPR.	18/09/76	21	3,06,745	NOT APPLICABLE	
69	G C SALI	SSC,NCTVT	39						
70		SSC,NCTVT		CRAFTSMAN	23/05/83	14	4,13,459	NOT APPLICABLE	
	G D DESAL		42	CRAFTSMAN	15/12/81	15	4,15,019	NOT APPLICABLE	
71	G D JAMSUTKAR	SSC	36	CRAFTSMAN	22/09/82	15	3,84,934	NOT APPLICABLE	
72	G G BASWAT	VII	44	GEN.OPR.	02/05/79	18	3,42,501	NOT APPLICABLE	
73	G G VALANJU	SSC,NCTVT	41	CRAFTSMAN	27/04/77	20	3,83,500	NOT APPLICABLE	
74	G J SAMANT	SSC,NCTVT	34	CRAFTSMAN	05/04/83	14	4,41,905	NOT APPLICABLE	
75	G K LONDHE	IX	46	GEN.OPR.	28/10/80	16	3,07,766	NOT APPLICABLE	
76	G K MAILI	VII	38	GEN.OPR.	15/09/81	16	3,18,566	NOT APPLICABLE	
		VI	55	GEN.OPR.	18/08/80	17	3,18,078	NOT APPLICABLE	

PERIOD- YEARS/ MONTHS	PARTICULARS OF LAST. EMPLOYMENT	-AREM- NOIT		MENCEMENT OF EMPLOY- MENT		AGE	OUALIFICATION	N W M E	.F
	NOT APPLICABLE	3,20,999	51	20/09/76	FIRE OPR.	94	IIA	G N SONSURKAR	8
	NOT APPLICABLE	4,24,370	15	01/12/81	CHAFTSMAN	38	SSC,NCTVT	G H GAIKWAD	6
	NOT APPLICABLE	4,58,365	. 50	12/09/77	CRAFTSMAN	07	SSC,NCTVT	G S DEOBUKHKAR	0
	NOT APPLICABLE	3,77,680	11	17/12/85	DRIVER	36	XI	GAHNINATH R KEKAN	1
1 YEAR	GODHE1 & BOYCE	2,53,005	14	68/80/40	мев (месн)ьвол сегг	37	BE (WECH)	* GAIKWAD F P*	7
	MAINT ENGINEER	770000	V	40/00/10	990 [11]	UV	TUTON 092	IITAQ IA IAAIAAI AB	E
	NOT APPLICABLE	3,62,611	6	88/80/40	UTI.OPR. CRAFTSMAN	14	SSC, NCTVT	JITAS N NANALAÐ BNAWAJ R NANALAÐ	t 'E
	NOT APPLICABLE NOT APPLICABLE	960,79,6 36,094,6	61	87/10/70 87/10/70	CRAFTSMAN	99	IIA	GAJENDRA N GANGURDE	2
	BJBAOLISTA TON	168 03 4	61	22/01/90	CRAFTSMAN	17	SSC, NCTVT	GANESH D SUSVIRKAR	9
	NOT APPLICABLE	3,62,255	15	01/04/82	CRAFTSMAN	33	SSC,NCTVT	GANESH S VENGURLEKAR	1
	NOT APPLICABLE	3,26,770	11	04/11/82	.A90.ITU	33	SSC	GANESH V RANAMADE	8
	NOT APPLICABLE	3,03,137	9	16/01/20	CRAFTSMAN	34	OSS	GANESH VAITY	6
	SALES	3,37,289	96	9/10/10	DGM SALES	19	AR PGD PM IR	LNAFIAGAĐNAĐ	(
4 YEARS	REPRESENTATIVE	comi : nin		*****	SOUTHERN REGION		LABOUR WELFARE	COLUMN TO A STATE OF THE PARTY	
	O OODABOT JAIREPMI				212 ne = () = = = = = = = = = = = = = = = = =				
	NOT APPLICABLE	3,07,590	2	16/11/10	MALE NURSE	38	NURSING	GAUTAM BHIKU PAWAR	
	NOT APPLICABLE	847,81,3	18	62/60/01	CRAFTSMAN	38	SSC,NCTVT	FINAN S MATUAD	1
	NOT APPLICABLE	3,53,423	p1	21/02/83	CLERK	07	AB	<b>GEETHA STEPHEN</b>	
	NOT APPLICABLE	3,38,125	10	28/10/86	CLERK	97	AB	GEORGE D'CUNHA	
	NOT APPLICABLE	3,72,642	11	12/05/86	CRAFTSMAN	35	HSC,NCTVT	GIRISH H NABAR	
	NOT APPLICABLE	2,07,671	04		DY MGR. EFF.RESEARCH	89	STRA RETVI	. GONSALVES M E	
	NOT APPLICABLE	3,22,931	13	23/04/84	PRO.TECH.	38	BSC	* GOPAL V CHOUDHARI	
3 YEAR	ASSTT. ENGG.	3,82,708	35	14/12/64	CH.MANAGER LUBS	88	BE (MECH)	T HTANI900 *	
	JATEMI8						B.SC., CHEM		
	BEARINGS LTD								
	NOT APPLICABLE	941,78,4	14	01/03/83	CLERK	14	B.COM	FIAN A NAHTANI900 *	
SYEAR	L.C. BORA	4,06,935	18	24/12/81	OPS OFF (PROD DESP)	38	1STYR SC,	* GOSWAMI PN	
	ТЕСНИІСІАИ (FITTER)						NCTVT,CERT		
				7 0,20,00	7102 10		BOILER OPERATOR	COURT CHILDNE	
	NOT APPLICABLE	3,62,257	13	<b>\$8/20/90</b>	CLERK	37	AB	GOURI L CHHANE	
	NOT APPLICABLE	3,18,893	11	28/07/86	CRAFTSMAN	34	SSC, NCTVT	GOVIND S REVANKAR	
	NATRUDUIH	119,88,8	91	<b>\$8/90/10</b>	MAINT OFFICER (INST)	34	B.A., NCTVT	* GULATI VINOD KUMAR	
3 YEARS	PETROLEUM CORP.						(INST MECH)		
	INST. MECH. (CHEM.)	****	-	00/01/01	din zoid nod	**	ם פס יבו בס ביוס	N d VIdilo	
3 YEARS	SALES ENGG	3,15,009	55	15/10/85	DGM DIST, WR	44	B'SC (ELEC. ENG	M R ATAUD	
	MACNEIL & MAGOR						G), M.B.A.		
	CTD	000 30 0		10/00/21	ADMINI OCC IOANTECTION	30	MA (ECO) DID	GI IBKHE WE	
סאביים	BOMBAY	3,35,283	12	18/90/91	ADMIN OFF (CANTEENS)	38	MA (ECO), DIP	CURKHE MB	
SYEARS	TELEPHONE OPERATE						LABOUR LAW,		
HC	TELEPHONE OPERATO	000000	2+	10/10/01	MAMOTTAGO	96	DIPIND REL & PM	H A SUBVE	9
	NOT APPLICABLE	3,40,439	91	18/01/61	CRAFTSMAN	96	IIIA	H B KALE	
	NOT APPLICABLE	738,987	91	18/06/91	CRAFTSMAN	6E	OSS	H B SONONE	1
	NOT APPLICABLE	4,08,574	14	01/10/82	CLERK	43	A8 IIV	H G PATEL	(
	NOT APPLICABLE	3,00,716	91	29/10/80	FOCO DEINER GEN'OBB'	38	SSC	DAYYAD H	
	NOT APPLICABLE NOT APPLICABLE	999'02'8	16	12/09/77	CRAFTSMAN	43	SSC,NCTVT	H S DEORUKHKAR	
	NOT APPLICABLE	3,47,638	10	98/11/01	DHIVER	35	SSA9 HTIIV	HANMANT D KOKARE	
	NOT APPLICABLE	4,32,653	12	17/12/84	JTI.OPR.	40	SSC, NCTVT, BOILE	HAMMAN'T L SHIRKE	
	NOT APPLICABLE	4,01,900	51	₱8/60/Z1	CRAFTSMAN	98	SSC, ITI	MADAN R YADAM	
	NOT APPLICABLE	713,38,5	71	01/02/80	CRAFTSMAN	36	XI	HANUMANT B KOKARE	
	NOT APPLICABLE	4,35,413	14	04/04/83	.A9O.ITU	43	SSC,NCTVT	HANUMANTA D KAMPUR	!
	NOT APPLICABLE	3,22,315	01	78/10/65	CLERK	75	B.COM	HARESHWAR WORLIKAR	
	JABADIJA9A TON	467,81,8	91	02/12/80	GEN,OPR.	04	X	HARIKRISHNA T SABAT	8
	NOT APPLICABLE	3,66,765	13	12/09/84	CRAFTSMAN	46	SSC, NCTVT	YTIAV A MARIBAH	6
	NOT APPLICABLE	3,87,403	01	25/03/87	.A9O.ITU	33	BSC	YTT3HS B HSIRAH	(
	NOT APPLICABLE	4,16,639	12	05/09/82	CRAFTSMAN	33	HSC	H B KULKARNI	1
	NOT APPLICABLE	4,89,623	18	67/60/01	CRAFTSMAN	38	SSC,NCTVT	HARISHCHANDRA V PATIL	i
	NOT APPLICABLE	036,61,6	01	14/09/87	CRAFTSMAN	30	HSC	SAID M H9320L YARAH	1
	NOT APPLICABLE	151,19,5	15	48/01/10	CRAFTSMAN	34	SSC, NCTVT, ITE	HARUNKHAN I PATHAN	
			22	18/70/10	ED JV REFINERIES	67	BE (MECH)	S 8 L AIROOSAH	

SR. NO.	NAME	QUALIFICATION	AGE	DESIGNATION/ NATURE OF DUTIES	DATE OF COM- MENCEMENT OF EMPLOY- MENT	TOTAL NO. OF YEARS EXPE- RIENCE	REMU- NERA- TION	PARTICULARS OF LAST. EMPLOYMENT	PERIOD- YEARS/ MONTHS
	<del></del>	-						DEDT OF	CATUO
								DEPT. OF ATOMIC ENERGY	6 MTHS
326	HEMANT D GHADGE	HSC, IND.SECU	35	CRAFT FIT/MAC/MEC.	17/11/86	10	3,08,408	NOT APPLICABLE	
327	HEMANT P SHAMBHUDAS	IXTH PASS	38	GEN.OPR.	20/03/84	13	3,12,239	NOT APPLICABLE	
328	HINDURAO A THORAT	VIII	34	GEN.OPR.	30/12/85	11	3,18,518	NOT APPLICABLE	
329	HOSHIYARSINGH S DEHIYA	HSC, NCTVT	29	PRO.TECH.	22/09/88	9	3,13,887	NOT APPLICABLE	
330	IEZAZ PATEL	M.COM	37	CLERK	30/06/83	14	4,05,062	NOT APPLICABLE	
331	IGNATIUS J FERNANDES	BSC,NCTVT	39	PRO.TECH.	07/05/85	12	3,19,058	NOT APPLICABLE	
332	INDUMATI LANDE	BCOM	31	CLERK	05/03/87	10	3,16,720	NOT APPLICABLE	
333	IQUBALUDDIN R	VIII	34	GEN.OPR.	11/10/85	11	3,05,376	NOT APPLICABLE	
334	J A MAMPILLY	SSC,NCTVT	37	CRAFTSMAN	01/09/81	16	4,12,204	NOT APPLICABLE	
335	J B ARANHA	SSC,NCTVT	38	CRAFTSMAN	02/06/81	16	4,10,675	NOT APPLICABLE	
336	J B JADHAV	VII	40	GEN.OPR.	24/08/81	16	3,02,712	NOT APPLICABLE	
337	J B KADAM	BSC	37	PRO.TECH.	16/11/83	13	4,16,656	NOT APPLICABLE	
338	J B ROKDE	SSC	39	CRAFTSMAN	18/12/81	15	3,81,310	NOT APPLICABLE	
339	J C MUSALE	SSC,ITI	48	CRAFTSMAN	01/10/76	20	5,04,406	NOT APPLICABLE	
340	J G GAONKAR	X	42	GEN.OPR.	13/01/81	16	3,05,586	NOT APPLICABLE	
341	J G PARAB	IX	42	GEN.OPR.	27/08/80	17	3,18,170	NOT APPLICABLE	
342	J JOSE	SSC	54	UTI.OPR.	17/05/83	14	4,33,693	NOT APPLICABLE	
343	J K KOLI	VII	46	CRAFTSMAN	05/11/81	15	5,80,690	NOT APPLICABLE	
344	J L RANE	IX	41	GEN.OPR.	29/10/80	16	3,13,871	NOT APPLICABLE	
345	J M D SILVA	SSC,NCTVT	34	CRAFTSMAN	02/12/83	13	3,51,843	NOT APPLICABLE	
346	J M JADHAV	SSC,NCTVT	42	CRAFTSMAN	21/12/81	15	4,48,899	NOT APPLICABLE	
347	J NOEL	SSC	41	PRO.TECH.	22/06/77	20	3,81,498	NOT APPLICABLE	
348	J S DAS	VII	41	GEN.OPR.	10/11/78	18	3,55,668	NOT APPLICABLE	
349	J S KAKADE	IX	42	GEN.OPR.	06/01/81	16	3,11,426	NOT APPLICABLE	
350	J T KOLI	IX	40	LEADING HAND	15/02/79	18	3,68,701	NOT APPLICABLE	
351	JAGANNATH S GHORPADE	X	40	FIRE OPR.	23/09/85	12	3,22,479	NOT APPLICABLE	
352	JAGDISH D BHOIR	SSC,NCTVT	40	CRAFTSMAN	11/09/79	18	4,37,086	NOT APPLICABLE	
353	JAGDISH H SHINDE	BSC	34	UTI.OPR.	27/03/87	10	3,45,881	NOT APPLICABLE	
354	JAGDISH R PATEL	SSC,NCTVT	36	CRAFTSMAN	22/01/86	11	3,24,118	NOT APPLICABLE	
355	* JAIN M K	BA	58	DY. MGR, ACCOUNTS N		39	3,67,555	NOT APPLICABLE	
356	* JAIN S K	B SC (ENGG-PROD N) ADPE, LLB	48	GM DEPUTED TO PII	06/08/82	26	1,61,911	PLNG MGR (WORKS) IBP	5 YEARS
357	JAIRAM V DHURI	SSC, NCTVT	35	CRAFTSMAN	23/06/87	10	3,25,594	NOT APPLICABLE	
358	JANARDAN B ROKADE	SSC	38	DRIVER	18/06/86	11	3,62,312	NOT APPLICABLE	
359	JANARDAN BHOIR	BA	40	CLERK/TYPIST	06/10/86	10	3,89,268	NOT APPLICABLE	
360	JANARDHAN SAJAN TAMBE	SSC	41	CLERK	18/10/77	19	4,56,950	NOT APPLICABLE	
61	JAYANT S HAJARE	SSC	37	CRAFTSMAN	03/04/89	8	3,39,112	NOT APPLICABLE	
362	JAYASANKAR KS	B.COM DIP.IN PER.MGMT	30	SECRETARY	06/04/87	12	3,01,869	MODERN WATER PROOFING	3 YEARS
200	INVOING ARA DUIGE	v	40	LEADING HAND	10/01/27	00	0.70.075	STENOGRAPHER	
363	JAYSING ABA BHISE	X	42	LEADING HAND	12/04/77	20	3,79,075	NOT APPLICABLE	
364	JEETLAL R YADAV	HSC	40	GEN.OPR.	27/06/77	20	3,29,892	NOT APPLICABLE	
365 366	JEEVAN P CHAUDHARI JOHN A FERNANDES	BSC HSC NCTVT	35	PRO.TECH.	28/06/84	13	3,04,190	NOT APPLICABLE	
366 367		HSC, NCTVT	31	CRAFTSMAN	15/06/87	10	3,30,871	NOT APPLICABLE	
367	JOHNSON I GONSALVES	SSC, ITI	35	CRAFTSMAN	29/07/86	11	3,61,320	NOT APPLICABLE	
368 369	JOSEPH JOSEPH J MONTEIRO	BA SSC	45 40	CLERK CLERK	01/09/82	15 19	4,10,791 5,43,594	NOT APPLICABLE	
					03/10/77			NOT APPLICABLE	
370 371	JOSEPH S RATHOS JOSHI S K	SSC, NCTVT B.COM/C A	38	CRAFTSMAN	13/01/86	11	3,01,987	NOT APPLICABLE	7 MTHS
1.13	JOSHISK	B.COM/C A	45	GM FINANCE	13/02/78	24	3,10,591	ASSTT. ACCOUNTANT TIFR	/ WITHS
372	JOSY D PEREIRA	B.COM.	42	CLERK	20/09/82	15	4,57,422	NOT APPLICABLE	
373	K B KAMBLE	IXTH PASS	34	GEN.OPR.	22/09/86	11	3,17,408	NOT APPLICABLE	
374	K B MAJHI	VIII	37	GEN.OPR.	15/09/81	16	3,22,187	NOT APPLICABLE	
375	K B TARE	VII	41	GEN.OPR.	25/11/81	15	3,21,268	NOT APPLICABLE	
376	K B YADAV	HSC	47	CRAFTSMAN	02/10/78	18	4,72,581	NOT APPLICABLE	
377	K C GAIKAR	VIII	41	GEN.OPR.	05/01/81	16	3,22,717	NOT APPLICABLE	
378	K D RATHOD	VII	41	GEN.OPR.	15/04/77	20	3,18,932	NOT APPLICABLE	
379	K D WAITY	SSC,NCTVT	40	CRAFTSMAN	04/04/83	14	4,48,603	NOT APPLICABLE	
380	K G ANGANE	SSC,NCTVT	37	CRAFTSMAN	21/01/86	11	3,60,281	NOT APPLICABLE	
381	K G JADHAV	IX	57	GEN.OPR.	27/09/82	15	3,03,513	NOT APPLICABLE	

	NOT APPLICABLE	3,23,341	01 6	10/06/87	CHAFTSMAN	30	2SC 2SC	LESLEY & ARTHUR	434
	NOT APPLICABLE	5,30,404	81	30/05/15	CLERK	43	BSC	LAXMAN B POTE	432
	NOT APPLICABLE	796,03,E	41	01/02/80	GEN.OPR.	97	XI	9AJAM 8 NAMXAJ	431
	NOT APPLICABLE	4,57,894	11	03/05/86	CRAFTSMAN	36	SSC,NCTVT	LANCY C RODRIGUES	430
SHABY S SHTM S	DIR (OPS) MRL	3,90,710	72	98/90/62	DIRECTOR REFINERIES	09	B TECH PGDBA	* LALM B	459
OVEADO	NOT APPLICABLE	3,06,323	91	03/12/80	GEN.OPR.	43	X	L S PUKALE	428
	NOT APPLICABLE	3,88,534	10	78/09/82	CLERK	32	BSC	L S LAKKAPATRI	427
	NOT APPLICABLE	4,36,717	91	11/12/81	CRAFTSMAN	07	SSC,NCTVT	L S D'SOUZA	426
	NOT APPLICABLE	5,35,35,5	18	15/02/79	GEN.OPR.	19	XI	L N AWATE	425
	NOT APPLICABLE	4,23,745	81	87/11/80	CRAFTSMAN	17	IIIA	L G BUTHELLO	424
	NOT APPLICABLE	3,83,264	11	98/40/60	MALE NURSE	99	oss	KUNJURAMAN V	423
	NOT APPLICABLE	3,28,250	g	16/01/01	DRIVER	30	IIA	KUMARBHADRA KAMBLE	422
	NOT APPLICABLE	3'35,529	10	18/90/91	CRAFTSMAN	16	HSC, NCTVT	KRISHNAN RAMACHANDRAN	421
	CONTROL IBP,								
SHTM 8	DY, REGIONAL, FIN.	3,25,466	53	12/15/85	GM COORDINATION	tt	B 2C HON2	KRISHNAMURTI S	450
	NOT APPLICABLE	3,25,355	13	<b>\$8/20/60</b>	PRO.TECH.	98	BSC	* KRISHNAMURTHY N IYER	614
	NOT APPLICABLE	3,78,829	13	<b>\$8/10/90</b>	CRAFTSMAN	98	SSC,NCTVT	* KRISHNAKANT H PATIL	814
	NOT APPLICABLE	3,43,299	10	Z8/90/EZ	CRAFTSMAN	32	HSC, NCTVT	* KHISHNA N REDDY	110
	NOT APPLICABLE	3,16,156	<b>L</b> L	27/08/80	GEN.OPR.	43	XI	* KRISHNA DHONDIBA KALE	917
							MGMT		
	NOT APPLICABLE	3,92,064	34	29/01/10	GM SR	83	MSC, IPS, DIP SLS	* KOSHY T K	917
	NOT APPLICABLE	697,00,€	11	30/12/85	GEN.OPR.	35	1IA	* KONDIBA R TATLE	414
	SR MECH D/MAN				SHEFF				
SHAHY 8	ENDESCO PVT LTD	2,06,734	18	77/10/20	MGR ON DEP BHARAT	83	BSC' DWE	* KOHFI M S*	614
	NOT APPLICABLE	3,67,269	6	88/70/40	.A90.ITU	14	SSC, NCTVT, B.A.	KISHOBKNWAR J MODH	412
	NOT APPLICABLE	3,26,528	10	11/09/87	CRAFTSMAN	16	HSC,NCTVT	KISHOBE KUMAR A NAIR	114
	NOT APPLICABLE	3,12,184	10	11/09/87	CHAFTSMAN	30	HSC,NCTVT	KISHOR G WARANG	014
	NOT APPLICABLE	3,23,451	12	03/12/84	MGR SCH & BLNDG	32	B E(CHEM)	V S TARAHX	601
	NOT APPLICABLE	3,04,785	SO	LL/60/10	GM OPS REFINERY	97	B TECH (CHEM)	KHANDARE S P	804
	NOT APPLICABLE	4,38,052	11	98/10/41	CRAFTSMAN	38	SSC, NCTVT	KESHAVAN P PILLAY	Z07
	NOT APPLICABLE	3,49,202	12	30/05/85	CRAFTSMAN	32	SSC, NCTVT	KESHAV R MATHAD	904
200000	NOT APPLICABLE	3,21,186	01	98/11/40	CRAFTSMAN	32	SSC, ITI	KAWJALGI M BANDERAO	904
SHTM 7	RCF	a collecte	-				( , , , , , )		
SRABYSI	PLANT ENGR.	3,12,470	56	98/60/6Z	DGM MAINT. REFINERY	Lt	B E (WECH)	KAUL M K	404
SHTM 8	CHEMICALS  NOT APPLICABLE	999'89'7	61	77/01/61	CRAFTSMAN	42	PROGRAMMING SSC,NCTVT	KASHINATH V WAYAL	403
CUMPLIC	PLASTIC RESINS &	5,70,059	56	02/02/77	рем (речесормемт)	67	B.TECH (CHEM), DIP. IN FORTRAN	* KARTHIKEYAN P S	402
SEASY S		947,87,E	11		CRAFTSMAN  CRAFTSMAN	10		KAMOD M KOLI	104
	NOT APPLICABLE	699'99'E	13	30/05/84	CRAFTSMAN	66	IX SSC, NCTVT	KAKA V PAWAR	007
	ELECTRICIAN NOT APPLICABLE	3 56 660	G.F	DOIDEIDA	MANAZTANDO	06	NCTVT (ELECT)	KAKA W DAIMAD	UUV
2 YEARS	LT.I.	₹98,06,5	91	01/02/83	ESTATES OFFICER	36	SSC, ITI	* KADAM VB	368
201770	NOT APPLICABLE	739.00.₽	61	28/10/77	CRAFTSMAN	63	III 293	K T THORAT	868
	NOT APPLICABLE	309 00 1	15	28/07/82	CRAFTSMAN	97	SSC	K SHARMA	268
	NOT APPLICABLE	4,08,005	11	98/20/80	CLERK	07	B.COM	K S SWAMINATHAN	968
	NOT APPLICABLE	3,03,901	91	18/11/60	GEN.OPR.	28	X	K S SHRINIVASAN	968
	NOT APPLICABLE	4,16,319	11	08/10/82	CLERK	88	B.A.	K S R MURTHY	360
	NOT APPLICABLE	3,07,543	13	26/03/84	CLERK	17	AM	K S PRABHAKARAN	393
	NOT APPLICABLE	6,16,153	91	18/90/90	CRAFTSMAN	42	HSC,NCTVT	K S PARAB	392
	NOT APPLICABLE	396,74,8	51	92/60/1	GEN.OPR.	19	AI.	K 2 CAMPLE	391
	NOT APPLICABLE	3,01,406	13	15/02/84	РЯО.ТЕСН,	98	BRC	K PHILIP THOMAS	390
	NOT APPLICABLE	4,23,383	13	01/12/83	CRAFTSMAN	76	SSC,NCTVT	K P PATIL	389
	NOT APPLICABLE	3,80,930	18	02/10/78	CRAFTSMAN	bb	SSC	K N PATEL	886
	NOT APPLICABLE	3,32,668	81	15/02/79	GEN.OPR.	84	XI	K M SAWANT	785
	NOT APPLICABLE	614,14,6	91	18/10/10	GEN.OPR.	17	SSC,ITI	K M PATIL	988
	NOT APPLICABLE	3'60'604	11	98/60/01	CRAFTSMAN	32	HSC, NCTVT	K L CHANDNA	385
	NOT APPLICABLE	3,52,133	13	78/60/90	CRAFTSMAN	45	SSC, NCTVT	K K WARKHADE	984
	NOT APPLICABLE	4,74,339	91	18/90/90	CRAFTSMAN	04	SSC,NCTVT	K J MAHADIK	585
	NOT APPLICABLE	3,61,966	61	77/01/71	РВО.ТЕСН.	97	SSC,NCTVT	K 1 AUGUSTINE	382
	-		BIENCE	MENT	DUTIES		and a second control		
SHTNOM	I S PRINTED A COMMISSION	MOU	7 11/7	-107 107 10					1011
	EMPLOYMENT	NOIT	EXPE-	OF EMPLOY-	NATURE OF	AGE	MOITACIFICATION	<b>JMAN</b>	ON.
PERIOD-	PARTICULARS OF LAST. EMPLOYMENT	-UM∃A -AA∃N NOIT	OF YEARS	MENCEMENT OF EMPLOY-	DESIGNATION	39A	NOITACIFICATION	3 M A N	SR.

R. NO.	NAME	QUALIFICATION	AGE	DESIGNATION/ NATURE OF DUTIES	DATE OF COM- MENCEMENT OF EMPLOY- MENT		REMU- NERA- TION	PARTICULARS OF LAST. EMPLOYMENT	PERIOD YEARS/ MONTH
35	M A MANE	IX	36	CRAFTSMAN			0.00.400	NOT ADDITION F	
36	M B BHANGRE	IX	35	GEN.OPR.	01/02/83	14	3,26,492	NOT APPLICABLE	
37		SSC			15/09/81	16	3,25,696	NOT APPLICABLE	
	M B DHANAWADE	SSC	51	GEN.OPR.	11/01/77	20	3,60,874	NOT APPLICABLE	
8	M B DURGAVALE		37	CRAFTSMAN	23/10/81	15	3,02,719	NOT APPLICABLE	
9	M B JAGTAP	VII	42	GEN.OPR.	15/01/81	16	3,27,035	NOT APPLICABLE	
0	M B KEDARE	SSC,NCTVT	43	CRAFTSMAN	05/05/81	16	4,27,354	NOT APPLICABLE	
1	M D HANKARE	VIII,BOILER-I	43	UTI.OPR.	19/08/80	17	4,60,603	NOT APPLICABLE	
2	M D KOLI	SSC	45	PRO.TECH.	03/11/77	19	3,40,485	NOT APPLICABLE	
3	M G CONTRACTOR	VII	43	GEN.OPR.	11/08/80	17	3,00,279	NOT APPLICABLE	
4	M G NAGESH	VIII	39	GEN.OPR.	07/01/81	16	3,14,970	NOT APPLICABLE	
5	M K BHAGWAT	SSC,NCTVT	37	PRO.TECH.	25/06/80	17	3,05,976	NOT APPLICABLE	
3	M K MALE	BSC	35	UTI.OPR.	01/06/87	10	3,29,269	NOT APPLICABLE	
7	M K SHIGREKAR	IX	37	CRAFTSMAN	20/10/81	15	3,83,659	NOT APPLICABLE	
3	M L KOLAGE	1X	37	GEN.OPR.	16/10/81	15	3,00,995	NOT APPLICABLE	
9	M M FAROOQUI	HSC	47	FIRE OPR.	31/10/80	16	4,73,561	NOT APPLICABLE	
)	M M NILANKAR	X	42	GEN.OPR.	30/10/80	16	3,09,916	NOT APPLICABLE	
1	M MURALI	B.COM	37	CLERK	06/09/82	15	3,67,692	NOT APPLICABLE	
2	M P PILLAI	XTH PASS, DAE	56	CRAFTSMAN	05/10/81	15	3,68,805	NOT APPLICABLE	
3	M P SANKARAN	SSC	44	CRAFTSMAN	04/10/77	19	4,60,603	NOT APPLICABLE	
1	M R SAWANT	IX	40	GEN.OPR.	30/12/80	16	3,17,218	NOT APPLICABLE	
5	M R SINGH	HSC,NCTVT	35	CRAFTSMAN	02/09/83	14	4,59,569	NOT APPLICABLE	
3	MRTIKE	SSC,NCTVT	34	CRAFTSMAN	15/09/86	11	3,68,699	NOT APPLICABLE	
	M R VEVHARE	VIII	43	GEN.OPR.	01/12/78	18	3,37,632	NOT APPLICABLE	
	M RAMCHANDRA	HSC	42	CRAFTSMAN	04/07/77	20	4,79,943	NOT APPLICABLE	
	M S GILL	VIII	42	CRAFTSMAN	27/12/82	14	4,05,112	NOT APPLICABLE	
	M S LUTCHMAYA	SSC,NCTVT	39	CRAFTSMAN	06/11/81	15	4,21,249	NOT APPLICABLE	
	M S SHENOY	BSC							
			34	PRO.TECH.	02/09/83	14	3,26,776	NOT APPLICABLE	
	M S VAIDYA	BSC	36	PRO.TECH.	15/12/83	13	3,12,107	NOT APPLICABLE	
	MTSADAFULE	HSC	38	CRAFTSMAN	13/10/86	10	3,21,379	NOT APPLICABLE	
	MTTIWARI	IX	36	GEN.OPR.	15/02/79	18	3,48,860	NOT APPLICABLE	
	M.A.SUDERSANAN	BSC(BOT)	43	CLERK	05/10/81	15	4,62,494	NOT APPLICABLE	
	MADAN S PATIL	SSC,ITI	38	CRAFTSMAN	01/02/85	12	4,19,099	NOT APPLICABLE	
	MADHUKAR B DURGVALE	BSC	35	UTI.OPR.	11/06/84	13	4,26,615	NOT APPLICABLE	
1	MADHUKAR R SHINDE	SSC,ITI	36	CRAFTSMAN	09/09/85	12	3,34,930	NOT APPLICABLE	
	MADHURI V DESHMUKH	BA	43	CLERK	21/03/84	13	3,66,965	NOT APPLICABLE	
	MAHADEO B GADE	HSC	38	FIRE OPR.	01/03/77	20	4,37,661	NOT APPLICABLE	
	MAHADEO K MALI	SSC	34	CRAFTSMAN	12/05/86	11	3,91,702	NOT APPLICABLE	
	MAHADEO P KARAN	SSC	43	DRIVER	25/04/78	19	4,16,677	NOT APPLICABLE	
	MAHADEO R MAHADIK	SSC,NCTVT	45	FIRE OPR.	26/04/79	18	4,69,757	NOT APPLICABLE	
	MAHADEO V DIMBLE	SSC, ITI	33	CRAFTSMAN	16/02/87	10	3,60,635	NOT APPLICABLE	
	MAHAVIR N KAMBALE	BA	39	CLERK	24/11/83	13	4,64,756	NOT APPLICABLE	
	MAHDEO T JAGDALE	IX	47	GEN.OPR.	01/02/80	17	3,30,440	NOT APPLICABLE	
	MAHESH J GODSE	BSC,NCTVT	39	CRAFTSMAN	02/10/79	17	5,16,617	NOT APPLICABLE	
	MAHESH JOSHI	SSC,NCTVT	28	CRAFTSMAN	09/10/89	7	3,01,070	NOT APPLICABLE	
	MAHESH R RANE	SSC,NCTVT	37	CRAFTSMAN	07/01/85	12	3,36,099	NOT APPLICABLE	
	MAHESH R SAVANT	HSC,NCTVT	34	CRAFTSMAN	02/06/86	11	3,18,583	NOT APPLICABLE	
									OVEA
	MAHESHWARI S C	B E (MECH)	53	GM E&P REFINERY	01/07/82	29	3,21,523	SR. ENGR.	9 YEA
	MANALINADELLE	LIB	07	CLEDY	10/01/05	40	0.00.000	EIL NOT ADDI ICABLE	8 MTH
	MANALI NARSULE	L.L.B	37	CLERK	10/01/85	12	3,00,252	NOT APPLICABLE	
	MANDAR R GARDE	SSC, B.ATT	36	UTI.OPR.	29/10/87	9	3,58,580	NOT APPLICABLE	
	MANGESH A LAD	SSC,NCTVT	33	CRAFTSMAN	30/07/86	11	3,66,486	NOT APPLICABLE	
	MANIK H BOTRE	SSC	36	CRAFTSMAN	10/10/85	11	3,24,662	NOT APPLICABLE	
	MANIKASHETTI K S	B A ,BGL , LLB FCS	55	COMPANY SECY	04/05/87	27	3,00,373	COMPANY SECRETARY MSSIDC LTD, BOMBAY	2 YEA 2 MTH
	MANOHAR D SOMAN	BCOM	44	CLERK	25/10/77	19	5,42,951	NOT APPLICABLE	
	MANOHAR J MAHULKAR	HSC	33	UTI.OPR.	11/04/88	9	3,09,778	NOT APPLICABLE	
	MANOHARAN MOHAN	VIITH PASS	33	LOCO DRIVER	31/05/85	12	3,17,008	NOT APPLICABLE	
	MANOJ B NAGORE	SSC.NCTVT	35	CRAFTSMAN	10/09/85	12	3,05,859	NOT APPLICABLE	
	MANOJ V BORKAR	SSC, NCTVT	32	CRAFTSMAN	13/01/86	11	3,21,286	NOT APPLICABLE	
	MARK OWEN J MENDONSA	HSC,NCTVT	30	CRAFTSMAN	14/09/87	10	3,21,200	NOT APPLICABLE	

	NOT APPLICABLE NOT APPLICABLE	966,60,6 966,69,6	13	03/07/84	CRAFTSMAN FIRE OPR.	3E	SSC	HARENDRA G PAWAR NARESH A MORE	19
SO YEARS	CO, BANK PDIL DY SUPDT	75,328	28	88/20/10	SA MGR INSPECTION	19	MSC TECH.	8 O N & UJUYAANONAYAAAN *	64
	JAHTIV OARMAHS						A M A (PERS), LLB		
4 YEARS	ASST SECRETARY	898,64,8	54	62/10/10	GM CORPORATE AFFAIRS	97	B SC (HONS)	V C MUIUGUN	OH
OUVIN	NOT APPLICABLE	4,16,952	18	02/10/78	CRAFTSMAN	42	SSC (HOME)	A 8 NAYARAN	74 84
	NOT APPLICABLE	3,94,416	41	08/60/10	DRIVER	43		NARAYAN L PATEL	
	NOT APPLICABLE	3,22,178	11	98/10/91	CRAFTSMAN	34	SSC,NCTVT IX	HAPAYAN BABURAO DIGHE	97
	NOT APPLICABLE	4,36,776	13	18/60/50	CARETSMAN	33	HSC,NCTVT,D.M.E	NARASINGH M KAMESHWAR NARAYAN A RAWOOL	97
	NOT APPLICABLE	066'90'8	15	38/90/08	GEN.OPR.	32	VIII	IRALUA S AHMISARAN	643
	NOT APPLICABLE	4,02,339	15	05/09/85	CRAFTSMAN	34	HSC,NCTVT	NANDKISHORE G SHINDE	24
	NOT APPLICABLE	3,41,820	11	20/00/86	CRAFTSMAN	36	SSC	NANDKISHORE & SHIPURKAR	14
	NOT APPLICABLE	4,75,124	81	21/06/79	CRAFTSMAN	42	SSC,NCTVT	TAROHT 9 ROHSINGWAM	Ot
	NOT APPLICABLE	738,46,6	12	98/10/11	PRO.TECH.	32	BSC	NANDAKISHOR P VETKAR	68
	NOT APPLICABLE	836,84,8	11	25/11/85	CHAFTSMAN	32	HSC,NCTVT	NANDADEEP G WALVE	88
	NOT APPLICABLE	3,28,075	01	78/06/87	FEMALE NURSE	86	SSC	SAM BEANAW AGNAN	18
	NOT APPLICABLE	3,30,629	6	88/80/10	FIRE OPR.	43	SSC	NAMDEO S MAKASARE	98
	NOT APPLICABLE	3,20,086	12	28/02/85	GEN.OPR.	43	IIA	NAMDEO C VAITY	98
	NOT APPLICABLE	3,35,536	10	29/09/87	CLERK/TYPIST	34	BCOM	NAKUL LALA TEKALE	148
	NOT APPLICABLE	3,39,412	11	28/01/80	FIRE OPR.	30	IIA	NAGESH K NAIDU	23
	NOT APPLICABLE	3,27,378	Of	29/01/87	CLERK	28	AB	NABLE KOLI	25
	NOT APPLICABLE	4,72,934	81	87/01/81	CRAFTSMAN	14	SSC	N A SHENOA	11
	NOT APPLICABLE	3,07,999	91	12/01/81	GEN.OPR.	07	X	N V MORAJKAR	0
	NOT APPLICABLE	3,11,706	15	18/01/61	GEN.OPR.	07	χì	N V KOKITKAR	6
	NOT APPLICABLE	4,32,620	13	18/10/90	.A90.ITU	19	Sec	NT CHERIAN	8
	NOT APPLICABLE	3,72,848	13	20/03/84	PRO.TECH.	32	BSC	TUAR 2 M	7
	NOT APPLICABLE	3,19,580	91	27/07/81	GEN.OPR.	26	IIIA	N R KOKATE	9
	NOT APPLICABLE	3,66,062	91	18/10/08	LEADING HAND	14	X	N P NAGVEKAR	9
	NOT APPLICABLE	3,50,819	18	02/10/78	LOCO DRIVER	07	Sec	JITA9 M N	t
	NOT APPLICABLE	3,13,376	91	18/90/81	GEN.OPR.	01	XI	N M MANJAREKAR	8
	NOT APPLICABLE	3,05,498	81	02/10/78	FORKLIFT OPR,	43	SSA9 HTX	N M KHAN	2
	NOT APPLICABLE	3,18,910	12	28/60/70	.R90.ITU	07	X	N M BHALEKAR	1
	NOT APPLICABLE	3,14,583	41	20/08/80	GEN.OPR.	25	IIA	N K WALI	0
	NOT APPLICABLE	948,87,4	91	14/12/81	CRAFTSMAN	Lt	SSC	N K MAJUMDAR	6
	NOT APPLICABLE	4,06,553	41	14/08/80	PRO.TECH.	97	BSC	N K GHAISAS	8
	NOT APPLICABLE	4,39,262	14	88/90/90	CHAFTSMAN	28	SSC	N G TENDULKAR	7
	NOT APPLICABLE	4,31,107	12	22/09/82	NAMSTHARO	75	SSC,ITI	N G PATEL	9
	NOT APPLICABLE	3,29,713	81	87/11/30	GEN.OPR.	38	IIA	N G PATEL	9
	NOT APPLICABLE	946'61'9	61	84/90/40	DHIVER	45	IIA	N G CHOLEKAR	t
	NOT APPLICABLE	3,01,246	91	13/01/81	GEN.OPR.	Ot	XI	JARIAV O N	8
	NOT APPLICABLE	3,26,267	15	18/01/02	GEN.OPR.	68	IIA	HAYHAT U	2
	NOT APPLICABLE	3,09,186	91	18/01/22	GEN.OPR.	68	IIIA	TUAR G N	ì
	NOT APPLICABLE	4,19,153	11	28/40/90	FIRE OPR.	67	SSC	N D PAKKALA	(
	NOT APPLICABLE	2∠9'06'€	14	05/09/83	CRAFTSMAN	34	HSC,NCTVT	N B PANCHAL	-
	NOT APPLICABLE	5,15,052	91	18/90/90	NAMSTHARD	tt	SSC,NCTVT	N B NIKAM	8
	NOT APPLICABLE	3,13,412	13	21/11/83	PRO.TECH.	28	BSC	INA8MAHB 8 N	1
	NOT APPLICABLE	4,42,592	13	23/02/84	CRAFTSMAN	68	SSC,NCTVT	N B AROLKAR	9
	NOT APPLICABLE	3,23,244	11	08/60/10	GEN.OPR.	43	III	MUKUNDRAO R SA	9
	NOT APPLICABLE	3,49,214	10	78/70/10	.A90.ITU	98	SYJC, NCTVT	MUKUND R KULTHE	1
	NOT APPLICABLE	3,14,452	15	28/02/85	GEN.OPR.	36	IIA	MOZES P CHATYA	1
	NOT APPLICABLE	168,40,4	13	18/60/80	CRAFTSMAN	36	HSC,NCTVT	MOHD SHAKEEL M SHAIKH	-
	NOT APPLICABLE	3'05'826	11	21/05/86	PRO.TECH.	33	BSC	MOHAN N KHATRI	
	NOT APPLICABLE	3,99,831	15	05/09/85	CRAFTSMAN	33	HSC,NCTVT	MOHAN C GOPHANE	-
	NOT APPLICABLE	3,22,742	11	29/07/86	CRAFTSMAN	34	SSC, ITI	MILIND S THAKUR	
	NOT APPLICABLE	3,04,791	L	68/01/40	.A9O.ITU	56	SH	MICIND DESAI	
	NOT APPLICABLE	3,60,346	11	26/06/86	CRAFTSMAN	34	XITH, NCTVT		
	NOT APPLICABLE	4,44,401	11	98/90/81	DRIVER	32	SSA9 HTIIIV		
	NOT APPLICABLE	897,53,5	6	78/01/80	CLERK	31	BCOM		
	NOT APPLICABLE	3,25,611	91	27/07/81	GEN.OPR.	66	IIIA		
	NOT APPLICABLE	5,30,848	11	17/02/83	СГЕВК	14	A8		1
	Library and the		HIENCE	MENT	DUTIES		arran and		
SHTNOM	EMPLOYMENT	NOIT	EXPE-	PF EMPLOY-		AGE	QUALIFICATION	<b>J M A M</b>	,(
YEARS/	OF LAST.	-ARBN	OF YEARS	ENCEMENT	DESIGNATION M				F

SR. NO.	NAME	OUALIFICATION	AGE	DESIGNATION/ NATURE OF DUTIES	DATE OF COM- MENCEMENT OF EMPLOY- MENT		REMU- NERA- TION	PARTICULARS OF LAST. EMPLOYMENT	PERIOD- YEARS/ MONTHS
552 553	NAVNIT C MHATRE * NAYAK A D	SSC, NCTVT M TECH HIGHWAYS MIE DBM	34 58	CRAFTSMAN CH. SALES SERVS MGR	08/07/85 23/05/63	12 36	3,89,622 3,03,529	NOT APPLICABLE ASSOCIATE LECTURER MAULANA AZAD	1 YEAR 3 MTHS
554	* NEMINATH BABU KSHIRSAGA	A IX	44	LEADING HAND	02/04/79	18	3,43,129	COLLEGE, BHOP NOT APPLICABLE	
55	* NILKANTH L SAWANT	SSC,NCTVT	37	PRO.TECH.	17/09/79	18	3,21,561	NOT APPLICABLE	
556	* NIRANJAN N BISWAS	SSC	52	LAB TECH.	11/06/80	17	4,66,239	NOT APPLICABLE	
557	* NITIN M DANDEKAR	BSC	35	PRO.TECH.	20/05/85	12	3,08,284	NOT APPLICABLE	
58	* NITIN V PALKAR	BSC, NCTVT	35	CRAFTSMAN	03/09/84	13	3,71,301	NOT APPLICABLE	
559	* NIVAS G ADHAV	SSC, NCTVT, ITI	37	CRAFTSMAN	28/07/86	11	3,14,296	NOT APPLICABLE	
60	* NORBERT R GONSALVES	VIITH, NCTVT	37	CRAFTSMAN	15/04/86	11	3,53,157	NOT APPLICABLE	
61	* O A D'SOUZA	HSC,NCTVT	34	CRAFTSMAN	02/09/83	14	4,01,787	NOT APPLICABLE	
62	* OMPRAKASH P PARANJAPE	SSC	42	CRAFTSMAN	10/03/77	20	4,61,811	NOT APPLICABLE	
563	* P A BHABAL	SSC,NCTVT	42	CRAFTSMAN	20/10/77	19	5,01,858	NOT APPLICABLE	
564	* P A KAMBLE	SSC	41	LOCO DRIVER	02/10/78	18	3,29,042	NOT APPLICABLE	
665	* P B CHAUDHARI	BCOM	40	CLERK	14/10/82	14	3,92,201	NOT APPLICABLE	
566	* P C GOPINATH MENON	HSC	39	CRAFTSMAN	03/12/79	17	5,12,462	NOT APPLICABLE	
667	* P C LOHAKARE	IX	35	GEN.OPR.	19/11/81	15	3,15,762	NOT APPLICABLE	
668	* P D JOSHI	SSC,NCTVT	45	CRAFTSMAN	03/11/81	15	4,52,462	NOT APPLICABLE	
569	* P D TAWDE	SSC,ITI	39	FIRE OPR.	27/08/80	17	3,46,542	NOT APPLICABLE	
570	* P E DESHMUKH	BSC	37	PRO.TECH.	01/12/83	13	3,50,530	NOT APPLICABLE	
71	* P E MAHADIK	VII	41	GEN.OPR.	04/12/80	16	3,11,327	NOT APPLICABLE	
72	* P G BHOSALE	SSC	38	GEN.OPR.	12/07/83	14	3,08,972	NOT APPLICABLE	
73	* P G JADHAV	IX	42	GEN.OPR.	03/11/80	16	3,19,944	NOT APPLICABLE	
74	* P G MANJREKAR	VIII	43	CRAFTSMAN	03/05/78	19	4,37,815	NOT APPLICABLE	
75	* P J KEERATKAR	SSC,NCTVT	40	CRAFTSMAN	10/09/80	17	4,45,908	NOT APPLICABLE	
76	* P K GHAG	SSC,NCTVT	41	CHAFTSMAN	05/09/77	20	5,69,067	NOT APPLICABLE	
77	* P M JAISWARA	IX	46	GEN.OPR.	02/10/78	18	3,30,074	NOT APPLICABLE	
78	P M KOLI	IX	46	CRAFTSMAN	22/08/79	18	5,21,217	NOT APPLICABLE	
79	* P N BABU	SSC	51	LAB TECH.	21/06/84	13	3,56,576	NOT APPLICABLE	
80	* P N RANE	IX	40	GEN.OPR.	16/09/81	16	3,17,929	NOT APPLICABLE	
81	* P N SANGARE	IXTH PASS	38	GEN.OPR.	01/10/81	15	3,13,180	NOT APPLICABLE	
82 83	* P P CHAVRKAR	VIII	37	CRAFTSMAN	27/07/81	16	3,90,320	NOT APPLICABLE	
	* P P PATIL	IX	39	DRIVER	18/10/82	14	3,47,029	NOT APPLICABLE	
85	* P P SHROFF * P R GAWADE	BSC SSC	35	PRO.TECH.	03/03/83	14	3,51,116	NOT APPLICABLE	
86	* P R PATADE	SSC,NCTVT	40 32	LEADING HAND CRAFTSMAN	15/02/79	18	3,45,173	NOT APPLICABLE	
87	* P R SHILWANT	VIII	38	LOCO DRIVER	15/09/83 27/08/80	14 17	3,65,642	NOT APPLICABLE	
88	* P R TEMKAR	IX	39	GEN.OPR.	31/10/80	16	3,76,846 3,20,508	NOT APPLICABLE NOT APPLICABLE	
89	* P S DHAMAPURKAR	SSC	37	CRAFTSMAN	15/09/81	16	4,06,329	NOT APPLICABLE	
90	* P S KASHID	IX	37	LEADING HAND	23/10/81	15	3,17,089	NOT APPLICABLE	
91	* P S KOLI	VII	43	GEN.OPR.	25/11/81	15	3,11,324	NOT APPLICABLE	
92	* P S SAHOTA	HSC, NCTVT	32	CRAFTSMAN	11/09/86	11	3,47,136	NOT APPLICABLE	
93	* P S SATAM	SSC	39	CRAFTSMAN	02/10/78	18	4,37,854	NOT APPLICABLE	
94	* P S YADAV	VIII	45	GEN.OPR.	15/02/79	18	3,50,960	NOT APPLICABLE	
95	* PT LAKUM	SSC	40	GEN.OPR.	01/02/83	14	3,02,864	NOT APPLICABLE	
96	* P UDAYAKUMAR	ВСОМ	36	CLERK	30/07/84	13	4,40,061	NOT APPLICABLE	
97	* P V JOSHI	XTH PASS	40	CRAFTSMAN	18/11/82	14	3,27,180	NOT APPLICABLE	
98	* P V SAWANT	X	41	FIRE OPR.	05/11/80	16	3,98,738	NOT APPLICABLE	
99	* P Y PIMPLE	VIII	37	GEN.OPR.	08/12/81	15	3,07,369	NOT APPLICABLE	
00	* P Y SAWANT	IX	42	GEN.OPR.	30/12/80	16	3,03,763	NOT APPLICABLE	
01	* P S PAWAR	IXTH PASS	43	GEN.OPR.	29/12/80	16	3,02,605	NOT APPLICABLE	
02	* PADMINI PRASAD	ВСОМ	41	CLERK	03/10/79	17	3,98,300	NOT APPLICABLE	
03	* PANDURANG D TAMBOLI	IXTH PASS	35	FIRE OPR.	05/11/85	11	3,04,640	NOT APPLICABLE	
04	* PANDURANG D TIKAM	B.COM	42	CLERK	27/06/78		5,87,002	NOT APPLICABLE	
05	* PARASNATH J CHAUHA	IX	42	CRAFTSMAN	22/11/77	19	4,17,768	NOT APPLICABLE	
06	* PARDEEP S JAVA	HSC,NCTVT	33	PRO.TECH.	03/09/84	13	3,00,252	NOT APPLICABLE	
07	PARMAR BK	B.SC M.L.S.	33	OPS OFFICER LPG	04/06/87	10	3,05,920	NOT APPLICABLE	
80	PATRICK D ALMEIDA	SSC, ITI,NCTVT	36	CRAFTSMAN	12/09/84	13	3,65,219	NOT APPLICABLE	
09	PEDNEKAR V A	SSC	46	FIRE OFFICER	06/11/78	25	4,22,385	IN.H. AASVINI	6 YEAR

			RIENCE	MENT	DUTIES				
	YVAN NAIGNI								
	FIRE MAIN								,
	NOT APPLICABLE	378,88,E	13	78/00/80	CRAFTSMAN	34	SSC, NCTVT	PHILIP K KURIEN PERCY L DMELLO	11
SHARYE	NOT APPLICABLE SR. PROCESS ENGR.	3,46,318	10	03/09/87	ED SPL, PROJECTS	30	B TECH (CHEM)	PHULL S K	12
1 MTH	0.100	nonle: le	07	100000	01070011.77.10		(1071.10)		_
	NOT APPLICABLE	1,25,989	38	29/07/57	JJORYA9 REDANAM	89	SSLC	* PILLAY P.R.P	13
	NOT APPLICABLE	3,81,608	6	78/01/30	CLERK	33	B.COM.	* PJ VARTAK	71
	NOT APPLICABLE	\$96,40,8	11	30/15/82	GEN.OPR.	38	SSA9 HTXI	* PRABAKA O PANAHBARP	91
	NOT APPLICABLE	3,41,082	11	98/20/80	CHAFTSMAN	38	SSC, ITI	* PRABHAKAR D PARAB	91
	NOT APPLICABLE NOT APPLICABLE	3,28,064	14	08/02/83	CEEDING HAND	35	SSC B.COM	* PRADEEP BABAJI PEVEKAR	81
	NOT APPLICABLE	5,15,826	91	18/90/80	CLERK	07	A8	* PRADEEP N MORE	61
	NOT APPLICABLE	749,66,6	12	05/06/82	CRAFTSMAN	33	HSC,NCTVT,DME	* PRADEEP S SALVI	07
	NOT APPLICABLE	178,78,6	11	98/80/20	CRAFTSMAN	32	BSC, NCTVT	* PRADIPKUMAR P CHAVAN	12
	NOT APPLICABLE	3,50,675	11	05/02/86	PRO.TECH.	32	BZC	* PRAFULLA U GOLE	55
	NOT APPLICABLE	3,54,137	14	19/06/83	CLERK	66	A8	* PRAGNA K RAVAL	53
	NOT APPLICABLE	3,04,249	13	13/07/88	PRO.TECH. CRAFTSMAN	36	BSC NCIVI	* PRAKASH A KADAM  * PRAKASH A KADAM	97
	NOT APPLICABLE NOT APPLICABLE	3,12,275	8 20	92/01/10	CRAFTSMAN	90	X X	* PRAKASH D KARLE  * PRAKASH D DHAMAPURKAR	97
	HOT APPLICABLE	3,83,219	13	19/60/60	CRAFTSMAN	34	ньс, истут	* PRAKASH I HALDANKAR	75
	NOT APPLICABLE	5,00,473	6	02/02/88	PRO.TECH.	33	MSC	* PRAKASH J SATAM	8
	NOT APPLICABLE	186,00,4	91	51/10/80	CRAFTSMAN	38	SSC	* PRAKASH K ADHALGE	6
	NOT APPLICABLE	4,20,332	61	ZZ/01/70	CHAFTSMAN	97	SSC,NCTVT	* PRAKASH K LAD	0
	NOT APPLICABLE	491,86,4	13	\$8/L0/E0	CHARTSMAN	32	HSC,NCTVT	* PRAKASH R DOYALE	ļ
	NOT APPLICABLE NOT APPLICABLE	3,06,026	71	03/12/79	CLERK GEN.OPR.	97	BCOW X	* PRAKASH R KOLGE  * PRAKASH R VACHASIDDHA	3
	NOT APPLICABLE	4,97,840	11	09/03/19	CRAFTSMAN	37	SSC, NCTVT	* PRAKASH S PATIL	7
	NOT APPLICABLE	3,54,989	13	\$8/Z0/E0	CRAFTSMAN	98	SSC, ITI	* PRAKASH V PARAB	9
	NOT APPLICABLE	3,34,899	11	28/07/86	CHAFTSMAN	33	SSC	* PRAKASH Y MESTRY	98
	NOT APPLICABLE	3,23,167	10	13/01/87	CRAFTSMAN	35	SSC	∃ARAS A GASAAR *	18
	NOT APPLICABLE	3,03,927	10	21/09/87	РВО.ТЕСН.	30	HSC, NCTVT	* PRASAD S TENDULKAR	88
	NOT APPLICABLE	3,42,567	10	78/40/10	.A90.ITU	35	SSC	* PRASHANT C APTE	61
	NOT APPLICABLE	3,62,118	10	02/09/19	UTI.OPR. CRAFTSMAN	43	SSC, NCTVT BSC	* PRASHANT P VAIDYA * PRATAP A KAMBLE	0.
	NOT APPLICABLE	3,35,693	11	28/07/86	CRAFTSMAN	33	SSC, NCTVT	* PRAVIN V GAVANDI	2
	NOT APPLICABLE	3,51,536	10	78/40/10	.A9O.ITU	38	BRC	* PREMANKUR S SAWANT	3
SYEARS	GLOBE STEERING	660'69'1	50	23/07/81	MAINT OFFICER (MECH)	07	SSC, NCTVT	* PUJARE GR	t
	LTD. MAINT FITTER	550 27 7		FOIGHSF	WWW	O.	1/1201/ 000	IV III V G	21
	NOT APPLICABLE	4,47,033	15	15/12/81	CARFTSMAN	00	SSC,NCTVT	A PILLAI 380ABMA A	91
	NOT APPLICABLE NOT APPLICABLE	3,74,751 3,24,343	41 15	31/03/83	CLERK FORKLIFT OPR.	38	.A.8 S2A9 HTXI	R B CHAVAN	21
	NOT APPLICABLE	3,21,962	91	23/01/81	GEN.OPR.	17	AIII	H B GOGAR	81
	NOT APPLICABLE	3,31,400	91	18/90/80	FORKLIFT OPR.	35	<b>SSAY HTXI</b>	R B GUNJAL	61
	NOT APPLICABLE	3,13,270	15	18/01/10	сеи.орв.	14	XI	DAJ 8 R	09
	NOT APPLICABLE	3,63,522	91	18/20/41	GEN.OPR.	39	XI	UHBAR9 8 R	T)
	NOT APPLICABLE	3,36,464	13	12/15/83	PRO.TECH.	36	Wac	R D CHOUDHARI	2
	NOT APPLICABLE NOT APPLICABLE	3,28,752	91	30/10/81	GEN.OPR. FIRE OPR.	77 97	XI XI	P D YADAV	5
	NOT APPLICABLE	3,17,643	91	31/10/80	GEN.OPR.	43	XI	B D ZORE	9
	NOT APPLICABLE	148,88,8	50	10/03/77	CRAFTSMAN	99	SSC	R G BHAPKAR	9
	NOT APPLICABLE	4,74,633	91	18/90/90	CRAFTSMAN	66	SSC,NCTVT	H G KUVESKAR	25
	NOT APPLICABLE	718,91,E	91	18/10/72	GEN.OPR.	ヤヤ	OSS	R G PARAB	89
	NOT APPLICABLE	756,19,537	81	84/01/81	CRAFTSMAN	04	SSC	R G PATEL	69
	NOT APPLICABLE	8,05,379	6	78/01/70	CLERKITYPIST	35	A8	R H BHALERAO	09
	NOT APPLICABLE	3,18,434	81	15/02/79	GEN.OPR.	7E	XI	R H MAHULKAR R J ACHREKAR	55
	NOT APPLICABLE  NOT APPLICABLE	3,06,553	71	19/10/81	PRO.TECH. CRAFTSMAN	36	X	R K GHODEKAR	83
	NOT APPLICABLE	3,01,389	12	16/09/82	GEN.OPR.	36	XI	R K WAGH	Þ:
	NOT APPLICABLE	3,43,757	8ř	02/10/78	FORKLIFT OPR.	945	SSA9 HTXI	R L CHOUHAN	9
	NOT APPLICABLE	3,62,066	41	12/08/80	CRAFTSMAN	19	IIA	GNAWAJJR	9
	NOT APPLICABLE	3,20,648	91	01/12/80	GEN.OPR.	45	X	AAWSIAL M A	2

SR. NO.	NAME	QUALIFICATION	AGE	DESIGNATION/ NATURE OF DUTIES	DATE OF COM- MENCEMENT OF EMPLOY- MENT	TOTAL NO. OF YEARS EXPE- RIENCE	REMU- NERA- TION	PARTICULARS OF LAST. EMPLOYMENT	PERIOD- YEARS/ MONTHS
668	R M MISHRA	IX	49	UTI.OPR.	14/02/79	18	4.70.101	NOT APPLICABLE	
669	R M PUNJABI	SSC, AUTOENGG	34	CRAFTSMAN	10/10/83	13	4,70,181		
370	R P BHANAWAT	SSC	46	CRAFTSMAN	16/11/81		3,15,603	NOT APPLICABLE	
371	R P YADAV	VIII	41	GEN.OPR.	15/02/79	15	4,62,484	NOT APPLICABLE	
372	R R GAIKWAD	IX	44	DRIVER	27/01/83	18	3,43,670	NOT APPLICABLE	
373	R R KALE	IX	38	GEN.OPR.	02/10/81	14	4,46,645	NOT APPLICABLE	
74	R R PANDEY	IX	38	FIRE OPR.		15	3,14,388	The second second second	
675	R R SILVEIRA	HSC,NCTVT	31	CRAFTSMAN	10/11/81	15	3,84,366	NOT APPLICABLE	
376	R S DONDE	X	41	GEN.OPR.	11/09/86	11	3,84,670	NOT APPLICABLE	
377	RSLODE	ix			29/12/80	16	3,00,936	NOT APPLICABLE	
			41	GEN.OPR.	02/05/79	18	3,29,702	NOT APPLICABLE	
378	R S RANE	IV	55	GEN.OPR.	03/01/77		3,23,000	NOT APPLICABLE	
379	R S TAMBE	IX	43	CRAFTSMAN	10/10/83	13	3,08,052	NOT APPLICABLE	
680	R T INDWATKAR	SSC	42	PRO.TECH.	27/12/78	18	3,78,847	NOT APPLICABLE	
681	R V CHAUHAN	XTH PASS	41	LEADING HAND	10/05/77	20	4,03,980	NOT APPLICABLE	
82	R V KHATU	SSC	39	CRAFTSMAN	18/10/78	18	4,48,050	NOT APPLICABLE	
883	R W KOLI	XTH PASS	46	LEADING HAND	02/10/78	18	3,34,239	NOT APPLICABLE	
884	RAGHAVENDRA M SHIRKE	SSC,ITI	40	CRAFTSMAN	30/07/86		3,39,156	NOT APPLICABLE	
85	RAGHUNATH B REGE	SSC	35	CRAFTSMAN	15/02/85		3,67,003	NOT APPLICABLE	
686	RAGHUNATH D PILLAI	SSC	47	UTI.OPR.	27/09/84	13	4,25,420	NOT APPLICABLE	
87	RAGHUNATH D THAKAR	X	49	GEN.OPR.	07/12/79		3,26,347	NOT APPLICABLE	MAG
88	RAHUL S BHATTE	MSC	35	PRO.TECH.	18/12/85	11	3,04,301		
89	RAINA V K	LICENTIATE IN C	56	DIRECTOR MRKTG.	01/01/63	37			JAB
003		IVIL ENGG	00	Diricolor in intig.	01/01/03	31	3,73,275		2 YEARS
		ITIE EIIOG							RVS .
90	* RAJA M M	BSC MBM	20	MANAGED TO AINING	04/00/00		remodern.	FLOOD CONTROL	
30	HAJA WIWI	DOC MIDIN	39	MANAGER TRAINING	01/09/82	16	58,929	BUSINESS DEV.	6 MTHS
				BPTC, JUHU			IN WITE	OFFICER	1008
							VB@57	KERALA INLAND	988
204	DATABULANT D. LABOURY						1988	NAVIGATION	100 50
691	RAJANIKANT B JADHAV	VII	41	CRAFTSMAN	02/10/78	18	3,65,057	NOT APPLICABLE	AND DY
92	RAJANIKANT D PAWAR	HSC, NCTVT, DME	33	CRAFTSMAN	11/06/86	11	3,36,428	NOT APPLICABLE	108
93	RAJARAM J GAIKWAD	IX	51	GEN.OPR.	28/01/80	17	3,39,861	NOT APPLICABLE	
94	RAJENDRA E CHORGE	SSC, NCTVT	36	CRAFTSMAN	12/05/86	11	3,22,882	NOT APPLICABLE	300
395	RAJENDRA V PARAB	SSC	34	UTI.OPR.	17/02/86	11	4,17,588	NOT APPLICABLE	Mary A
96	RAJENDRAKUMAR A TAMORE	SSC, NCTVT	36	CRAFTSMAN	28/07/86	11	3,19,618	NOT APPLICABLE	
97	RAJENDRAN K	BCOM	36	CLERK/TYPIST	13/04/87	10	3,44,607	NOT APPLICABLE	
98	RAJESH S CHAVAN	SSC,NCTVT	35	CRAFTSMAN	11/06/85	12	3,90,092	NOT APPLICABLE	100
99	RAJIV V KOLI	SSC	33	FIRE OPR.	20/02/85	12	3,87,425	NOT APPLICABLE	
00	RAM AWADH GATTI	SSC,BOILER-I	45	UTI.OPR.	14/01/85	12	4,34,425	NOT APPLICABLE	500
01	RAM MILKHI	5TH STANDARD							10 VEAF
02	RAMAN N NAIR		47	LVD I	01/07/91	17	3,16,860	LVD OCC	12 YEAF
		B.A.	47	FIRE OPR.	30/12/85	11	3,91,149	NOT APPLICABLE	- 1
03	RAMCHANDRA B NARAYANE	SSC,NCTVT	33	CRAFTSMAN	13/09/85	12	3,28,975	NOT APPLICABLE	
04	RAMCHANDRA D GORAD	SSC, NCTVT	38	UTI.OPR.	20/02/86	11	4,21,154	NOT APPLICABLE	X
05	RAMCHANDRA M KAMBLE	BA	38	CLERK	16/01/85	12	3,87,610	NOT APPLICABLE	
06	RAMCHANDRA V JOSHI	SSC, ITI, NCTVT	34	CRAFTSMAN	12/05/86	11	4,30,386	NOT APPLICABLE	
07	RAMDAS YADAVRAO CHOPDE	BCOM	42	CLERK	29/04/86	11	4,35,821	NOT APPLICABLE	
08	RAMESH DHONDU BAGAYATKA	SSC,NCTVT	43	CRAFTSMAN	07/01/77	20	5,22,570	NOT APPLICABLE	
09	RAMESH H MOHITE	SSC,NCTVT	37	CRAFTSMAN	03/09/84	13	3.92,969	NOT APPLICABLE	
10	RAMESH M KORI	SSC	44	FIRE OPR.	19/10/87	9	3,55,452	NOT APPLICABLE	
11	RAMESH P ABNAWE	SSC,DME	47	CRAFTSMAN	19/06/79	18	4,82,937	NOT APPLICABLE	
12	RAMESH P SURYAWANSHI	SSC	45	CRAFTSMAN	01/02/80	17	3,36,661	NOT APPLICABLE	
13		X	43	GEN.OPR.				NOT APPLICABLE	1. 1.4
14		SSC			02/10/78	18	3,42,722		
			40	CRAFTSMAN	20/09/79	18	4,20,260	NOT APPLICABLE	
15	RANGARAJU M KOMMU	SSC,BOILER-I	45	UTI.OPR.	06/01/88	9	3,23,706	NOT APPLICABLE	
16	RANGNATH K GUNJAL	IX	37	DRIVER	18/06/86	11	3,62,680	NOT APPLICABLE	P LETTING
17		B.A.	37	OPS. OFFICER	07/05/81	17	3,49,138	TYPIST VISHA INTERNATIONAL	5 MTHS
18	RATNAKANT M TIGDI	SSC,NCTVT	36	CRAFTSMAN	24/01/85	12	4,09,813	NOT APPLICABLE	
10	RATNAKAR V GAVALI	BSC	38	PRO.TECH.	13/08/84	13	3,34,146	NOT APPLICABLE	
19	The same transfer as the same and the same a			CRAFTSMAN	28/10/76	20	4,70,886	NOT APPLICABLE	1 Total 1
	RATNAM MANIKAM	X	40	CHAFIOIVIAIN					
19 20 21		X HSC NCTVT	45 33	PROB. OFFICER	09/09/85	11	3,22,861	NOT APPLICABLE	are si

			HIENCE	MENT	DUTIES				
	SQNARTS QNOB A QTJ 9				- 10				
	NOT APPLICABLE	3,32,633	11	52/09/86	CLERK	36	BCOM	<b>BAVIKANT KAMBLE</b>	723
	NOT APPLICABLE	4,22,512	13	18/60/80	CRAFTSMAN	37	НЅС, ИСТУТ	<b>HAVINDRA A SURVE</b>	724
	NOT APPLICABLE	3,17,207	11	30/15/85	GEN.OPR.	33	XI	RAVINDRA G CHAVAN	725
	NOT APPLICABLE	4,70,182	50	ZZ/10/90	CLERK	09	SSC	RAVINDRA G VICHARE	726
	NOT APPLICABLE	890,76,8	11	28/07/86	CRAFTSMAN	32	HZC	RAVINDRA N MAHULKAR	727
	NOT APPLICABLE	2,68,08,€	13	18/40/91	PRO.TECH.	38	BSC	RAVINDRANATH S RAJESHIR	728
	NOT APPLICABLE	3,46,046	p1	04/02/83	CLERK	25	B.COM	HAIAHR M AISAR	729
	NOT APPLICABLE	3,06,864	13	10/04/84	CLERK	14	BSC	SEGNANDES ATIR	730
3 YEARS	SALES ENGR BATLI	3,41,259	12	51/09/84	SH. ENGG. OFFICER	98	BE (WECH)	ROHELA D	131
HA3Y I	BOI CO LTD PRODUCTION	25,623	24	02/07/84	VIO RAL REDAMAN YO	38	M SC ZOOFOGY	2 AHUÐ YOR *	732
ורענו	MANAGER RADHI	020,02	47	F0//0/20	AIG 11 10 11 201 0 1 10 11 2	00	B,SC(HONS)		-1
SHTM 6	KA VITAMALT PVT LTD						4		
	WESTER WORK	1,72,749	44	02/09/83	(TUIAM) REDANAM	37	BE (MECH)	*9 YOR *	733
	ENGG LTD	A1 11-11			Les man A		.M.8.Q,.M.A.M		
SHTM 8	TARINEE ENGINEER						CERT COMP STUDY		
-	NOT APPLICABLE	3,40,105	13	<b>†8/90/90</b>	CLERK	07	A8	RUDOLF J FERNANDES	734
	NOT APPLICABLE	3,64,796	50	26/02/77	GEN.OPR.	90	22A9 HTX	S A KONDGEKAR	735
	NOT APPLICABLE	3,13,407	41	27/08/80	GEN.OPR.	94	IIIA	S A LAKESRI	136
	NOT APPLICABLE	3,58,003	81	87/12/78	CRAFTSMAN	43	SSC	S A MUNGEKAR	787
	NOT APPLICABLE	3,32,962	91	30/10/80	GEN.OPR.	38	XI	RAWA9 A 2	738
	NOT APPLICABLE	3,26,997	10	21/10/86	CRAFTSMAN	35	HSC, NCTVT	S A SHIKALGAR	136
	NOT APPLICABLE	644,84,6	81	01/12/78	GEN.OPR.	97	IIIA	IAWIT A 2	01/2
	NOT APPLICABLE	4,93,637	13	27/12/83	DRIVER	25	IIIA	S B BHADALE	147
	NOT APPLICABLE	3,05,675	01	∠8/90/ <del>1</del> 0	.A90.ITU	34	BSC	S B BHOSEE	742
	NOT APPLICABLE	3,44,239	ÞL	04/05/83	PRO.TECH.	96	BSC	S B DESAI	743
	NOT APPLICABLE	467,40,8	41	08/20/10	CRAFTSMAN	97	SSC	S B DOMB	744
	NOT APPLICABLE	3,13,546	50	77/80/91	GEN.OPR.	84	IV NOTAT	S B KAMBLE	345
	NOT APPLICABLE	4,26,485	50	12/09/77	CRAFTSMAN	38	IX,NCTVT	S B KAMBLE	91/2
	NOT APPLICABLE	3,26,708	91	18/11/97	GEN.OPR.	48	XI	S NUVATE	747
	NOT APPLICABLE	8,35,079	51	92/60/81	GEN.OPERATIVE(FLD)	88	SSA9 GAIII	* S B SHIBKE	847
	NOT APPLICABLE	4,43,031	ti.	18/03/83	FIRE OPR.	19	XI	SBIVKE	674
	NOT APPLICABLE	3,10,499	41	20/08/80	CRAFTSMAN	67	XI	SBIAKKE	092
	NOT APPLICABLE	3,09,225	13	12/15/83	PRO.TECH.	38	BSC	S B VISWAKARMA	194
	NOT APPLICABLE	679'61'7	13	\$8/10/\$0	CARFTSMAN	68	SSC,NCTVT	S C PATIL	752
	NOT APPLICABLE	3,11,454	91	18/70/72	GEN.OPR.	38	XI	JABAHB O S	754
	NOT APPLICABLE	3,23,124	GI	12/11/81	GEN.OPR.	35	ΠΙΑ	S D GOSAVI	
	NOT APPLICABLE	351,34,8	91	21/01/81	CRAFTSMAN	95	X	S D NAGDALE	992
	NOT APPLICABLE	3,04,465	91	05/01/81	GEN.OPR.	36	IIA	S D NAGARE	757
	NOT APPLICABLE	360,950	13	18/80/90	DRIVER	35	SSC	S D WAKCHAURE	897
	NOT APPLICABLE	3,82,272	20	77/40/11	GEN.OPR.	42	SSA9 HTX	S D'SOUZA	694
	NOT APPLICABLE NOT APPLICABLE	3,07,716	81 11	05/10/18 05/10/18	.A9O.ITU	25	IX	S G CHAVAN	094
	NOT APPLICABLE	3,25,420	Gt.	18/01/91	CRAFTSMAN	32	IIIA	S G GURAO	194
	M/C OPERATOR	3,45,488	39		SR. ACCOUNTS OFFICER	89	DIP HOMEOPATHIC	INAYANI D S *	762
HTM 1	KAMANI OIL			distance .	man de la companya de		SCIENCE		
1.000	NOT APPLICABLE	3,54,093	91	18/80/72	CRAFTSMAN	14	SSC,NCTVT	FAWAR & S *	694
	NOT APPLICABLE	3,99,037	18	01/12/78	<b>LOCO DRIVER</b>	44	SSC	- SHGIRAP	194
	NOT APPLICABLE	3,26,940	13	28/11/83	CRAFTSMAN	36	SSC	* S J DHOPAWKAR	994
	NOT APPLICABLE	3,36,544	91	18/10/10	CHAFTSMAN	42	SSC	IHSNAWAYAUS L 2 *	994
	NOT APPLICABLE	4,22,078	91	13/07/81	FIRE OPR.	14	SSC	* S K BHN1BAL	191
	NOT APPLICABLE	4,74,394	91	08/12/81	CHAFTSMAN	94	SSC, NCTVT	* S K BRAHMA	894
	NOT APPLICABLE	3,18,106	11	98/00/92	CRAFTSMAN	90	SSC	* S K POWAR	694
	NOT APPLICABLE	3,07,491	16	18/90/80	GEN.OPR.	38	XI	* S K HANE	011
	NOT APPLICABLE	3,25,563	16	59/10/80	сеи.орв.	07	X	* S K SAKATE	1.22
	NOT APPLICABLE	3,23,294	91	03/11/80	LEADING HAND	36	XI	* S K WAKCHAURE	115
	NOT APPLICABLE	3,00,821	15	18/01/62	GEN.OPR.	36	Xi	* S L ATKARI	273
	NOT APPLICABLE	3,17,882	91	59/12/80	СЕИ.ОРЯ.	43	XI	* S L MULANI	DLL
	NOT APPLICABLE	3,00,486	91	18/60/91	СЕИ.ОРВ.	ヤン	X	*SLPAWAR	944
	NOT APPLICABLE	3,07,003	31	12/11/81	GEN,OPR.	38	SSC	* S M KOYANDE	944

SR. NO.	NAME	QUALIFICATION	AGE	DESIGNATION/ NATURE OF DUTIES	MENCEMENT OF EMPLOY-	OF YEARS EXPE-	REMU- NERA- TION	PARTICULARS PERIC OF LAST. YEAR EMPLOYMENT MONT
				DOTIES	MENT	RIENCE		
77	* S M SAWANT	VIII	58	GEN.OPR.	23/11/78	18	3,11,994	NOT APPLICABLE
78	* S M SHUKLA	SSC,D.E.E.	40	CRAFTSMAN	23/03/83	14	4,52,760	NOT APPLICABLE
79	* S N ABHYANKAR	VIII	55	GEN.OPR.	01/12/78	18	3,21,832	NOT APPLICABLE
80	* S N KAMBLE	X	39	GEN.OPR.	30/10/80	16	3,08,640	NOT APPLICABLE
81	* S N MOTLING	IX	43	GEN.OPR.	29/12/80	16	3,32,855	NOT APPLICABLE
82	* S N PAKHARE	SSC	39	CRAFTSMAN	27/11/81	15	4,75,040	NOT APPLICABLE
83	* S N SHINDE	SSC	46	FIRE OPR.	16/02/78	19	4,77,144	NOT APPLICABLE
84 85	* S N WAGH	SSC	42	UTI.OPR.	13/10/83	13	4,06,546	NOT APPLICABLE
86	* S R BHOSALE * S R DHAMDHERE	IXTH PASS IX	38	FIRE OPR.	11/10/90	11	3,19,535	NOT APPLICABLE
B7	* S R DHAMDHERE	NCTVT	47 41	CRAFTSMAN	17/10/77	19	4,93,439	NOT APPLICABLE
88	* S R GUPTA	BSC	38	CRAFTSMAN	30/06/81	16	4,26,863	NOT APPLICABLE
89	*SR KADAM	SSC	42	UTI.OPR. GEN.OPR.	17/05/83 29/10/80	14	3,97,702	NOT APPLICABLE
90	* S R KARANJKAR	BSC	36	PRO.TECH.		16	3,14,520	NOT APPLICABLE
91	* S R PATIL	X	42	GEN.OPR.	31/12/87	9	3,01,394	NOT APPLICABLE
92	* S R RANAWADE	SSC,NCTVT	40	CRAFTSMAN	29/10/80 05/05/79	16 19	3,12,387	NOT APPLICABLE
93	* S S CHAVAN	SSC,NCTVT	34	CRAFTSMAN		14	5,29,386	NOT APPLICABLE
34	* S S GORIVALE	HSC	42	LEADING HAND	15/09/83 14/01/81	16	3,47,186 4,07,843	NOT APPLICABLE
95	*SSJADHAV	X	41	GEN.OPR.	28/10/80	16		NOT APPLICABLE
96	*SSJADHAV	îx	38	CRAFTSMAN			3,22,559	NOT APPLICABLE
97	* S S NAMJOSHI	HSC	31	CRAFTSMAN	20/10/81 10/09/86	15	3,65,342	NOT APPLICABLE
98	* S S NAWADKAR	IX	37	GEN.OPR.		11 14	3,56,079	NOT APPLICABLE
99	* S S PANDE	VII	42	GEN.OPR.	04/01/83 10/11/78	18	3,05,127	NOT APPLICABLE
00	*SSPARAB	SSC	44	GEN.OPR.	30/10/80		3,27,058	NOT APPLICABLE
)1	*S S PATIL	SSC,NCTVT	44	CRAFTSMAN	28/01/81	16 16	3,16,391	NOT APPLICABLE
2	*SSPRADHAN	SSC	48	CLERK	17/01/77	20	4,59,165	NOT APPLICABLE
3	*SSRANE	SSC	40	FIRE OPR.	01/10/81		6,51,173	NOT APPLICABLE
)4	* S S SHINDE	XTH PASS	41	GEN.OPR.	30/12/80	15 16	3,75,657 3,40,167	NOT APPLICABLE
)5	*ST KASIRADDY	SSC	42	LEADING HAND	06/11/78	18		NOT APPLICABLE
06	*STSALAP	IV	50	DRIVER	28/10/76	20	3,29,676	NOT APPLICABLE
7	*SV GAWDE	SSC	42	UTI.OPA.	02/10/78	18	5,13,323	NOT APPLICABLE
18	*SV MORE	SSC,ITI	49	UTI.OPR.	13/07/78	19	3,62,369 5,15,238	NOT APPLICABLE
9	* S V TAWADE	X	40	CRAFTSMAN	11/04/77	20	4,65,266	NOT APPLICABLE
10	* S W PAWASKAR	ÎX	38	GEN.OPR.	11/04/77	14	3,38,942	NOT APPLICABLE
11	* SABAJI V TERSE	BSC	35	UTI.OPR.	25/03/87	10	3,67,755	NOT APPLICABLE
12	* SADANAND A GAONKAR	IX	40	GEN.OPR.	08/11/79	17	3,12,134	NOT APPLICABLE
3	* SADANAND B GAWDE	HSC,NCTVT	37	CRAFTSMAN	01/01/85	12	3,40,771	NOT APPLICABLE
4	* SADANAND BHIWAJI RANE	B.COM.	32	CLERK	23/04/91	6	3,14,527	NOT APPLICABLE
5	* SADASHIV H PATIL	X	47	GEN.OPR.	06/12/79	17	3,18,196	NOT APPLICABLE
6	* SADHANA P DHARKAR	BA	38	CLERK	03/04/84	13	3,34,536	NOT APPLICABLE
7	* SADIQUE S SAYED	SSC,NCTVT	35	UTI.OPR.	05/10/87	9	3,59,048	NOT APPLICABLE
8	SAHI R B	B COM,MBA (IIM	37	GM CUSACS	28/04/81	16	3,35,838	SUMMER PLACEMENTS
		AHEMDABAD)	0.	GIII OGO/100	20/04/01	10	0,00,000	BHEL(DELHI
		, ii i Elii Si i Brio)						& HARDAWAR) 4 MTI
9	SAIRAM K P	ВСОМ	37	OPS. OFFICER	15/06/83	15	3,20,478	ACCTS CLERK
		Doom	01	O. O. OFFICER	15/00/03	10	0,20,410	SAHARA DEPOSITS
								& INVEST. 6 MT
0.0	SAJITH SOMAN	HSC, NCTVT	32	CRAFTSMAN	07/09/87	10	3,35,866	NOT APPLICABLE
1	* SALVI VR	SSC, NCTVT	42	MAINT OFFICER(ELECT)		25	4,82,850	ORDINANCE FACTORY
		500,110171	72	mil Of FIOLI (LLEOT)	12/03/11	20	7,02,000	ELECTRICIAN 5 MT
2	SAMBHAJI T KESARKAR	SSC, NCTVT	33	UTI.OPR.	23/03/87	10	3,80,333	NOT APPLICABLE
3	SAMUEL R BHALERAO	SSC,NCTVT	44	CRAFTSMAN	20/12/79	17	3,94,894	NOT APPLICABLE
4	SANDEEP M JAYAWANT	HSC,NCTVT	36	CRAFTSMAN	03/07/84	13	3,75,184	NOT APPLICABLE
5	SANDIPAN KABUGADE	IX	43	GEN.OPR.	27/06/77	20	3,55,820	NOT APPLICABLE
6	SANJAY B SHINGTALUR	HSC	32	CRAFTSMAN			3,55,820	NOT APPLICABLE
7	SANJAY G JADHAV	SSC, ITI, NCTVT	33	CRAFTSMAN	02/09/85	12		NOT APPLICABLE
8	SANJAY K KOLI			CRAFTSMAN	02/10/84 21/09/87	12	4,39,324	NOT APPLICABLE
9	SANJAY U RUPWATE	SSC, ITI HSC	30			10	3,37,647	NOT APPLICABLE
U	SANJAY V DAVATE	HSC,NCTVT	35 35	CRAFTSMAN CRAFTSMAN	06/05/85 03/04/84	12	3,85,520 3,17,855	NOT APPLICABLE
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SR. NO.	NAME	QUALIFICATION	AGE	DESIGNATION/ NATURE OF DUTIES	DATE OF COM- MENCEMENT OF EMPLOY- MENT		REMU- NERA- TION	PARTICULARS OF LAST. EMPLOYMENT	PERIOD- YEARS/ MONTHS
878	* SIDDHARTH S KARANE	SSC, IST CLASS	40	UTI.OPR.	25/07/88	9	3,28,974	NOT APPLICABLE	
879	* SIMON A AMBROSE	VII	42	CRAFTSMAN	16/04/84	13	3,09,793	NOT APPLICABLE	
880	SINGH A	B E (MECH)	52	DGM (ENGG. & CONST.)		30	3,36,043	ASST. CHEM. MECH. ENGR.	17 YEARS
881	SINGH R K	B. TECH (MECH E NGG)	43	DGM DIST	20/06/78	22	3,16,552	FCI ASST. ENGR IND. ENGG.	5 MTHS 1 YEAR 8 MTHS
882	SITARAM GANGARAM MANDAV	'IX	42	GEN.OPR.	01/09/80	17	3,36,169	NOT APPLICABLE	
883	* SOMAN P (MRS)	B COM	36	IR OFFICER	10/01/85	17	3,20,169	NATWAR IRON & STEEL CO	1 YEAR
884	* SRINIVASAN S	B SC,B G L,ML	43	SR. MANAGER (LEGAL)	06/07/81	21	96,327	OFFICE ASSISTANT LEGAL ASSISTANT TUBE INVEST.	1 YEAR 6 MTHS
005	* CDIDDIVA CDINIVACANI	BOC BLIVEICO	07	CALCO OFFICER	0.410.440.4		=0.074	INDIA LTD.	
885 886	* SRIPRIYA SRINIVASAN STANY P RODRIGUES	BSC PHYSICS SSC,ITI	27	SALES OFFICER	01/04/91	5	58,674	NOT APPLICABLE	
887	SUBHASCHANDRA R RAO	HSC,NCTVT,CHEM.	36 33	GEN.OPR. CRAFTSMAN	20/08/84	13	3,05,326	NOT APPLICABLE	
388	SUBHASH B KAMBIRE	SSC	43	CHAFTSMAN CLERK/TYPIST	25/11/85	11	3,62,185	NOT APPLICABLE	
389	SUBHASH S BAGADE	BCOM	43	CLERK	17/11/86	10	3,26,727	NOT APPLICABLE	
390	SUCHITA H BECK	BA	39	CLERK	18/11/77	19	4,59,995	NOT APPLICABLE	
91	SUDESH B BHOSALE	HSC,NCTVT	33	CRAFTSMAN	21/01/85	12	3,98,143	NOT APPLICABLE	
92	SUDESH H BAGWE	HSC, NCTV)	31	CRAFTSMAN	13/09/85	12	3,67,712	NOT APPLICABLE	
93	SUDHAKAR A SAWANT	SSC, NCTVT	41	CRAFTSMAN	07/09/87 06/05/86	10 11	3,34,476 3,43,898	NOT APPLICABLE NOT APPLICABLE	
94	SUDHAKAR R SONAWANE	SSC,NCTVT	36	UTI.OPR.	01/12/86	10	3,58,575	NOT APPLICABLE	
95	SUDHAKAR S HIWALE	SSC	42	CRAFTSMAN	09/01/78	19	4,39,036	NOT APPLICABLE	
96	SUDHIR KESHAV MALWANKAR		40	GEN.OPR.	02/09/80	17	3,16,104	NOT APPLICABLE	
97	SUDHIR M GAMRE	HSC	34	CRAFTSMAN	03/09/84	13	3,80,211	NOT APPLICABLE	
98	SUDHIR V PALEKAR	IX	37	GEN.OPR.	03/11/77	19	3,49,856	NOT APPLICABLE	
99	SUDIN D CHOUGULE	SSC	47	CRAFTSMAN	01/10/76	20	4,56,827	NOT APPLICABLE	
00	SUHAS R TAWDE	SSC,NCTVT	39	CRAFTSMAN	17/09/79	18	6,11,148	NOT APPLICABLE	
01	SUNDARARAJAN U	AICWA	54	C& MD	24/04/81	29	3,07,677	FINANCIAL CONTROLLER	3 YEARS
								TAMILNADU CEMENT CORPN LTD	2 MTHS
902	SUNIL B NEMANE	SSC,NCTVT	33	UTI.OPR.	24/02/86	11	3,76,293	NOT APPLICABLE	
903	SUNIL D LOKHANDE	HSC,NCTVT	36	CRAFTSMAN	12/05/86	11	3,04,215	NOT APPLICABLE	
104	SUNIL G BHADALKAR	SSC	38	LOCO DRIVER	02/10/78	18	3,83,175	NOT APPLICABLE	
05	SUNIL K BORICHA	BCOM	35	CLERK	23/05/88	9	3,05,018	NOT APPLICABLE	
06	SUNIL K SATARDEKAR	BSC	36	UTI.OPR.	01/06/84	13	4,13,732	NOT APPLICABLE	
07	SUNIL M JADHAV	HSC	37	CRAFTSMAN	10/09/85	12	3,89,451	NOT APPLICABLE	
80	SUNIL P ADSULE	HSC,NCTVT	33	CRAFTSMAN	08/09/87	10	3,23,197	NOT APPLICABLE	
09	SUNIL S BELEKAR	SSC,NCTVT	34	CRAFTSMAN	19/01/87	10	3,17,137	NOT APPLICABLE	
10	SUNIL T AZAD	HSC NOTICE	30	CRAFTSMAN	14/09/87	10	3,03,902	NOT APPLICABLE	
11	SUNIL V SAWANT SUNIL V SHINDE	SSC,NCTVT	35	CRAFTSMAN	01/06/84	13	3,81,845	NOT APPLICABLE	
13	SURESH E M	SSC, NCTVT		CRAFTSMAN	12/09/84	13	3,38,834	NOT APPLICABLE	
14	SURESH J BADHARGE	MCOM*	35 46	CLERK	09/01/84	13	4,23,171	NOT APPLICABLE	
15	SURESH KUMAR MANNATIL	BSC		CRAFTSMAN	26/09/80	17	3,45,453	NOT APPLICABLE	
16	SURESH P KOMATHURATHIL	HSC,NCTVT	35 34	PRO.TECH. CRAFTSMAN	09/07/84	13	3,23,210	NOT APPLICABLE NOT APPLICABLE	
17	SURESH'S LELE	NCTVT	42	CRAFTSMAN	03/09/84	13	4,29,877	NOT APPLICABLE	
18	SURESH S PATIL	HSC	34	PRO.TECH.	04/10/77	19	4,83,436	NOT APPLICABLE	
19	SURESH V CHAVAN	HSC, NCTVT	34	UTI.OPR.	11/06/85 18/02/86	12	3,06,119 4,02,414	NOT APPLICABLE	
20	SURESHKUMAR B NAIR	HSC, NCTVT	35	CRAFTSMAN	03/09/84	11 13	3,58,714	NOT APPLICABLE	
21	SURYAKANT S DIVEKAR	IX	36	DRIVER	16/09/85	12	3,54,215	NOT APPLICABLE	
22	SUSHIL N CHAVAN	HSC, ITI	28	CRAFTSMAN	15/09/87	10	3,18,202	NOT APPLICABLE	
23	T J MISHRA	IX	46	GEN.OPR.	02/10/78	18	3,48,477	NOT APPLICABLE	
24	T K RADHAKRISHNAN	SSC	48	UTI.OPR.	01/06/84	13	3,33,943	NOT APPLICABLE	
25	T P JADHAV	SSC,NCTVT	35	CRAFTSMAN	10/01/84	13	4,32,842	NOT APPLICABLE	
26	T R YADAV	IX	49	GEN.OPR.	02/10/78	18	3,75,611	NOT APPLICABLE	
27	T V BHOSALE	IA	49	CRAFTSMAN	16/08/77	20	3,34,075	NOT APPLICABLE	
28	TANAJI DUDHGAONKAR	SSC,NCTVT	43	CRAFTSMAN	12/06/79	18	4,56,144	NOT APPLICABLE	
29	TANAJI SHANKAR HANDE	IX	40	GEN.OPR.	01/09/80	17	3,29,176	NOT APPLICABLE	

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930	THOMAS L TUSCANO	SSC,NCTVT	34	CRAFTSMAN	07/05/86	11	3,55,232	NOT APPLICABLE	
931	TUKARAM B BAEET	IXTH PASS	52	CRAFTSMAN	05/06/86	11	3,02,868	NOT APPLICABLE	
932	TUKARAM P RAUL	B.COM.	42	CLERK	01/09/78	19	4,42,739	NOT APPLICABLE	
933	TUKARAM S SAWANT	IX	36	GEN.OPR.	30/12/85	11	3,13,485	NOT APPLICABLE	
934	TUSHAR M KADAM	SSC,ITI	31	CRAFTSMAN	29/06/87	10	3,08,557	NOT APPLICABLE	
935	U H AHIRE	SSC	46	UTI.OPR.	01/11/80	16	4,09,395	NOT APPLICABLE	
936	U L PATEL	SSC	39	LOCO DRIVER	30/10/80	16	3,69,986	NOT APPLICABLE	
937	U R GHAGARE	NCTVT, DME	32	CRAFTSMAN	11/09/86	11	3,57,013	NOT APPLICABLE	
938	U S MOHITE	VII	52	GEN.OPR.	09/12/81	15	3,11,218	NOT APPLICABLE	
939	UDAY KARANDE	BSC	31	CLERK	02/09/91	6	3,39,820	NOT APPLICABLE	
940	UDAYKUMAR S SAWANT	HSC, NCTVT	31	CRAFTSMAN	28/09/87	10	3,38,447	NOT APPLICABLE	
941	* UGALE AS	SSC, NCTVT	41	MAINT OFFICER	08/05/78	21	5,04,368	MAZGAON DOCK LTD	2 YEARS
942	UJJWAL G SHINTRE	HSC,NCTVT	32	CRAFTSMAN	02/09/85	12	3,80,347	NOT APPLICABLE	
943	UMA U SULE	B.COM	37	CLERK	12/12/88	8	3,03,700	NOT APPLICABLE	
944	UTTAM BHAU KAMBLE	IX	39	LEADING HAND	13/08/79	18	3,53,516	NOT APPLICABLE	
945	UTTAM K KHADE	SSC	42	UTI.OPR.	25/01/88	9	3,32,602	NOT APPLICABLE	
946	UTTAMRAO G HUNDARE	HSC	33	CRAFTSMAN	02/06/86	11	3,61,695	NOT APPLICABLE	
947	V A KUDALKAR	SSC,NCTVT	40	CRAFTSMAN	11/08/80	17	4,75,189	NOT APPLICABLE	
948	V B AMBRE	SSC	38	CRAFTSMAN	19/10/81	15	3,74,985	NOT APPLICABLE	
949	V B BHOIR	SSC,NCTVT	37	CRAFTSMAN	05/05/81	16	4,40,289	NOT APPLICABLE	
950	V B INARKAR	IX	37	CRAFTSMAN	04/06/81	16	4,18,317	NOT APPLICABLE	
951	V B NAIK	1X	39	GEN.OPR.	26/05/81	16	3,06,492	NOT APPLICABLE	
952	V B PASI	IXTH PASS	42	FORKLIFT OPR.	02/10/78	18	3,43,407	NOT APPLICABLE	
953	V B ZUMBRE	VII	43	LOCO DRIVER	06/11/78	18	4,47,382	NOT APPLICABLE	
954	V G KHANVILKAR	1X	41	GEN.OPR.	28/02/77	20	3,43,334	NOT APPLICABLE	
955	V G RAUT	IX	39	GEN.OPR.	27/07/81	16	3,19,615	NOT APPLICABLE	
956	V H WAGHMARE	VIII	43	GEN.OPR.	01/06/81	16	3,19,454	NOT APPLICABLE	
957	V J POKHARKAR	SSC,NCTVT	36	CRAFTSMAN	05/05/81	16	4,27,867	NOT APPLICABLE	
958	V K BODAS	SSC,NCTVT	43	CRAFTSMAN	20/01/78	19	4,35,449	NOT APPLICABLE	
959	V K DOIPHODE	IXTH PASS	40	GEN.OPR.	12/04/77	20	3,08,923	NOT APPLICABLE	
960	V L CHAVAN	X	42	GEN.OPR.	16/01/81	16	3,15,725	NOT APPLICABLE	
961	V M MARTAL	IX	38	LEADING HAND	08/05/81	16	3,31,815	NOT APPLICABLE	
962	V M RANE	SSC	47	GEN.OPR.	02/10/78	18	3,39,427	NOT APPLICABLE	
963	V N JADHAV	IX	40	GEN.OPR.	29/12/80	16	3,27,926	NOT APPLICABLE	
964	V N JADHAV	SSC,NCTVT	37	CRAFTSMAN	08/09/83	14	3,91,667	NOT APPLICABLE	
965	V N JAGTAP	X	41	GEN.OPR.	30/10/80	16	3,25,708	NOT APPLICABLE	
966	V N RANE	B.COM	38	CLERK	14/10/82	14	4,58,977	NOT APPLICABLE	
967	V R AUTHADE	X	42	CRAFTSMAN	03/11/77	19	3,83,427	NOT APPLICABLE	
968	V R DARDE	SSC	43	CRAFTSMAN	15/12/76	20	3,68,052	NOT APPLICABLE	
969	V R GAONKAR	SSC,NCTVT	37	CRAFTSMAN	02/07/81	16	5,16,760	NOT APPLICABLE	
970	V R KAIPPULLY	IX	40	GEN.OPR.	02/10/78	18	3,40,319	NOT APPLICABLE	
971	V R LAHASE	SSC	51	LEADING HAND	10/05/78	19	3,52,297	NOT APPLICABLE	
972	V R MALSEKAR	SSC	40	LOCO DRIVER	02/10/78	18	3,63,062	NOT APPLICABLE	
973	V S DESAI	IX	41	GEN.OPR.	01/12/80	16	3,17,824	NOT APPLICABLE	
974	V S GAIKWAD	IXTH PASS	39	UTI.OPR.	22/09/86	11	3,29,767	NOT APPLICABLE	
975	V S KABAD	SSC	35	UTLOPR.	03/11/83	13	4,03,346	NOT APPLICABLE	
976	VSKALE	VI	55	GEN.OPR.	01/02/79	18	3,16,709	NOT APPLICABLE	
977	V Y PAWAR	SSC,NCTVT	44	CRAFTSMAN	18/11/81	15	4,50,749	NOT APPLICABLE	
978	VALERIE RODRIGUES	BCOM	36	CLERK	23/11/83	13		NOT APPLICABLE	
979	VASUDEO H KADAM	SSC	36	CRAFTSMAN	08/03/85		3,04,144		
980	VASUDEO P DIWATE	VIII	44	CRAFTSMAN	16/08/77	12	3,36,612	NOT APPLICABLE	
981	VASUDEO R KAMBLI	SSC,BOILER-I	55	UTI.OPR.		20	4,02,335	NOT APPLICABLE	
982	VATSALA SONAWANE	BA(HIST)	40	CLERK	08/10/79	17	4,62,058	NOT APPLICABLE	
983	VEENU JAGASIA	BA	43	CLERK	01/10/85 21/10/83	11	3,31,224	NOT APPLICABLE	
984	VENKATRAO S SIKHA	SSC	49	FIRE OPR.		13	3,35,827	NOT APPLICABLE	
985	VENUGOPAL D NAYAK	IX	37	DRIVER	05/11/85	11	3,70,922	NOT APPLICABLE	
986	VERONICA J CORREIA	BA	37	CLERK	13/01/86	11	4,08,236	NOT APPLICABLE	
987	VIDYA PRAKASH RAO				07/03/83	14	3,42,372	NOT APPLICABLE	
988	VIDYA V SAWANT	B.A.	37	CLERK	15/10/82	14	3,66,080	NOT APPLICABLE	
	VIJAY A YADAV	BCOM	35	CLERK	18/02/86	11	3,61,142	NOT APPLICABLE	
	VIUMI M IMUMV	BA	42	CLERK	01/12/83	13	3,75,563	NOT APPLICABLE	
989 990	VIJAY D GANGAWANE	SSC, ITI	34	CRAFTSMAN	06/05/86	11	3,33,389	NOT APPLICABLE	

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992	VIJAY KUMAR V KAMBLE	SSC, NCTVT	40	UTI.OPR.	15/10/87	9	3,86,690	NOT APPLICABLE	
993	VIJAY L DEKATE	BSC	31	UTI.OPR.	17/08/89	8	3,06,794	NOT APPLICABLE	
994	VIJAY L NAGPURE	FYJC	34	CRAFTSMAN	28/07/86	11	3,33,650	NOT APPLICABLE	
995	VIJAY N PHANSEKAR	BSC	33	UTI.OPR.	27/04/87	10	3,61,131	NOT APPLICABLE	
96	VIJAY S KULKARNI	SSC, NCTVT	39	CRAFTSMAN	04/09/84	13	3,85,034	NOT APPLICABLE	
97	VIJAY S PAWAR	IX	31	CRAFTSMAN	20/02/85	12	3,29,647	NOT APPLICABLE	
98	VIJAY V VAISHAMPAYAN	SSC,BOILER-I	43	UTI.OPR.	15/01/85	12	3,25,480	NOT APPLICABLE	
99	VIJAYA CHANDRAKANT PAI	BA	47	CLERK/TYPIST	02/03/84	13	3,20,197	NOT APPLICABLE	
000	VIJAYANAND P TAMBE	FJBSC	33	CRAFTSMAN	08/09/87	10	3,04,509	NOT APPLICABLE	
001	VIJAYKUMAR D KAPADIA	SSC, NCTVT	41	CRAFTSMAN	21/09/84	13	3,31,586	NOT APPLICABLE	
002	VIKAS B NERURKAR	BSC	33	PRO.TECH.	11/03/86	11	3,40,540	NOT APPLICABLE	
003	VIKAS D KSHIRSAGAR	BSC	37	PRO.TECH.	06/08/84	13	3,55,699	NOT APPLICABLE	
004	VIKAS R MANCHEKAR	HSC,NCTVT,D.E.E	34	CRAFTSMAN	02/07/85	12	3,80,993	NOT APPLICABLE	
005	VIKAS S RAHATE	HSC, NCTVT	36	CRAFTSMAN	01/08/86	11	3,41,103	NOT APPLICABLE	
006	VIKASH RAJAPUT	BCOM	37	CLERK	21/01/86	11	4,79,346	NOT APPLICABLE	
007	VILAS A ANGNE	HSC. NCTVT	31	CRAFTSMAN	08/09/87	10	3,05,974	NOT APPLICABLE	
008	VILASRAO SALUNKHE	SSC	47	DRIVER	02/03/90	7	3,23,283	NOT APPLICABLE	
009	VINAYAK S HINDLEKAR	XIITH, NCTVT	32	CRAFTSMAN	03/09/86	11	3,44,880	NOT APPLICABLE	
010	VINCENT V CORREIA	SSC, ITI, NCTVT	37	CRAFTSMAN	25/02/87	10	3,23,641	NOT APPLICABLE	
011	VIRKJS	B SC MECH ENGG	49	DGM LPG OPS.	01/10/82	24	3,00,442	SCIENTIFIC OFF/ ENGG DEPT OF ATOMIC ENERGY	7 YEAR 1 MTH
012	VISHNU K LOKHANDE	X	54	GEN.OPR.	01/02/80	17	3,03,890	NOT APPLICABLE	
013	VISHWANATH B BAILE	SSC	53	CRAFTSMAN	07/11/85	11	3,35,895	NOT APPLICABLE	
014	VISHWANATH G BANE	IX	34	GEN.OPR.	30/05/85	12	3,04,963	NOT APPLICABLE	
115	VISHWAS K BHONDE	IX	41	CRAFTSMAN	29/05/85	12	3,29,119	NOT APPLICABLE	
16	VITHAL MHASKAR	X	45	DRIVER	01/03/90	7	3,42,132	NOT APPLICABLE	
17	VIVEK V POONEKAR	SSC, NCTVT	34	UTI.OPR.	09/04/87	10	3,14,997	NOT APPLICABLE	
18	W F FERNANDES	X	40	CRAFTSMAN	12/07/83	14	3,57,237	NOT APPLICABLE	
19	W V QUADROS	IX	38	CRAFTSMAN	15/02/79	18	4,64,014	NOT APPLICABLE	
20	WILTON	HSC	42	MALE NURSE	11/07/88	9	3,46,364	NOT APPLICABLE	
21	WINSTON I RODRIGUES	SSC,NCTVT	39	CRAFTSMAN	08/03/75	12	4,17,473	NOT APPLICABLE	
22	Y D NAGARE	IX	38	DRIVER	27/03/84	13	3,30,285	NOT APPLICABLE	
23	Y D TANDEL	BSC	36	PRO.TECH.	27/02/84	13	3,15,244	NOT APPLICABLE	
24	Y K SARGAR	VIITH PASS	36	FORKLIFT OPR.	19/10/81	15	3,03,768	NOT APPLICABLE	
25	Y S SANSARE	VIII	51	CRAFTSMAN	10/11/78	18	3,53,845	NOT APPLICABLE	
26	Y S TRIPATHI	IX	40	CRAFTSMAN	17/07/80	17	4,72,223	NOT APPLICABLE	
27	YASHIN D NAIKAVADI	SSC	44	FIRE OPR.	01/06/79	18	4,55,622	NOT APPLICABLE	
28	YASHWANT D SURADKAR	BCOM	38	CLERK	17/05/85	12	4,44,961	NOT APPLICABLE	
29	YATIN A DESHMUKH	SSC,BOILER	36	UTI.OPR.	17/02/86	11	3,77,866	NOT APPLICABLE	
30	YESHWANT M DODKUL	IX	45	GEN.OPR.	06/08/79	18	3,24,918	NOT APPLICABLE	
31	YOGENDRAPRASAD P PANDEY		46	UTI.OPR.	14/12/84	12	3,26,170	NOT APPLICABLE	
32	YUSUF H MULANI	IX	31	FIRE OPR.	31/05/85	12	3,23,505	NOT APPLICABLE	
033	YVONNE L D'SOUZA	B.COM	35	CLERK	13/02/84	13	3,15,643	NOT APPLICABLE	

#### Note:

- 1. a. All the employees marked with asterisk are employed for part of the year 1996-97 as either they retired/resigned or otherwise separated during the year.
  - b. The remuneration shown includes apart from regular salary, company's contribution to Provident & Pension Funds wherever applicable, the encashment of Leave due and Leave Fare Assistnce paid during the year of separation, which are considered to work out the rate of remuneration in the aggregate per month.
- There is no employee who is in receipt of remuneration in excess of that drawn by MD/Wholetime Director/Manager and holds not less than 2% of the Equity Shares of the Company.
- 3. Nature of service in all cases was contractual.
- 4. None of the aforementioned employees is related to a Director.

"NOT APPLICABLE" indicates BPCL as first employment.



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