

# ANNUAL REPORT 2010-2011

ZUARI INDUSTRIES LIMITED

### ZUARI INDUSTRIES LIMITED TEN YEARS AT A GLANCE#

(Rs. in Lacs)

Particulars	2010-11	2009-10	2008-09	2007-08	2006-07	2005-06	2004-05	2003-04	2002-03	2001-02
Sales Turnover	5,52,283	4,27,755	6,09,060	2,61,794	2,39,696	2,18,063	1,75,711	1,19,921	1,17,419	1,22,858
Capital Employed	1,85,913	1,87,352	96,314	1,42,191	1,37,959	80,982	51,580	48,968	49,073	53,594
Net Worth	1,22,039	1,06,886	92,740	84,445	78,137	39,644	37,698	35,620	34,161	36,550
Gross Profit	29,911	25,636	20,383	15,837	46,639	9,998	9,336	8,028	7,195	5,849
Interest	(3,832)	(1,721)	(6,066)	(5,677)	(6,103)	(5,494)	(5,465)	(5,443)	(5,310)	(3,607)
Depreciation	(2,134)	(1,951)	(1,775)	(1,728)	(1,731)	(1,602)	(1,610)	(1,262)	(1,282)	(1,525)
Profit Before Exceptional Items & Tax	29,945	21,964	12,542	11,482	5,406	3,148	2,796	2,041	1,956	1,722
Exceptional Items	_	_	_	-	35,387	329	_	_	_	_
Profit After Exceptional Items & before Tax	23,945	21,964	12,542	11,482	40,794	3,477	2,796	2,041	1,956	1,722
Profit After Tax	16,688	15,696	9,328	7,341	39,355	2,617	2,682	1,957	2,084	1,265
Dividends	1,325	1,325	883	883	736	589	530	442	442	294
Earnings per Equity Share (Rs.)	56.68	53.31	31.69	24.94	133.67	8.89	9.11	6.65	7.08	4.30
Net Worth per Equity Share (Rs.)	414.53	363.06	315.01	286.83	265.41	134.66	128.05	120.99	116.03	124.15
No. of Shareholders	35,291	35,077	36669	36760	38907	35994	37553	38953	40400	40682
No. of Employees	776	740	725	713	703	734	750	788	928	1167

# Previous years figures have been regrouped wherever necessary.

ZUARI INDUSTRIES LIMITED adventz

DIRECTORS	:	Saroj Kumar Poddar, Chairman H. S. Bawa, Executive Vice Chairman Suresh Krishnan, Managing Director Shyam Bhartia Arun Duggal D. B. Engineer J. N. Godbole Jyotsna Poddar S. P. Tyagi Marco Wadia
CHIEF GENERAL MANAGER & COMPANY SECRETARY	:	R. Y. Patil
PRESIDENT AGRI-BUSINESS	:	Naveen Kapoor
VICE PRESIDENTS	:	L. M. Chandrasekaran Binayak Datta V. K. Sinha
BANKERS	:	State Bank of India HDFC Bank Limited Corporation Bank Canara Bank ICICI Bank IDBI Bank
LEGAL ADVISERS	:	Crawford Bayley & Co., Mumbai Khaitan & Co., Kolkata
AUDITORS	:	S. R. Batliboi & Co. Chartered Accountants, Gurgaon
REGISTERED OFFICE	:	Jai Kisaan Bhawan Zuarinagar, Goa 403 726.

#### **DIRECTORS' REPORT**

#### To the Members,

1. Your Directors place before you the Forty-Third Annual Report of the Company together with Statement of Accounts for the accounting year ended 31<sup>st</sup> March, 2011.

#### 2. Financial Results and Appropriation :

	Rs.in lacs	Previous Year Rs.in lacs
Profit for the year before depreciation and taxation	26078.63	23914.51
Less :Depreciation for the year	2133.87	1950.76
Profit/(loss) before tax	23944.76	21963.75
Less : Provision for taxation – Current Tax	6900.00	8041.29
- Tax adjustment relating to earlier year	(79.83)	(12.38)
– Deferred Tax charge	437.06	(1,755.14)
– Fringe Benefit Tax	-	(6.12)
Profit/(loss) after tax	16687.53	15696.10
Add : Balance of profit brought forward	62214.07	53067.95
Less : Transfer to general reserve	15000.00	5000.00
Proposed Dividend : 45% (PY 45%)	1324.83	1324.83
Tax on dividend (Including Surcharge)	209.80	225.15
Balance of profit carried forward	62366.97	62214.07

#### 3. Dividend:

The Directors recommend a dividend of Rs.4.50 per equity share (Rs.4.50 per equity share in the previous year).

#### 4. Debt Servicing:

Your Company has met all obligations towards repayment of principal and interest on all loans.

#### 5. Fixed Deposits:

As reported in the year 2008–09, the Fixed Deposit Scheme of the Company has been discontinued and the company has stopped renewals and accepting fresh deposits. Deposits accepted during the Scheme and matured during the year, have been repaid alongwith interest as on 31st March, 2011 in accordance with the terms of deposits. 242 deposits amounting to Rs.45.52 lakhs which had matured have not been claimed. The Company advises the depositors at regular intervals for repayment of the deposits. During the year, the Company has transferred an amount of Rs.1.72 lakhs towards unclaimed / unpaid deposits and interest thereon to 'The Investors Education and Protection Fund', pursuant to Section 205 C of the Companies Act, 1956.

#### 6. Directors:

The Board of Directors of the Company at its meeting held on 21st January, 2011 appointed Mr. Suresh Krishnan as an Additional Director of the Company w.e.f. 21st January, 2011. Mr. Suresh Krishnan will cease to hold Office at the forthcoming Annual General Meeting of the Company and is eligible for re-appointment. The Company has received a notice under section 257 of the Companies Act, 1956 proposing his candidature for the office of Director. Mr. Suresh Krishnan was appointed as Managing Director effective 1st February, 2011 for a period of five years.

Mr. S.K. Poddar, Mr. Marco Wadia and Mr. Shyam Bhartia, retire by rotation at the forthcoming Annual General Meeting and are eligible for re-appointment. The resume and details of other directorships and committee memberships of Mr. S.K. Poddar, Mr. Marco Wadia and Mr. Shyam Bhartia, are given in Annexure 'C' to this report.

#### 7. Auditors:

The Auditors M/s. S.R. Batliboi & Co., Chartered Accountants, Gurgaon, retire at the forthcoming Annual General Meeting and are eligible for re-appointment.

#### 8. Cost Auditors :

The Company has re-appointed Mr. Savari Muthu I., Cost Accountant, Membership No.6716, as the Cost Auditor for the year 2010-11. The Cost Audit Report for the year ended 31-3-2010 was filed by the Company with The Ministry of Corporate Affairs.

#### 9. Conservation of Energy:

Information disclosing particulars of conservation of energy is given in Annexure 'A' to this report.

#### 10. Technology Absorption:

As part of up-gradation with new technology absorption, Ammonia, Urea and Power Plants were converted to Distributed Control System (DCS).

#### 11. Foreign Exchange earnings and outgo:

By producing fertilizers, of which the country is a net importer, there has been savings of valuable foreign exchange to the National exchequer. Foreign exchange earnings and outgo is noted under Schedule 18 (Note 7(C)(ii), 7(E), 7(F) and 10) of the Annual Report and Accounts.

#### 12. Capital Projects:

During the year, based on the Basic Engineering Design Package supplied by M/s. Kellogg Brown & Root, U.S.A. and Detailed Engineering done by M/s. Projects & Development India Ltd., the Plant has been retrofitted and is completely ready to seamlessly change over from the present feedstock of Naphtha to Natural Gas, as and when, it is available.

Furthering energy saving initiatives, the regenerative type Lungstrom Combustion Air Heater in the reformer flue gas duct has been replaced with a Plate type heat exchanger. As a result of this, energy saving is expected by reduction in drive energy of the fans in the air circuit and also higher heat recovery from the flue gas.

#### "adventz" - Corporate Identity :

The Group has developed a new corporate identity, "adventz", with a view to harness and harmonise the vast reservoir of human talent, technological know-how and other resources in a collaborative, inclusive and sustainable manner so as to drive India's development and progress.

The new logo adopted as part of the corporate identity symbolizes Group's deep commitment to the two fundamental drivers of the Indian economy : Agriculture and Industry.

#### 13. Environment & Safety:

The Company's Fertiliser Plant continues to be a 'Zero Effluent Plant' since 1990 and the man-made green belt around the Complex continues to flourish and attract a variety of wild life.

In line with the Company's policy to continuously improve the environment, the new dual fired burners installed for the feedstock conversion project are designed for a lower NOx emission.

The Company continues to give thrust to safety initiatives across all functions.

The Company, during the year, received the "Gomant Sarvochcha Suraksha Puraskar" (1st Prize) from the Green Triangle Society, Goa and The Inspectorate of Factories & Boilers, Govt. of Goa, for Outstanding Performance in Occupational Safety, Health & Environment.

The Company also completed 'One Million' man-hours without reportable lost time accident to ZIL employees.

#### 14. Personnel:

Keeping in focus the projected growth of the Company and the need for building up leadership at different levels, training activities have been carried out for effective succession plan.

The industrial relations in the Company continued to be harmonious.

Particulars of employees to be furnished under Section 217 (2A) of the Companies Act, 1956 and the rules framed thereunder, are annexed to this Report as Annexure 'B'.

#### 15. Subsidiary Companies:

In accordance with Accounting Standard 21, Consolidated Financial Statements presented by the Company includes the financial information of its subsidiaries. The Company has received approval of the Central Government u/s 212(8) of the Companies Act, 1956 exempting the Company from the purview of section 212(8) of the Act. Therefore the Balance Sheet, Profit and Loss Account, Report of the Board of Directors and the Auditors of the Subsidiary Companies are not attached.

The Company will make available these documents/details upon request by any member of the Company interested in receiving this information. The Annual Accounts of the Subsidiary Companies will also be kept for inspection by any investor at the Registered Office of the Company.

Effective 2nd December, 2010 the name of Zuari Developers Limited, a wholly owned subsidiary of the Company has changed to Adventz Infraworld India Limited and effective 17th January, 2011 the name of Zuari Infrastructure and Developers Limited, a wholly owned subsidiary of the Company, has changed to Zuari Management Services Limited. Effective 10th March, 2011 Zuari Holdings Limited, became wholly owned subsidiary of the Company.

### A brief review of subsidiaries and joint ventures of the Company is given here in below:-

#### Subsidiaries :

#### a. Globex Ltd. :

Globex, an offshore subsidiary Company was established at Jebel Ali Free Zone on 9th August, 2009. The Company was established with a view to carry out General Trading in fertilizers and commodities and investment in properties/ Companies, property development, etc.

#### b. Gulbarga Cement Limited (GCL) :

Gulbarga Cement Limited, a wholly owned subsidiary of the Company holds limestone Mining Lease of 989.89 hectares at Ferozabad in Gulbarga District of Karnataka.

The Company has acquired 986 acres of land for setting up Cement Plant of 3.23 million tonnes per annum and coal based Power Plant of 50 MW and in the process of acquiring remaining land for the project.

#### c. Indian Furniture Products Limited (IFPL):

IFPL, a wholly owned subsidiary of the Company, is engaged in manufacturing of Ready-To-Assemble (RTA) furniture of international quality at its state-of-the-art plant at Kakkalur near Chennai. The Plant is highly automated and is CNC (Computer Numeric Control) operated. The factory has a floor area of 225,000 sq.ft. and has capacity to produce 200,000 units of furniture annually. The company has been awarded with ISO 9001:2000 by TUV Suddeutschland accredited by TUV, Germany.

The Company has achieved a turnover of Rs. 123.29 crores during the current financial year, an increase of 28% as compared to the previous year. The mass distribution channel under 'Zuari' brand has grown up by 42% and the momentum is expected to be carried out in next few years. The major portion of IFPL production is supplied to Style Spa Furniture Limited (SSFL) which has also shown a growth of 20% during the current year. A new product line set up in the factory during the year, has yielded good results. A plan has been worked out for debottlenecking the operations in the plant, replacement of old machinery and creating additional warehouse space which will entail an investment of Rs. 14 crores. This is expected to increase production by 10% and productivity by 12%. Emphasis is on leapfrogging the institutional business and also entering into kitchen segment.

 ${\sf SSFL}$  has entered into Franchise Agreement with Chateau d'Ax for premium and luxury segment of furniture business.

#### d. Simon India Limited (SIL) :

SIL, a wholly owned subsidiary of your Company, is engaged in Engineering Procurement and Construction (EPC) activities and has achieved a turnover of Rs.166.79 crores during the current financial year 2010-11. SIL has an order book of Rs.158.88 crores and is currently executing several major projects in India and overseas.

The major Projects under execution are as follows:

- 1. Ammonia abatement & Flare System Project for SABIC in Saudi Arabia
- 2. Phosphoric Acid storage tanks with associated facilities project for Paradeep Phosphates Limited, Orissa
- Final Absorption Tower and associated facilities for Hindustan Zinc Ltd. (Vedanta Group) at Chanderiya, Rajasthan
- 4. Energy Recovery Project for Sulphuric Acid Plant for IFFCO Paradeep.

 ${\sf SIL}$  is also bidding for several other projects in India and overseas.

#### e. Adventz Infraworld India Limited (AIIL):

Adventz Infraworld India Limited, (formerly known as Zuari Developers Limited), a wholly owned subsidiary of your Company is engaged in the business of real estate. AllL is currently, in the process of development of approx. 73 acres

ZUARI INDUSTRIES LIMITED adventz

of land at Hulikeri, Srirangapatnam Taluk, Mandya District, Karnataka, for Company's Zuari Garden City Project.

#### f. Zuari Fertilisers & Chemicals Limited (ZFCL) :

Zuari Fertilisers & Chemicals Limited (ZFCL) is a wholly owned subsidiary of your Company.

The Company is in the process of obtaining various approvals from State and Central Governments for setting up 12 lakhs MTPA of Urea manufacturing plant, based on the Liquified Natural Gas (LNG), at Mastihole Village, Hukkeri Taluka in Belgaum District of Karnataka. The change in the location from Biranholi Village to Mastihole Village was approved by the State High Level Clearance Committee (SHLCC), Government of Karnataka. The Company is in the process of acquisition of land for the said project.

#### g. Zuari Management Services Limited (ZMSL):

Zuari Management Services Limited (ZMSL) [formerly known as Zuari Infrastructure & Developers Limited], a wholly owned subsidiary of your Company is engaged in management consultancy business.

#### h. Zuari Holdings Limited :

Zuari Holdings Limited (ZHL), a wholly owned subsidiary of your Company, is set up to carry on business of investment, holding of investment and as investment Company, having its registered office at Jai Kisaan Bhawan, Zuarinagar, Goa.

#### i. Zuari Investments Limited :

Zuari Investments Limited, a subsidiary of the Company, is a member of both National Stock Exchange (NSE) and Bombay Stock Exchange (BSE) for equity as well as Future & Option (F&O) segment. It is a depository participant with National Securities Depository Limited (NSDL), Central Depository Services Limited (CDSL), National Commodity Derivative Exchange Limited (NCDEX), Multi Commodity Exchange Limited (MCX) and National Spot Exchange Limited (NSEL). Besides being empanelled with Association of Mutual Fund of India (AMFI) for distribution of Mutual Fund products, the company is also a Dealer of OTC Exchange of India (OTCEI) and a Category-II Registrar and Share Transfer Agent registered with Securities and Exchange Board of India (SEBI). The Company has corporate office in Delhi and 20 branches in different parts of India.

The three subsidiaries of Zuari Investments Limited are :-

i. Zuari Insurance Brokers Ltd. :

The Company is a Licensed Direct Insurance Broker for Life and Non-life segment registered with Insurance Regulatory and Development Authority (IRDA).

ii. Zuari Commodity Trading Ltd. :

The Company has become a member of National Commodity Derivative Exchange Limited (NCDEX) and Multi Commodity Exchange Limited (MCX). The Trading activity has started in all the branches during the quarter ended March 2011. iii. Zuari Financial Services Ltd. :

The Company was incorporated with an object to provide financial services. It has submitted application to Reserve Bank of India (RBI) for registration as Non Banking Finance Company (NBFC).

Zuari Investments Limited plans to offer complete bouquet of financial services and poised for one stop shop for Stock Broking, Depository Services, Investment Advisory Services, Insurance Broking Services and Commodity Broking Services.

#### j. Zuari Seeds Limited (ZSL) :

ZSL, a wholly owned subsidiary of the Company, is engaged in R&D, production and marketing of hybrid seeds. The Company has achieved a turnover of Rs. 40.96 crores during the current financial year. Despite seasonal aberrations, by controlling both variable costs and fixed costs effectively, company is back on to the stability track.

As informed earlier, out of the total Hybrid cotton seed market in India the BGII technology based hybrids occupy almost 95% of the market share. These Hybrids are getting commercialized in Kharif 2011.

The Company has initiated trading activities in association with group companies. Vegetable seeds portfolio is also being strengthened with the introduction of Hybrid Bhendi with resistance to Yellow Vein Mosaic virus. A high value Tomato Hybrid was launched during the year which has given encouraging results.

A high value tomato hybrid – Shivani which was launched during previous year has shown good results and the Company is in the process of sealing up the volumes.

#### 16. Joint Ventures:

#### a. Zuari Maroc Phosphates Limited (ZMPL) :

Zuari Maroc Phosphates Limited (ZMPL), a 50:50 joint venture with Maroc Phosphore S.A., Morocco, was established as Special Purpose Vehicle (SPV) for acquisition of Paradeep Phosphates Limited (PPL). At present, the Company is holding 80.45% of the equity stake in PPL.

PPL's sales and operating revenue including subsidy and other income for the year 2010-11 was Rs. 3630.64 crores as compared to the previous year Rs. 3169.27 crores.

PPL continues to increase its market share in its marketing areas. The sale of own fertilizers and traded fertilizers for the year 2010-11 was 11,68,592 MT and 2,77,492 MT respectively.

#### b. Zuari Indian Oiltanking Limited (ZIOL) :

Zuari Indian Oiltanking Limited (ZIOL) a 50:50 joint venture between Zuari Industries Limited and IOT Infrastructure & Energy Services Limited has a state-of-the-art terminalling facility for petroleum products namely Naphtha, Motor Spirit, High Speed Diesel & Superior Kerosene. The Terminal at Goa with 71000 KL tankage is situated 85 M above sea level with a 14 KM long piggable pipeline from Mormugao Harbour, Goa.

The Company provides terminalling services to Zuari Industries Limited, Hindustan Petroleum and Bharat Petroleum.

In the year 2010-11, the terminal has achieved a throughput of 6,57,356 KL @15 degree.

#### c. Zuari Rotem Speciality Fertilisers Limited (ZRSFL) :

Zuari Rotem Speciality Fertilisers Limited, a 50:50 joint venture with Rotem Amfert Negev Limited, Israel, has commenced regular production from 14/08/2010 at its plant at Baramati in Pune District of Maharashtra. The Plant is fully automatic and works on PLC Scada and has manufacturing capacity of 24000 MT per annum on two shift basis with different NPK blends.

Presently, the plant is operating on one shift and producing 19:19:19 Grade under brand name "Poorna – 19".

Introduction of new Water Soluble Fertilisers (WSF) grades with distinct advantages in India is being worked out. Trials are being conducted in different Universities which are mandatory for introducing new grades.

The Company imported WSF products – 3401 MT, MAP – 565 MT and MKP – 161 MT for trading activity.

#### 17. Withdrawl of Scheme of Amalgamation:

Your Board of Directors decided to withdraw the Scheme of Amalgamation of Gobind Sugar Mills Limited (GSML) with the Company, which was pending for sanction before Hon'ble High Court of Bombay at Goa. The withdrawal was in view of change in the business/economic environment in relation to the Company's operation resulting from deregulation of the fertilizer sector and to focus on its core business.

#### 18. Corporate Governance:

The Company has complied with all the mandatory requirements of Clause 49 of the Listing Agreement. The Report on Corporate Governance pursuant to Clause 49 of the Listing Agreement is enclosed as Annexure 'C'. The Auditor's Certificate on Compliance of conditions of Corporate Governance is enclosed as Annexure 'D', Declaration of Managing Director as Annexure 'E' and the Management Discussion & Analysis as Annexure 'F'.

#### 19. Group :

Pursuant to an intimation from the promoters, the names of the promoters and entities comprising "Group" as defined under the Monopolies and Restrictive Trade Practices (MRTP) Act, 1969 are disclosed as Annexure 'G' in the Annual Report for the purpose of the SEBI (Substantial Acquisition of shares and Takeovers) Regulations 1997.

#### 20. Corporate Social Responsibility:

#### A. Care for Stakeholder :

The Company is implementing a tailor made programme "Jaikisaan Sangam" to provide social as well as farm advisory services to the community at large. About 180 grass root level workers known as Jaikisaan Krishi Salahkars have been deployed in different parts of marketing territory. They work as extended arm of the company for delivery of services in the field.

The Company endeavours to promote mechanization in paddy cultivation to begin with, in its home state, Goa. The objective is to help farmers to overcome labour shortage which is threatening paddy cultivation in Goa in recent years. In collaboration with Department of Agriculture, Goa, technology for paddy transplantation, through use of Mechanized Transplanters, was demonstrated in 70 hectares of area in different parts in State of Goa.

Similarly, in order to enhance vegetable production in Goa state, the Company has launched a special campaign in collaboration with Horticultural Corporation, Goa. Demonstrations on vegetable crops like Chilli, Brinjal, Bhendi, Cluster Beans, etc. were organized in 60 hectares of area in different parts of Goa during the year. The Company also raised nursery seedlings of new drum stick variety "Bhagya" in collaboration with Department of Agriculture, Goa and distributed the same to farmers in different parts of Goa.

#### B. Respect for Environment :

Company is committed to conserve environment and as a part of clean environment initiative, a garbage disposal vermi composting unit was set up to take care of waste generated at canteen, office and household in Company's township. A sintex waste management bin with capacity of 3 m<sup>3</sup> was handed over to Sancoale Panchayat in Goa.

The Company has also created wetland for birds in its man made forest.

#### C. Activities for Social and Inclusive development :

a. Animal health camps :

Under Jaikisaan Sangam, the company organized 233 animal health camps and 114 family health camps during the year. As a part of agronomic services, 145 crop seminars and 156 farmer visits to research stations were organized in the field.

b. Family health drives :

The Company has been participating in the pulse polio and filarial drive initiated by Rotary Club and Municipal Council by providing services of van, jeep, for public addressal during such drives.

The company has given on lease land for construction of market complex, sulab souchalaysas, etc. to the local Panchayat.

## ZUARI INDUSTRIES LIMITED adventz

c. Schools :

As part of continuous community welfare awareness, the Company conducted programme for school teachers in and around Zuarinagar. The topics covered were DO's and DON'Ts in the event of Ammonia leak, preventive measures adopted by the Company to avoid untoward incident. Besides the Company provides grants towards infrastructural development for the school in its marketing territory.

d. Telephone help line 'Hello Jaikisaan":

Company is also operating help line service "Hello Jaikisaan" for farmers in Maharashtra and Karnataka. In the year 2010-11, 4884 farmers from Karnataka and 13473 farmers from Maharashtra availed the benefit of this helpline service.

e. Zuari Agri Park, Solapur :

At the model farm, Zuari Agri Park, Solapur, the Company endeavours to lay out practical demonstrations for showcasing the modern technology in crop cultivation. In the year 2010-11, the Company organized field demonstrations on new crops such as marigold, drumstick, sugarcane, etc. Number of farmers from neighbouring areas of Solapur District visited Zuari Agri Park and acquainted themselves with the modern practices in farming.

f. Rural sports :

The Company also organizes several rural sports in the villages in the marketing area, with the objective to support traditional rural sports and encourage rural youth. During the year, 3 wrestling competitions and 5 Bullock cart races were organized in rural areas.

#### D. Dissemination of Information on CSR :

Company is flashing information on CSR and allied activities on its website (http://www.zuari.in) regularly.

#### 21. Directors' Responsibility Statement:

#### Your Directors hereby report:

- that in the preparation of annual accounts, the applicable accounting standards have been followed along with proper explanation relative to material departures;
- that the directors have selected such accounting policies and applied them consistently and made judgements and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the Company as at 31st March, 2011 and of the profit and loss account for the period ended 31st March, 2011;
- that the directors have taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of the Companies Act, 1956, for safeguarding the assets of the Company and for preventing and detecting fraud and other irregularities;
- iv. that the directors have prepared the annual accounts on a going concern basis.

#### 22. Acknowledgements :

Your Directors wish to place on record their appreciation of the dedication, commitment and contribution of all stakeholders, employees of the Company.

For and on behalf of the Board

New Delhi May 9, 2011 S. K. PODDAR Chairman

### Annexure 'A' to the Directors' Report FORM A (See Rule 2)

#### DISCLOSURE OF PARTICULARS WITH RESPECT TO CONSERVATION OF ENERGY

	PAR	ICULARS	Current Year	Previous Year
<b>PC</b> 1.		& FUEL CONSUMPTION ricity		
	(a)	Purchased Unit (KWH) Total Amount (Rs. in lacs) Rate/Unit (Rs.)	90,63,665 481.57 5.31	1,53,66,570 688.45 4.48
	(b)	Own generation (KWH) (i) Through Diesel Generator Unit (KWH) Units per kg. of Diesel/LSHS/Fuel Oil Cost/Unit (Rs.)	2,69,75,950 4.11 6.30	2,26,52,820 4.08 5.36
		<ul> <li>(ii) Through Steam Turbine/Generator Unit (KWH)</li> <li>Units per kg. of Fuel Oil / LSHS Cost/Unit (Rs.)</li> </ul>	4,88,56,547 4.344 5.96	4,86,59,382 4.618 4.73
2.	(a)	Furnace Oil Quantity (MT) Total cost (Rs. in lacs) Average rate (Rs./MT)	80,508 20,846.99 25,894.45	75,664 16,538.13 21,857.45
3.	Oth	er/internal generation (please give details) Diesel :- Quantity (KL) Total cost (Rs. in lacs) Average rate (Rs./KL)	} N. A.	N. A.
<b>C</b> (	Elec	MPTION PER UNIT OF PRODUCTION ricity uct (with details) Unit		
	(i)	Purchased Power (KWH) Urea	7.20	
		18:46:0 10:26:26 12:32:16 20:20:0	12.52 8.81 7.10	7.94 14.19 21.14 13.96 12.77
	(ii)	10:26:26 12:32:16	12.52 8.81	14.19 21.14 13.96
2.		10:26:26 12:32:16 20:20:0 Generated Power (KWH) Urea 18:46:0 10:26:26 12:32:16	12.52 8.81 7.10 - 119.94 29.77 38.96	14.19 21.14 13.96 12.77 120.46 37.70 21.06 32.82
2.		10:26:26 12:32:16 20:20:0 Generated Power (KWH) Urea 18:46:0 10:26:26 12:32:16 20:20:0	12.52 8.81 7.10 - 119.94 29.77 38.96	14.19 21.14 13.96 12.77 120.46 37.70 21.06 32.82