



A Whole New World Of Possibilities



Annual Report 2011

## Our Pharmaceutical Business

### Merck Serono Division

#### Product Portfolio



#### Therapeutic Areas

**Pain Management**  
**Diabetes**  
**Cardiology**  
**Vitamins**  
**Hematinics**  
**Immunity**  
**General Healthcare**  
**Nutritional Supplements**  
**Probiotics**  
**Dermatology**

### Merck Consumer Health Care Division



# Merck Limited

## Forty-fifth Annual Report and Statement of Accounts 2011

<i>Board of Directors</i>	<i>Auditors</i>	<i>Bankers</i>	<i>Legal Advisors</i>
Mr. S. N. Talwar <i>Chairman</i>  Dr. M. Dziki <i>Managing Director</i>  Mr. T. Kneen  Mr. H. C. H. Bhabha  Mr. E. A. Kshirsagar  Mr. P. H. Pimplikar  Mr. K. Shivkumar <i>(up-to 24.05.2011)</i>  Mr. R. L. Shenoy	B S R & Co.	Canara Bank Deutsche Bank AG ICICI Bank Limited HDFC Bank Limited	Crawford Bayley & Co. Talwar Thakore & Associates

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### *Company Secretary*

Mr. H. U. Shenoy

<i>Registered Office</i>	<i>Plant Location</i>	<i>Registrar &amp; Share Transfer Agents</i>
Shiv Sagar Estate 'A' Dr. Annie Besant Road Worli, Mumbai-400 018	Plot No. 11/1 Usgaon, Ponda-403 407 Goa	Sharepro Services (India) Pvt. Ltd. 13AB, Samhita Warehousing Complex 2nd Floor, Sakinaka Telephone Exchange Lane Andheri-Kurla Road, Sakinaka Mumbai-400 072

# Notice of Annual General Meeting

NOTICE is hereby given that the Forty-fifth Annual General Meeting of the members of Merck Limited will be held at Amar Gian Grover Auditorium, Lala Lajpat Rai Marg, Haji Ali, Mumbai-400 034, on Monday, April 9, 2012 at 3.00 p.m. to transact the following business:

## AS ORDINARY BUSINESS:

1. To receive and adopt the audited Profit and Loss Account for the year ended December 31, 2011, the Balance Sheet as on that date and the Reports of the Board of Directors and Auditors.
2. To appoint a Director in place of Mr. R. L. Shenoy, who retires by rotation and being eligible, offers himself for reappointment.
3. To appoint a Director in place of Mr. S. N. Talwar, who retires by rotation and being eligible, offers himself for reappointment.
4. To appoint Auditors to hold office from the conclusion of this meeting until the conclusion of the next Annual General Meeting of the Company and to fix their remuneration.

## AS SPECIAL BUSINESS:

5. To consider and, if thought fit, to pass, with or without modification, as an ORDINARY RESOLUTION the following:  
"RESOLVED THAT pursuant to the provisions of Sections 198, 269, 309 and other applicable provisions, if any, of the Companies Act, 1956, read with Schedule XIII of the said Act, the reappointment of Dr. Marek Dziki as Managing Director of the Company from June 16, 2011 to July 31, 2012 on the terms and conditions as set out in the agreement dated April 25, 2011 entered into between the Company and Dr. Dziki be and it is hereby approved".
6. To consider and, if thought fit, to pass, with or without modification, as an ORDINARY RESOLUTION the following:  
"RESOLVED THAT pursuant to the provisions of Sections 198, 269, 309 and other applicable provisions, if any, of the Companies Act, 1956, read with Schedule XIII of the said Act, the reappointment of Mr. R.L. Shenoy as Whole-time Director of the Company from December 27, 2011 to December 26, 2012 on the terms and conditions as set out in the agreement dated December 26, 2011 entered into between the Company and Mr. Shenoy be and it is hereby approved".

By Order of the Board of Directors

H. U. Shenoy  
Company Secretary

Mumbai, February 28, 2012

*Registered Office:*  
Shiv Sagar Estate 'A'  
Dr. Annie Besant Road  
Worli, Mumbai-400 018

## NOTES:

1. A MEMBER ENTITLED TO ATTEND AND VOTE AT THE MEETING IS ENTITLED TO APPOINT ONE OR MORE PROXIES TO ATTEND AND VOTE ON A POLL ONLY INSTEAD OF HIMSELF AND A PROXY NEED NOT BE A MEMBER.

The instrument appointing Proxies in order to be effective must be received at the registered office of the Company not less than 48 hours before the meeting.

2. The relevant Explanatory Statement pursuant to Section 173(2) of the Companies Act, 1956, in respect of the Special Business at Item Nos. 5 and 6 of the Notice is annexed.
3. The Register of Members and the Share Transfer Books of the Company will remain closed from March 29, 2012 to April 9, 2012 (both days inclusive).
4. In terms of Sections 205A and 205C of the Companies Act, 1956, the dividend which remains unclaimed for a period of seven years from the date of transfer to the Unpaid Dividend Account is required to be transferred to the "Investor Education and Protection Fund" established by the central government. According to the relevant provisions of the Companies Act, 1956, no claims shall lie against the said Fund or the Company for the amount of dividend so transferred to the said Fund. Members who have not encashed the dividend warrant(s) so far for the year ended December 31, 2004 or any subsequent years are requested to send their claims directly to the Company or to M/s. Sharepro Services (India) Private Ltd. (hereinafter referred to as Sharepro Services). The Company has been sending reminders to the concerned members to claim their dividend amounts from the Company.
5. Members are requested to notify any change of address and bank details to their Depository Participants in respect of their holdings in electronic form and in respect of shares held in physical form to the secretarial department at the registered office of the Company or to Sharepro Services.
6. Members are informed that in case of joint holders attending the meeting, only such joint holder who is higher in the order of names will be entitled to vote.
7. In terms of Section 109A of the Companies Act, 1956, members are entitled to make nomination in respect of shares held by them in physical form. Members desirous of making nominations are requested to send their requests in Form 2B, in duplicate, to the secretarial department at the registered office of the Company or to Sharepro Services.

# Notice of Annual General Meeting

8. A brief profile of the Directors retiring by rotation and eligible for reappointment/appointed since the last Annual General Meeting is given in the annexure to this Notice.

## REQUEST TO THE MEMBERS:

1. Members desiring any relevant information on the accounts at the Annual General Meeting are requested to write to the Company well in advance to ensure that such requests reach the Company at least seven days before the date of Annual General Meeting, so as to enable the Company to keep the information ready.
2. As a measure of economy, copies of the Annual Report will not be distributed at the Annual General Meeting. Members are requested to bring their copies of the Annual Report to the meeting.

## EXPLANATORY STATEMENT:

(Pursuant to Section 173(2) of the Companies Act, 1956)

### Item 5:

The Board of Directors of the Company at its meeting held on April 25, 2011 reappointed Dr. Marek Dziki as Managing Director from June 16, 2011 to July 31, 2012 subject to the approval of the members at the forthcoming Annual General Meeting.

The material terms of the agreement dated April 25, 2011 entered into between the Company and Dr. Dziki are as under:

- I. Period: from June 16, 2011 to July 31, 2012.
- II. Dr. Dziki shall be in charge of the management of the Company.
- III. The total remuneration payable to Dr. Dziki shall be as follows:
  - (i) For the period of appointment as stated above, the aggregate remuneration payable to Dr. Dziki by way of salary and commission shall be a maximum of Rs. 20.00 mio. (Rupees twenty million) per annum, subject to such limits as may be fixed by the Board of Directors for each year or part thereof and shall be subject to the overall limits laid down in Sections 198 and 309, read with Schedule XIII of the Companies Act, 1956.
  - (ii) Perquisites: In addition, remuneration would comprise of furnished accommodation or house rent allowance in lieu thereof, gas, electricity, water, furnishings, domestic assistance, use of car with driver, telephone at residence, medical reimbursement, leave travel concessions for self and family, club fees, medical and personal accident insurance paid in accordance with the Rules of the Company

etc. such perquisites being restricted to Rs. 20.00 mio (Rupees twenty million) per annum, subject to such limits as may be fixed by the Board of Directors for each year or part thereof and shall be subject to the overall limits laid down in Sections 198 and 309 read with Schedule XIII of the Companies Act. For the purpose of calculating the above ceiling, perquisites shall be evaluated as per Income Tax Rules, wherever applicable.

(iii) In addition, Dr. Dziki shall be entitled to:

- (a) The Company's contribution to Provident Fund and Superannuation Fund not exceeding 27% of the salary.
- (b) Gratuity payment, and
- (c) Encashment of earned/privilege leave in accordance with the Rules of the Company.

IV. Reimbursement of expenses incurred on behalf of the Company.

V. The agreement may be terminated by either party by giving to the other party six months' notice in writing.

VI. Confidentiality Clause.

VII. If at any time, Dr. Dziki, Managing Director is disqualified/ceased to be Director of the Company, for any cause whatsoever, he shall vacate office of Managing Director of the Company.

The agreement entered into by the Company with Dr. Dziki is open to inspection by members at the registered office of the Company between 2 p.m. and 4 p.m. on all working days except Saturdays, Sundays and Public Holidays, up to and including the day of the Annual General Meeting.

The Directors consider the services of Dr. Dziki useful to the Company and recommend his reappointment as Managing Director of the Company.

Except Dr. Dziki, no other Director is interested in the Resolution.

### Item 6:

The Board of Directors of the Company at its meeting held on November 1, 2011 reappointed Mr. R.L. Shenoy as Whole-time Director of the Company for a period of one year from December 27, 2011 subject to the approval of the members at the forthcoming Annual General Meeting.

The material terms of the agreement dated December 26, 2011 entered into between the Company and Mr. Shenoy are as under:

- I. Period: One year from December 27, 2011.



## Notice of Annual General Meeting

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- II. Mr. Shenoy shall be in-charge of Finance, Legal, Taxation and Secretarial functions of the Company.
- III. The total remuneration payable to Mr. Shenoy shall be as follows:
- (i) For the period of appointment as stated above, the aggregate remuneration payable to Mr. Shenoy by way of salary and commission shall be a maximum of Rs. 10.00 mio (Rupees ten million) per annum, subject to such limits as may be fixed by the Board of Directors for each year or part thereof and shall be subject to the overall limits laid down in Sections 198 and 309, read with Schedule XIII of the Companies Act, 1956.
- (ii) Perquisites: In addition, remuneration would comprise of furnished accommodation or house rent allowance in lieu thereof, gas, electricity, water, furnishings, domestic assistance, use of car with driver, telephone at residence, medical reimbursement, leave travel concessions for self and family, club fees, medical and personal accident insurance paid in accordance with the Rules of the Company, etc. such perquisites being restricted to Rs. 6.00 mio (Rupees six million) per annum, subject to such limits as may be fixed by the Board of Directors for each year or part thereof and shall be subject to the overall limits laid down in Sections 198 and 309 read with Schedule XIII of the Companies Act. For the purpose of calculating the above ceiling, perquisites shall be evaluated as per Income Tax Rules, wherever applicable.
- (iii) In addition, Mr. Shenoy shall be entitled to:
- (a) The Company's contribution to Provident Fund and Superannuation Fund not exceeding 27% of the salary.
- (b) Gratuity payment, and
- (c) Encashment of earned/privilege leave in accordance with the Rules of the Company.
- IV. Reimbursement of expenses incurred on behalf of the Company.
- V. The agreement may be terminated by either party by giving to the other party six months' notice in writing.
- VI. Confidentiality Clause.
- VII. If at any time, Mr. Shenoy, Whole-time Director, is disqualified/ceased to be Director of the Company, for any cause whatsoever, he shall vacate office of Whole-time Director of the Company.
- The agreement entered into by the Company with Mr. Shenoy is open to inspection by members at the registered office of the Company between 2 p.m. and 4 p.m. on all working days except Saturdays, Sundays and Public Holidays, up to and including the day of the Annual General Meeting.
- The Directors consider the services of Mr. Shenoy useful to the Company and recommend his reappointment as Whole-time Director of the Company.
- Except Mr. Shenoy, no other Director is interested in the Resolution.
- By Order of the Board of Directors
- H. U. Shenoy  
Company Secretary
- Mumbai, February 28, 2012
- Registered Office:*  
Shiv Sagar Estate 'A'  
Dr. Annie Besant Road  
Worli, Mumbai-400 018

# Notice of Annual General Meeting

## Annexure to the Notice of Annual General Meeting

BRIEF PROFILE OF DIRECTORS SEEKING REAPPOINTMENT AND DIRECTORS APPOINTED SINCE THE LAST ANNUAL GENERAL MEETING:

Particulars	Mr. R. L. Shenoy	Mr. S. N. Talwar	Dr. Marek Dziki
Date of birth & Age	16/01/1948 64 years	21/11/1937 74 years	01/02/1963 49 years
Appointed on	27/12/1988	17/01/1984	01/08/2006
Qualifications	B.Com., LL.M., A.C.A., ACS, A.I.C.W.A., C.A.IIB.	B.Com., LL.B., Solicitor	M.D., MBA, Ph.D.
Expertise in specific areas	Finance, Legal, Taxation, Secretarial and Commercial functions	Corporate Laws, Corporate Taxation, International issue of securities, Foreign Exchange Laws & Commercial Documentation	Since 1992, the year of joining Merck Group, Dr. Dziki has held senior positions in Merck Group, the last being Head of Strategic innovation at the headquarters in Darmstadt, Germany.
Directorships held in Public Limited and Private Limited Companies	None	PZ Cussons India Pvt. Ltd., FCI OEN Connectors Ltd., Transwarranty Finance Ltd., Armstrong World Industries (India) Pvt. Ltd., Sidham Finance & Investments Pvt. Ltd., Biocon Ltd., Birla Sun Life Insurance Co. Ltd., Birla Sun Life Trustee Co. Pvt. Ltd., Blue Star Ltd., Blue Star Infotech Ltd., Chowgule & Company Pvt. Ltd., Chougule Ports & Infrastructure Pvt. Ltd., Decagon Investments Pvt. Ltd., ELANTAS Beck India Ltd., Epitome Global Services Pvt. Ltd., Esab India Ltd., Greaves Cotton Ltd., India Value Fund Trustee Company Pvt. Ltd., IVF Trustee Company Pvt. Ltd., IVF (Mauritius) PCC, IVF (Mauritius) Ltd., Indium III (Mauritius) Holding Ltd., Indium III (Mauritius) Ltd., Indium IV (Mauritius) Holding Ltd., Indium IV (Mauritius) Ltd., John Fowler (India) Pvt. Ltd., Larsen & Toubro Ltd., MF Global (India) Pvt. Ltd., Morgan Stanley India Capital Pvt. Ltd., Rediffusion-Dentsu, Young & Rubicam Pvt. Ltd., Sandvik Asia Ltd., Shrenuj & Co. Ltd., Samson Maritime Ltd., Snowcem Paints Pvt. Ltd., Sonata Software Ltd., Swiss Re Shared Services (India) Pvt. Ltd., TTK Healthcare TPA Pvt. Ltd., Warner Bros Pictures (India) Pvt. Ltd., Rhodia Specialty Chemicals India Ltd., Garware-Wall Ropes Ltd., Johnson & Johnson Ltd., Uhde India Pvt. Ltd.	Merck Specialities Private Limited.
Memberships/ Chairmanships of Committees in Public Limited Companies	None	Biocon Ltd., Birla Sun Life Trustee Co. Pvt. Ltd., Blue Star Ltd., Blue Star Infotech Ltd., ELANTAS Beck India Ltd., FCI OEN Connectors Ltd., Greaves Cotton Ltd., Morgan Stanley India Capital Pvt. Ltd., Sandvik Asia Ltd.	None
Shareholding in the Company	807	5,914	Nil

## Directors' Report

The Directors have the pleasure in presenting the Forty-fifth Annual Report and Audited Accounts of the Company for the year ended December 31, 2011.

### FINANCIAL HIGHLIGHTS:

	(Rs. mio.)	
	2011	2010
<b>TURNOVER</b>	<b>5,575.7</b>	<b>5,090.8</b>
<b>OTHER INCOME</b>	<b>488.8</b>	<b>433.7</b>
Profit before Interest, Depreciation and Taxation and Impairment Loss/ (reversal)	892.8	1,171.6
Interest	0.2	0.7
Depreciation	79.5	71.0
Impairment Loss/(reversal)	(142.8)	142.8
<b>PROFIT BEFORE TAXATION</b>	<b>955.9</b>	<b>957.1</b>
Provision for Taxation (net)	319.1	325.3
<b>PROFIT AFTER TAXATION</b>	<b>636.8</b>	<b>631.8</b>
Profit & Loss Account brought forward	36.3	1,306.5
<b>PROFIT AVAILABLE FOR APPROPRIATION</b>	<b>673.1</b>	<b>1,938.3</b>
<b>APPROPRIATIONS:</b>		
Transfer to General Reserve	—	63.2
Interim Dividend Paid	—	1,576.9
Dividend Tax on Interim Dividend	—	261.9
Balance carried to the Balance Sheet	673.1	36.3

### OPERATIONS:

The operational working of the Company, in detail, is discussed in the Management Discussion and Analysis Report forming part of this Report. The turnover of the Company showed an increase of 9.5% over the turnover achieved in the previous year. As against Rs. 5,090.8 mio. achieved in the year 2010, the turnover of the Company in 2011 was Rs. 5,575.7 mio. While the Pharmaceuticals segment showed an increase in the turnover of 7.2%, the Chemicals segment showed an increase of 15.4% compared to the respective turnover of the segments in the preceding year.

The Profit After Tax for the year under review was Rs. 636.8 mio. as against Rs. 631.8 mio. in 2010, showing a marginal increase of 0.8%.

The F.O.B. value of exports of the Company during the year 2011 was Rs. 538.9 mio. as against Rs. 468.8 mio. achieved in the preceding year.

The Company had debited in the previous year Rs. 142.8 mio. to the profit and loss account towards the impairment loss on the assets used for the manufacture of Oxynex at its Goa plant. Though the Company had curtailed production of Oxynex during the year under review, the plant was utilized to manufacture Vitamin E for part of the year. Taking into account the approved utilization of the Oxynex plant and its value in use, an amount of Rs. 142.8 mio. debited to profit and loss account in the previous year was reversed and credited to profit and loss account.

### SHARE CAPITAL:

Share capital audit as per the directives of the Securities and Exchange Board of India is being conducted on a quarterly basis by K.G. Saraf & Company, Practicing Company Secretaries. The share capital audit reports are duly forwarded to the Bombay Stock Exchange and National Stock Exchange of India Limited where the equity shares of the Company are listed.

### DIVIDEND:

In view of significantly large dividend of 950% (Rs. 95/- per share) paid during the year 2010 and to conserve the resources, the Directors have not recommended any dividend for the year ended December 31, 2011.

### FIXED DEPOSITS:

The Company has not accepted any public deposits from the public or the members during the year 2011.

### DIRECTORS' RESPONSIBILITY STATEMENT:

In accordance with Section 217(2AA) of the Companies Act, 1956, your Directors confirm that:

- in the preparation of the annual accounts, the applicable Accounting Standards/Rules have been followed along with proper explanation relating to material departures;
- the accounting policies have been consistently applied and reasonable and prudent judgement and estimates have been made so as to give a true and fair view of the state of affairs of the Company as at December 31, 2011 and the profit for the year ended on that date;
- proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of the Companies Act, 1956, has been taken for safeguarding the assets of the Company and for detecting and preventing fraud and other irregularities and;
- the annual accounts have been prepared on a going concern basis.

### DIRECTORS:

During the year, Dr. Marek Dziki was reappointed as Managing Director of the Company for a period up to July 31, 2012. The Board also reappointed



# Directors' Report

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Mr. R. L. Shenoy as Whole-time Director for a further period of one year up-to December 26, 2012. Both the appointments are subject to the approval of the members at the ensuing Annual General Meeting.

Mr. K. Shivkumar resigned as Director effective May 24, 2011. The Board places on record its sincere appreciation for the valuable contributions and guidance rendered by Mr. Shivkumar during his tenure as a Director of the Company.

## AUDITORS:

M/s. B S R & Co., Chartered Accountants, retire as Auditors of the Company at the conclusion of the ensuing Annual General Meeting and have confirmed their eligibility and willingness to accept the office of the Auditors for the year 2012, if reappointed. The Audit Committee of the Board recommends the reappointment of M/s. B S R & Co. as Statutory Auditors for the year 2012.

## COST AUDIT:

Pursuant to Section 233B of the Companies Act, 1956, the Central Government has prescribed cost audit of the accounts maintained by the Company concerning its bulk drugs and formulations divisions. To conduct the cost audit of these divisions, M/s. Sanghvi Randeria & Associates have been appointed as Cost Auditors of the Company for the year 2012, subject to the approval of the Central Government.

## PERSONNEL:

As on December 31, 2011, the total number of employees on the payroll was 1,257. Industrial relations with the employees at various levels continue to be cordial.

The particulars of employees, as required under Section 217(2A) read with the Companies (Particulars of Employees) Rules, 1975, form part of this Report. However, pursuant to the provisions of Section 219(1)(b)(iv) of the Companies Act, 1956, the Report and Accounts are being sent to the members excluding the statement of particulars of employees. Any member interested in obtaining a copy of the said statement may seek it from the Company Secretary.

## CONSERVATION OF ENERGY, TECHNOLOGY ABSORPTION AND FOREIGN EXCHANGE EARNINGS AND OUTGO:

The information pertaining to conservation of energy, technology absorption, foreign exchange earnings and outgo required to be disclosed as per Section 217(1)(e) of the Companies Act, 1956, read with the Companies (Disclosure of Particulars in the Report of the Board of Directors) Rules, 1988, is given in the annexure forming part of this Report.

## CORPORATE GOVERNANCE:

The Report on the Corporate Governance Code along with a certificate from the Auditors of the Company regarding compliance of conditions of Corporate Governance as stipulated under Clause 49 of the Listing Agreements, as also the Management Discussion and Analysis Report, are annexed to this Report.

On behalf of the Board of Directors

S. N. Talwar  
Chairman

Mumbai, February 28, 2012

## Annexure to the Directors' Report

Information under Section 217(1)(e) of the Companies Act, 1956, read with the Companies (Disclosure of Particulars in the Report of the Board of Directors) Rules, 1988.

### (A) CONSERVATION OF ENERGY – GOA PLANT

#### (a) Energy conservation measures taken:

1. Energy audit conducted through reputed external Energy audit firm.
2. All utility equipments operationally controlled as per production plans.
3. Replaced 16 nos. conventional street lights fixtures with energy efficient Light Emitting Diodes (LED) type fixtures.
4. Installed Variable Frequency Drives (VFD) with pressure transmitter for the chilled water circulation pump catering to Oxynex & QC buildings.
5. Installed the VFDs with temperature transmitters for the cooling fan of cooling towers.
6. Trimmed the impellor of chilled water circulation pump of central utility to achieve the required flow & pressure resulting in energy saving.
7. Replaced 250 TR screw chiller in place of vapour absorption chiller in softgel plant.
8. Replaced new fire grating to the solid fuel fired boiler to improve the combustion in the boiler.
9. Steam generation done to the maximum extent by solid fuel fired boiler.
10. Regular maintenance is done to steam condensate traps & safety valves to avoid leakages. Replaced faulty steam traps.
11. Appropriate Diesel Generators (DGs) loading done in second & third shift & one DG is isolated reducing the fuel consumption.
12. Water meters are installed in each plant to track consumption.
13. Compressed air meters are installed in each plant to track consumption.

14. For Briquette fired boiler cashew shell cake is used throughout the year as it is cheap and available in Goa & with high calorific values as compared to briquettes.

#### (b) Additional Investments & Proposals, if any, being implemented for reduction of consumption of energy:

1. Investment done in additional 200 KVAR X 2 nos. capacitor banks to improve the power factor.
2. Investment done in energy efficient screw air compressor in place of conventional reciprocating air compressor.
3. Investment done in water meters, energy meters and compressed air meters for monitoring & control.
4. Investment done in LED street light fixtures, boiler grates, VFDs for pumps & Cooling Towers (CT) fans.
5. Investment done in replacing old compressed air header with higher size.

Approximate investment Rs. 7.4 mio.

#### (c) Impact of measures taken at (a) & (b) above:

1. Specific electrical power consumption with respect to production reduced from 8.52 kw to 7.99 kw per ton of production.
2. Specific boiler fuel (solid fuel) consumption with respect to production reduced from 3.16 kg. to 1.87 kg. per ton of production.
3. Other Fuel consumption like Furnace oil, Light Diesel Oil (LDO), Diesel etc. with respect to production reduced from 0.22 ltr. to 0.14 ltr. per ton of production.
4. Reduction in manufacturing costs, increased safety and environmental friendly process.

#### (d) Total energy consumption and energy consumption per unit of production as per Form A, are given below:

### FORM A

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

##### Power and Fuel Consumption at Goa Factory

Sr. No.	Description	Goa Factory	
		Current Year 2011	Previous Year 2010
1.	<b>ELECTRICITY</b>		
(a)	Purchased Units ('000 KWH)	12,188.40	10,708.62
	Total Amount (Rs. Mio.)	48.81	43.11
	Rate/Unit (Rs.)	4.01	4.03
(b)	Own Generation		
	Through Diesel Generator Units ('000 KWH)	278.18	195.02
	Units/Litre of Diesel Oil	2.70	2.90
	Cost/Unit (Rs.)	15.50	12.97
	Total Cost (Rs. Mio.)	4.31	2.53
2.	<b>BOILER FUELS</b>		
(a)	<b>FURNACE OIL</b>		
	Quantity (Kilo Litre)	95.12	197.13
	Total Amount (Rs. Mio.)	4.14	6.45
	Average Rate (Rs./Kilo Litre)	43,523.96	32,719.53
(b)	<b>SOLID FUELS</b>		
	Quantity (Tons)	2,848.58	3,434.89
	Total Amount (Rs. Mio.)	11.91	12.62
	Average Rate (Rs./Ton)	4,181.03	3,674.10