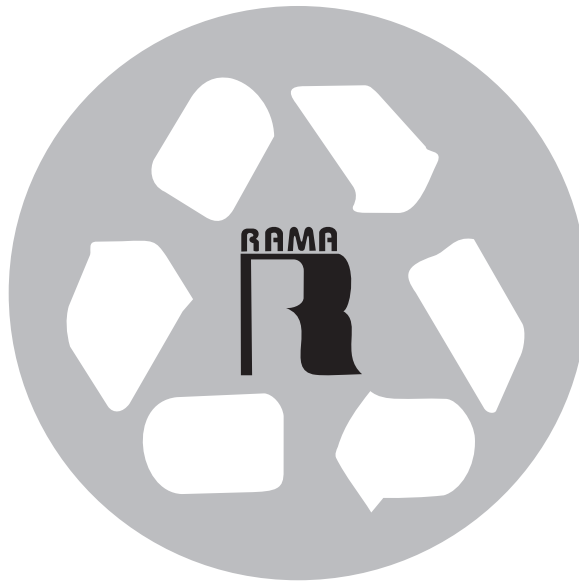


21st ANNUAL REPORT
2011 - 2012



RAMA NEWSPRINT AND PAPERS LIMITED

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BOARD OF DIRECTORS

SHREE KUMAR BANGUR	CHAIRMAN
VIRENDRA BANGUR	VICE CHAIRMAN
K. L. CHANDAK	DIRECTOR
SUDARSHAN SOMANI	INDEPENDENT DIRECTOR
LT. GEN. (RETD.) ASHOK KAPUR	INDEPENDENT DIRECTOR
JANAK MEHTA	INDEPENDENT DIRECTOR
P. S. MAHARAJ	EXECUTIVE DIRECTOR

Bankers

Bank of India
Oriental Bank of Commerce
Central Bank of India
Axis Bank Ltd.
ICICI Bank Ltd.

Registered Office & Factory

Village : Barbodhan, Taluka : Olpad,
District : Surat, Gujarat – 395 005.

Corporate Office

Chandermukhi Building, 8th Floor, 'B' Block,
R. Goenka Marg, Nariman Point,
Mumbai - 400 021.
Ph. : 022-22821025/ 1014/ 1048
Fax : 022-22821083
E-mail : ramanewsprint@ramanewsprint.com
Website : www.ramanewsprint.com

Registrar & Transfer Agent

LINK INTIME INDIA PVT. LTD.

Unit : Rama Newsprint & Papers Ltd.

C – 13, Pannalal Silk Mills Compoud,
L.B.S Marg, Bhandup (W),
Mumbai - 400 078.
Ph. : 022-25963838
Fax : 022-25946969
E-mail : rnt.helpdesk@linkintime.co.in

Auditors

Haribhakti & Co., Mumbai

Advocates & Solicitors

Khaitan & Co., Mumbai.

Sr. Vice President (F & A) & Company Secretary

Girish Sharma

This Annual Report has been printed on Paper Manufactured by RNPL

NOTICE

ANNUAL REPORT 2011 - 2012

NOTICE IS HEREBY GIVEN THAT THE 21st ANNUAL GENERAL MEETING OF THE MEMBERS OF RAMA NEWSPRINT AND PAPERS LIMITED WILL BE HELD ON SATURDAY, 22nd SEPTEMBER 2012 AT 2.30 P.M. AT THE REGISTERED OFFICE OF THE COMPANY SITUATED AT VILLAGE BARBODHAN, TALUKA OLPAD, DISTRICT SURAT, GUJARAT, TO TRANSACT THE FOLLOWING BUSINESS:

ORDINARY BUSINESS

- (1) To receive, consider and adopt the Audited Balance Sheet as at 31st March 2012, Statement of Profit and Loss for the year ended on that date and the Reports of the Directors and Auditors thereon.
- (2) To appoint a Director in place of Lt.Gen. (Retd.) Ashok Kapur, who retires by rotation at the ensuing Annual General Meeting and being eligible, has offered himself for re-appointment.
- (3) To appoint a Director in place of Shri Janak Mehta, who retires by rotation at the ensuing Annual General Meeting and being eligible, has offered himself for re-appointment.
- (4) To appoint a Director in place of Shri Shree Kumar Bangur, who retires by rotation at the ensuing Annual General Meeting and being eligible, has offered himself for re-appointment.
- (5) To appoint M/s. Haribhakti & Company, Chartered Accountants, retiring Auditors, as Statutory Auditors of the Company to hold office from conclusion of the ensuing Annual General Meeting till the conclusion of next Annual General Meeting and to authorize the Board of Directors to fix remuneration of the Statutory Auditors.

SPECIAL BUSINESS

- (6) To consider and if thought fit, to pass, with or without modification(s), the following resolution as **Special Resolution**:

“RESOLVED THAT the Authorised Share Capital of the Company of ₹ 2,33,00,00,000/- (Rupees Two hundred and thirty three crore) comprising 23,30,00,000 (Twenty three crore thirty lac) Equity Shares of ₹ 10/- each be and is hereby reclassified into:

- (i) 2,03,00,000 (Twenty crore thirty lac) Equity Shares of ₹ 10/- each and
- (ii) 30,00,000 (Thirty lac) Preference Shares of ₹ 100/- each.

“RESOLVED FURTHER THAT pursuant to provision of section 16 of the Companies Act, 1956, (including any statutory modification and re-enactment thereof for the time being in force) and all other applicable provisions of Companies Act, 1956, the existing clause V of the Memorandum of Association of the Company be and is hereby altered by deleting the words:

“The Authorised Share Capital of the Company is ₹ 2,33,00,00,000/- (Rupees Two hundred and thirty three crore only) divided into 23,30,00,000 (Twenty three crore thirty lac) Ordinary Shares of ₹ 10/- each” and by inserting the words:

“The Authorised Share capital of the Company is ₹ 2,33,00,00,000/- (Rupees Two hundred and thirty three crore)

divided into 20,30,00,000 (Twenty crore thirty lac) Equity Shares of ₹ 10/- (Ten) each and 30,00,000 (Thirty lac) Preference Shares of ₹ 100/- (One hundred) each.

- (7) To consider and if thought fit, to pass, with or without modification(s), the following resolution as **Special Resolution**:

“RESOLVED THAT pursuant to the provisions of Section 31(1) of the Companies Act, 1956 the existing Article 4 of the Articles of Association of the Company be and is hereby altered by substituting it with the following:

“4. The Authorised Share Capital of the Company is ₹ 2,33,00,00,000/- (Rupees Two hundred and thirty three crore) divided into:

- (i) 20,30,00,000 (Twenty crore thirty lac) Equity Shares of ₹ 10/- each and
- (ii) 30,00,000 (Thirty lac) Preference Shares of ₹ 100/- each.”

- (8) To consider and if thought fit, to pass, with or without modification(s), the following resolution as **Special Resolution**:

“RESOLVED THAT pursuant to Section 80, 81(1A) and other applicable provisions if any, of the Companies Act, 1956, the SEBI (Issue of Capital and Disclosure Requirements) Regulations 2009, Clauses 7, 8 and other enabling provisions of the Memorandum and Articles of Association of the Company and the Listing Agreement entered into by the Company with Stock Exchanges where the shares of the Company are listed and subject to such approvals, consents, permissions and sanctions of the Government of India (‘GOI’) Securities & Exchange Board of India (SEBI) and all other appropriate and/or concerned authorities as may be necessary, and subject to such terms, conditions and modifications, as may be prescribed by any of them in granting such approvals, consents, permissions and sanctions which may be agreed to by the Board of Directors of the Company (hereinafter referred to as the “Board” which term shall be deemed to include any Committee which the Board may have constituted or hereafter constitute to exercise its powers, including the powers conferred by this Resolution), the consent of the Company, be and is hereby accorded to the Board to offer issue and allot from time to time in one or more tranches upto 30,00,000/- (Thirty lac only) Cumulative Redeemable Non Convertible Preference Shares (hereinafter referred to as CRNPS) of ₹ 100/- each aggregating to ₹ 30,00,00,000/- (Rupees Thirty crore only) on a private placement basis to any persons or entities including the persons or entities in the Promoter Group (known as S.K. Bangur Group), as they may deem fit.

RESOLVED FURTHER THAT for the purpose of giving effect to the above, the Board, be and is hereby authorized to determine the form, terms and timing of the issue, issue price, number of CRNPS, rate of dividend, terms and conditions of redemption and related or incidental matters, as the Board in its absolute discretion deem fit and accept any modifications in the proposal as may be required by the authorities in such issues.

NOTICE



RESOLVED FURTHER THAT for the purpose of giving effect to the above resolution, the Board be and is hereby authorized to do all such acts, deeds, matters and things as it may, in its absolute discretion deem necessary or desirable, including without limitation to settle any question, difficulty or doubt that may arise in regard to the offer, issue and allotment of the CRNPS.

RESOLVED FURTHER THAT the Board be and is hereby authorized to accept any modification in the proposal as may be required by the authorities involved in such issues but subject to such conditions as the SEBI or such other appropriate authorities may impose at the time of their approval and as agreed to by the Board.

RESOLVED FURTHER THAT the Board be and is hereby entitled to appoint or enter into and execute all such arrangements/ agreements, with such agencies or entities as may be involved or concerned in such issue/ offering of CRNPS.

RESOLVED FURTHER THAT the Board be and is hereby authorized to delegate all or any of the powers herein conferred, to any Committee of Directors or the Chairman or any other Director(s) or officer(s) of the Company to give effect to the aforesaid resolution."

By Order of the Board
For RAMA NEWSPRINT AND PAPERS LIMITED

Girish Sharma
Sr. Vice President (F&A) & Company Secretary

Place: Mumbai
Date: 6th August, 2012

Registered Office:
Village : Barbodhan,
Taluka : Olpad,
District : Surat,
Gujarat - 395 005.

NOTES:

1. A MEMBER ENTITLED TO ATTEND AND VOTE IS ENTITLED TO APPOINT A PROXY TO ATTEND AND VOTE INSTEAD OF HIMSELF AND A PROXY NEED NOT BE A MEMBER.
2. Proxies in order to be effective must be received by the Company not less than 48 hours before the commencement of the Meeting.
3. The Explanatory Statement Pursuant to section 173(2) of the Companies Act, 1956 in respect of item no.6 to 8 of the set out above is annexed hereto. Books of the Company shall remain closed from 14th September 2012 to 22nd September 2012 (both days inclusive).
4. Pursuant to the requirement of Clause 49 of the Listing Agreement, a statement containing brief resume of the Directors who are seeking appointment/re-appointment under item nos. 2 to 4 is annexed hereto.
5. Members are requested to notify immediately any change in their Registered Address to the Company's Registrar, **LINK INTIME INDIA PVT. LIMITED**, Unit: Rama Newsprint & Papers Ltd., C-13, Pannalal Silk Mills Compound, L.B.S. Marg, Bhandup (W), Mumbai – 400078.

6. Members, who hold shares in de-materialized form, are requested to bring their Client ID and DP ID Nos. for easier identification of attendance at the Meeting.
7. Shareholders seeking any information with regard to the Accounts are requested to write to the Company at an early date to enable the Management to keep the information ready.
8. The documents referred to in this Notice are open for inspection by any Member at the Registered Office of the Company during the Company's business hours on any working day up to the date of the Annual General Meeting and will also be available for inspection at the Meeting.
9. Green Initiative in Corporate Governance – Service of Documents in Electronic Form

As you are aware, Ministry of Corporate Affairs (MCA), Government of India, vide its Circular Nos. 17 & 18 dated 21st April, 2011 and 29th April, 2011, respectively, has now allowed the companies to send Notices of General Meetings/ other Notices, Audited Financial Statements, Directors' Report, Auditors' Report, etc., henceforth to their shareholders electronically as a part of its Green Initiatives in corporate governance.

Keeping in view the aforesaid initiative of MCA, your Company shall send the Annual Report to its shareholders in electronic form, to the e-mail address provided by them.

We are confident that you would appreciate the "Green Initiative" taken by the Government. We sincerely solicit your cooperation in helping your Company to implement the "Green Initiative" and would request you to please register your e-mail ID with the Company/your Depository so as to, henceforth, receive all documents from the Company in electronic mode.

EXPLANATORY STATEMENT PURSUANT TO SECTION 173(2) OF THE COMPANIES ACT, 1956.

Item Nos. 6 & 7

With a view to tide over the difficult financial position of the Company arising out of the heavy cash losses incurred since 2008-09, it is proposed to raise up to ₹ 30 crores by issue of Cumulative Redeemable Non convertible Preference Shares by way of private placement.

To enable the Company to issue and allot the proposed Preference Shares, it is necessary to alter and reclassify the authorized capital of the Company and accordingly alter the capital clauses of the Memorandum of Association and the Articles of Association of the Company.

The Directors recommend this resolution for your approval.

None of the Directors is interested or concerned in the above resolutions.

Item No. 8

The Company plans to issue Preference Share capital of upto ₹ 30 crores on a private placement basis on time to time to persons or entities including the persons from entities from the Promoter Group on such terms and conditions as a Board of Directors may deem fit for the business requirement of the Company.

The Directors recommend the resolution for your approval.

None of the Directors other than Shri Shree Kumar Bangur, Shri Virendra Bangur & Shri K. L. Chandak is concerned or interested in this resolution.

NOTICE

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DETAILS OF THE DIRECTORS SEEKING RE-APPOINTMENT IN FORTHCOMING ANNUAL GENERAL MEETING

(In pursuance of Clause 49 of the Listing Agreement)

Name of Director	Lt.Gen. (Retd.) Ashok Kapur	Shri Janak Mehta	Shri Shree Kumar Bangur.
Date of Birth	13.05.1947	26.10.1963	16.11.1949
Qualifications	Completed 10th, joined National Defence Academy, Khadakwasla	Commerce Graduate	B.Com
Expertise in specific functional areas	Lt. Gen. (Retd.) Ashok Kapur has a vast administrative experience having successfully performed various assignments in the Indian Army. At the time of his retirement from the Indian Army he was Chief of Staff, Southern Command, Pune. Post retirement he was Director General of operations and administration of Military World Games and Additional Director General, Common Wealth Youth Games in Pune.	Shri Janak Mehta is the Promoter and President of M/s. LKP Securities Ltd. He has attended various executive programmes at Harvard Business School, ISB, etc. and is a member of various committees on the Bombay Stock Exchange. He has about 23 years of experience in the business of stock broking.	An industrialist of repute with extensive experience of paper industry and general management of Corporate & Industrial affairs. He is also past president of Indian Paper Manufacturers Association. He is also a Committee Member of Federation of Indian Chamber of Commerce & Industry (FICCI), Indian Chamber of Commerce and Bharat Chamber of Commerce.
Directorship in Other Companies	NIL	FRR Shares & Securities Ltd., FRR Capital Ltd. & FRR Forex Private Limited.	The West Coast Paper Mills Ltd., The Diamond Company Ltd., Jayshree Chemicals Ltd., The Kil Kotagiri Tea & Coffee Estates Co. Ltd., Mothola Company Ltd., Shree Satyanarayan Investments Co. Ltd., Union Company Ltd., Gloster Telecom Ltd., Hindustan National Glass & Industries Ltd., Shree Satyanarayan Properties Pvt Ltd. and Marwar Textiles (Agency) Pvt. Ltd.
Membership of Committees of Board of other Companies	NIL	NIL	Remuneration Committee: Jayshree Chemicals Ltd.
Shareholding in the Company	NIL	NIL	13,27,885

By Order of the Board
For RAMA NEWSPRINT AND PAPERS LIMITED

GIRISH SHARMA
Sr. Vice President (F&A) & Company Secretary

Place: Mumbai
Date: 6th August, 2012

DIRECTORS' REPORT



To
The Members of

RAMA NEWSPRINT AND PAPERS LIMITED

Your Directors are pleased to present the 21st Annual Report and the Audited Accounts for the Financial Year ended 31st March 2012.

FINANCIAL RESULTS

	(₹ in lacs)	
	Year ended 31.03.2012	Year ended 31.03.2011
Revenue from operations	35197.96	32032.09
Profit/(Loss) before Interest, Depreciation and Tax	(258.31)	(641.86)
Finance Cost	5055.05	3733.72
Profit/(Loss) before Depreciation and Tax	(4796.74)	(4375.58)
Depreciation	(3465.56)	3485.14
Profit/(Loss) before Tax	(8262.30)	(7860.72)
Deferred Tax/(Credit)	(2709.62)	6168.20
Net Profit/(Loss) from ordinary activities	(5552.68)	(14028.92)
Extraordinary item: (Refer Note No. 36 of Notes of Accounts)	11765.48	-
Net Profit/(Loss) for the period	6212.80	(14028.92)

PERFORMANCE DURING 2011-12

The year under review proved to be another difficult year for the operations of the Company. Although the selling prices of Newsprint witnessed an increase of about ₹ 3200/MT, the effect of the same was neutralized due to hikes in the cost of raw materials and coal. A substantial increase in the finance cost coupled with loss on account of exchange fluctuation, further aggravated the quantum of loss during the year. As a result of the continuing cash losses, the liquidity crunch being faced by the Company further worsened during the year causing delays and defaults in payment of interest, term loans and other statutory dues.

The Company improved its capacity utilization to about 88% during the year and produced 1,16,060 MT of Newsprint as against 1,09,355 MT during 2010-11. The Company achieved a sales volume of 1,14,080 MT during the year as against 1,14,830 MT during 2010-11.

During the year the Company availed new Term Loans of ₹ 160 crs for refinancing of all the existing term loans and partly to reduce the Working Capital deficit. The new Term Loans provide for a moratorium period of two years alongwith extended repayment schedule. However, the Company could not pursue its plan of raising about ₹ 50 crs. by way of Rights Issue of Equity

Shares on account of the delay in getting the final approval of SEBI coupled with adverse capital market scenario. It is now proposed to raise upto ₹ 30 crs by issue of Preference Shares by way of private placement. The requisite enabling resolutions in this regard will be placed for approval of the Shareholders at the ensuing Annual General Meeting.

CORPORATE SOCIAL RESPONSIBILITY

The Company continues to be conscious about its social responsibilities towards the public living within the vicinity of its Mills. Apart from imparting regular health check facilities for the community in the nearby villages, distributing free medicines to the needy, the Company supplies free Drinking Water on a regular basis to the nearby villages.

The Company has been operating a modern English Medium School to impart quality education to the students in the vicinity. In addition, the Company also undertakes various community welfare jobs as and when needed.

DIRECTORS' RESPONSIBILITY STATEMENT PURSUANT TO SECTION 217 (2AA) OF THE COMPANIES ACT, 1956

The Directors hereby confirm that: -

1. In the preparation of the annual accounts, the applicable accounting standards had been followed along with proper explanation relating to material departures;
2. The directors had selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the company at the end of the financial year and of the profit of the company for that period;
3. Proper and sufficient care has been taken 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;
4. The annual accounts have been prepared on a "going concern" basis.

PUBLIC DEPOSITS

The Company has not accepted any deposits from public during the year under review.

LISTING OF SHARES

Equity Shares of Company continue to be listed on Bombay Stock Exchange Ltd. (BSE) and National Stock Exchange of India Ltd. (NSE). The Company has duly paid listing fees to the stock exchanges.

DIRECTORS' REPORT

ANNUAL REPORT 2011 - 2012

DIRECTORS

Lt.Gen. (Retd.) Ashok Kapur, Shri Janak Mehta & Shri Shree Kumar Bangur are retiring by rotation at the ensuing Annual General Meeting and, being eligible, have offered themselves for re-appointment.

ENERGY CONSERVATION, TECHNOLOGY ABSORPTION AND FOREIGN EXCHANGE EARNINGS AND OUTGO

Particulars with respect to Conservation of Energy, Technology Absorption, Foreign Exchange Earnings and Outgo as required under Section 217(1) (e) of the Companies Act, 1956 read with Companies (Disclosure of Particulars in the Report of Board of Directors) Rules, 1988 are furnished as Annexure – I to this Report and forms part of it.

PARTICULARS OF EMPLOYEES

During the year under review no employee has drawn remuneration in excess of the limits specified under Section 217(2A) of the Companies Act, 1956 read with Companies (Particulars of Employees) Rules, 1975 as amended to date.

CORPORATE GOVERNANCE & MANAGEMENT DISCUSSION & ANALYSIS

Report on Corporate Governance is made part of this Annual Report as Annexure – II and Management Discussion and Analysis Report as Annexure – III.

As required by the Listing Agreements, the Certificate of Auditors on Corporate Governance compliance is also annexed to this Annual Report.

The Certificate from CEO/CFO was placed before the Board of Directors at the meeting held on 29th May 2012.

CASH FLOW STATEMENT

As required under clause 32 of the listing agreement with the Stock Exchanges, the Cash Flow Statement is attached to the Balance Sheet.

AUDITORS

The present Auditors of your Company, M/s. Haribhakti & Co., Chartered Accountants hold office until the conclusion of this Annual General Meeting and being eligible, offer themselves for re-appointment.

The Board has taken note of the qualification made by the Auditors in their report regarding the Company having recognized Deferred Tax Asset (DTA) in the absence of convincing evidences to support virtual certainty about the future taxable

income. However, as explained in the Notes to Accounts the Board is of a strong opinion that in view of the improved market scenario and the infusion of fresh funds, the Company will have sufficient future taxable profits.

The other observations of the Auditors in their report read with the relevant notes are self explanatory.

COST AUDIT

The cost accounting records maintained by the company are subject to audit by the qualified Cost Auditors. Your Company has appointed M/s. Nanty Shah and Associates, qualified Cost Accountant for conducting the audit of cost account records for the year ended 31st March 2012 and the Cost Audit report will be submitted to the Ministry of Corporate Affairs, Government of India in due course. The Cost Audit report for the year ended 31st March, 2011 was filed on 23rd September, 2011 i.e. well within the due date i.e., 30th Sept., 2011.

INDUSTRIAL RELATIONS

The industrial relations continued to remain cordial throughout the year under review.

ACKNOWLEDGEMENT

The Directors wish to place on record their appreciation for the continued support and co-operation received from the Banks, Financial Institutions, Government Authorities, Share Holders, Suppliers & Dealers. They also deeply appreciate the commitment and dedication of employees at all levels.

By Order of the Board

S. K. BANGUR
CHAIRMAN

Place: Mumbai
Date: 6th August, 2012

ANNEXURE TO DIRECTORS' REPORT



ANNEXURE – I

INFORMATION AS PER SECTION 217(1)(e) READ WITH COMPANIES (DISCLOSURE OF PARTICULARS IN THE REPORT OF BOARD OF DIRECTORS), RULES, 1988 AND FORMING PART OF THE DIRECTORS' REPORT FOR THE YEAR ENDED 31st MARCH 2012.

A. CONSERVATION OF ENERGY

1. Energy Conservation Measure Taken in FY 2011-12

- Speed of agitator no. 711-33-06 in FDP-1 has been reduced by 7.5 % by trimming its impeller.
- Speed of Pump no.711-31-43 in FDP-1 has been reduced by 6 % by trimming its impeller.
- Motor of PM-2 dry end pulper running with <40 % load has been converted to star connection.
- 852-77-04 Motor of PM-2 hood exhaust fan running with <40 % load has been converted to star connection.
- Vacuum Pump No 7-350 KW of PM-2 for suction pick up replaced with smaller capacity 200 KW vac pump.
- Existing cooling water booster pump(Q-350M3,H-3.3 Bar,P-22 Kw) having higher capacity & motor kw has been replaced with required head and flow pump and motor.
- Out of four running fans of cooling tower, one fan made shut as plant is running under capacity.
- Dry end pulper motor connected to Star connection as it was running with less than 40 % load.
- Out of eight aerators, one is completely shut without affecting final effluent quality as plant load has come down

2. Water Conservation Measures Taken in FY 2011-12

- The existing control valve in ETP water line to white water chest no.3 of FDP-2 has been replaced with butterfly valve.
- Utilization of Rain water collected in Guard pond during rainy season.
- Fresh water hose connection of wire wash roll in PM-1 has been modified to control the wastage of water.

3. Energy Conservation Measure Proposed for future

- One FRP Fan received at site and another five existing cast aluminum impellers of Hood Exhaust Fan will be replaced with energy efficient FRP Fans.
- Motors with efficiency lower than 85 % have been identified. It is proposed to replace it with high efficiency motors.
- To replace FDP-2 Krofta high pressure pump & motor with smaller size pump and motor.
- VFD installation in CE-4 and AP-2 boiler.
- To reduce instrument air consumption by separating 4.50 kg/cm² and 6.40 kg/cm² Instrument air line.

4. Water Conservation Measures proposed for future

- To reduce fresh water consumption by utilization of back wash water of ACF and DMF unit in DM plant as make up water for cooling tower.
- Utilization of super clear water in PM-1 wire showers and PM-2 disc filter shower after installing Disc Filter in PM-1.
- It is proposed to work on "Zero Effluent Discharge" for water conservation.

5. Impacts of Measures (1 & 2)

Reduction in power consumption and fresh water consumption for manufacturing Newsprint and Writing and Printing quality paper have been achieved during financial year as given below:

Reduction in power consumption (KWH/Day) 1182

B. TECHNOLOGY ABSORPTION

Efforts made in Technology Absorption, adoption & innovation as per Form B – enclosed.

C. FOREIGN EXCHANGE EARNING AND OUTGO

(₹ In Lacs)

	Current year ended 31.3.2012	Previous year ended 31.3.2011
Foreign Exchange Earning	604.81	553.81
Foreign Exchange Used	6343.29	3764.84

ANNEXURE TO DIRECTORS' REPORT

ANNUAL REPORT 2011 - 2012

FORM - A

Form of Disclosure of particulars with respect to Conservation of Energy

A) Power and Fuel Consumption

Sr. No.	For the Year ended 31.03.12	For the Year ended 31.03.11
1. Electricity		
a) Purchased		
Units (Kwh in thousand)	7468	3401
Total Amounts (₹ Lacs)	1124.15	416.71
Rate/Unit (₹)	15.05	12.25
b) Own Generation		
I. Through Diesel Generator		
Units (Kwh in thousand)	2	9
Unit per Litre of Diesel/Oil	1.76	2.47
Rate/Unit (₹)	23.17	13.91
II. Through Steam Turbine/Generator		
Unit (Kwh in thousand)	117335	117704
Rate/Unit (₹)	3.94	3.16
2. Coal		
Quantity (MT)	154893	149888
Total Cost (₹ In lacs)	5904.61	4827.16
Average rate (₹ per MT)	3812	3220
3. Lignite		
Quantity (MT)	4293	NIL
Total Amount (₹ Lacs)	100.48	NIL
Avg. Rate (₹/K.Ltr)	2341	NIL
4. Furnace Oil		
Quantity (K.Ltr)	Nil	Nil
Total Amount (₹ In lacs)	Nil	Nil
Average rate (₹ Per K. Ltr)	Nil	Nil

B) Consumption per MT of Production

	For the Year ended 31.03.12	For the Year ended 31.03.11
Electricity (kwh)	1075	1108
Furnace Oil (ltr)	NIL	NIL
Coal (kgs)	1335	1371
Lignite (Kgs)	32	NIL

FORM – B

Form for disclosure of particulars with respect to Technology Absorption

RESEARCH AND DEVELOPMENT (R & D) :

- Utilization of paper machine Krofta sludge in paper making system. Substantial reduction of fibre loss achieved resulting in lower requirement of waste paper per ton of paper. Properties of paper also improved in some critical parameters.
- Modified hydrosulphite was tried in the plant and established as substitution.
- New OBA was tried in the plant for substitution and cost reduction.
- Indigenously available core plugs developed for substitution with imported core plugs for cost reduction and availability.
- Lab trials taken and established for new retention aid programme for substitution and cost reduction. Plant trial proposed.
- Lab evaluation of De-inking chemicals carried out against existing chemical being used as substitute for cost effectiveness and improved performance. Plant trial proposed.
- Lab evaluation of new polymer for sludge dewatering at ETP for substitution was established and plant trial proposed.

TECHNOLOGY ABSORPTION :

1. Efforts in brief made towards technology absorption, adoption and innovation :

- Lignite coal firing trial has been taken and results have been found encouraging.
- Successful commissioning of complete ash handling system in AP-2 Boiler.
- Commissioning of on line felt cleaning system for better machine runnability in PM-1 also.
- Commissioning of waste paper sorting station.
- Cast aluminum fans are being replaced with FRP fans.

2. Benefits derived as a result of above efforts:

- As imported and indigenous coal prices are increasing frequently, more use of lignite will be cost effective.
- It has improved reliability in operation apart from saving in air consumption.
- Felt cleaning system has resulted in better machine runnability and paper quality.
- Improved/upgraded technology has helped in sorting inferior quality waste paper raw material in an efficient way. More improvement is expected after installation of perforated drum.
- FRP fans being light in weight helps in substantial energy saving.

3. Details of Project Development work in field of Energy which are in progress :

- Replacement of all the remaining six cast aluminum fans of hood exhaust fan with FRP fans.
- Separation of 4.50 kg/cm² and 6.40 kg/cm² instrument air lines at PM-1 and PM-2 to reduce air consumption.