CHAPTER – II

PROFILE OF TNPL

Introduction

TamilNadu Newsprint and Papers Limited (here in after referred to as TNPL) is located at Kagithapuram in Karur District of TamilNadu about 400 km south-west of chennai and dedicated to the nation on 25\textsuperscript{th} may 1985. with an idea of manufacturing and marketing bagasse based newsprint and printing and writing papers, being introduced as the first products in Asia with bagasse as the primary raw-material. It has acquired 780 acres of land for the original project and developed as part of its factory and non-factory buildings and housing colony. This site offers enough space for the expansion. The source of water is being consumed from cauvery river situated 2kms away from the factory. TNPL is implementing an expansion project to double its capacity from 1,00,000 tonnes per annum to 1,80,000 tonnes per annum at its existing plant site. The corporate office is located at 67, Mount road, Guindy Chennai.

Origin of word paper

The word comes from “PAPYRUS” the writing material used in Egypt. It is the Egyptian word which represents writing material.
Incorporation

16\textsuperscript{th} April 1979 under the companies act 1956.

The Main Objects of the Company

- To carry on business as Newsprint and paper manufactures in all its branches including magazine paper.

- To carry on manufactures of newsprint pulp, paper pulp, bagasse pulp, wood pulp, straw pulp, bamboo pulp, and fibrous pulp of all descriptions and cellulose and any other material required by the company.

- To manufactures buy, sell, exchange, alter, manipulate, improve prepare for maker or otherwise deal in all kinds of bagasse, bamboo grass, wood and all other raw materials.

- To give technical consultancy and advisory services for the above activities.

- To extend lease finance or hire purchase finance to constructors and promoters of various servicing industries.
Conserving the fast depleting forest resources. (By using bagasse TNPL conserves and save 30,000 acres of forest wood).

To reduce the dependence on imported raw material.

Classification of Plant Functions

- Paper machine and finishing godown
- Pulp mill
- Recovery boiler
- Power boiler
- Effluent treatment plant
- Water treatment plant
- Marketing division
- Research and development quality control
- Materials department
- Accounts departments
- Human resource development
Off Site

In order to procure bagasse, which were as the fuel agent in the Sugar Mills in and around TNPL, the organization has established its own

- Salem Co-operative Sugar Mills Ltd., Mohanur.
- Deccan Sugar Mill, Pugalur
- Sakthi Sugar Limited, Appakudal
- Aringar Anna Sugar Mill, Karungulam
- Pettavaithalai Sugar and Chemicals Ltd.

Production Achievements

TNPL has achieved enormous developments in all its hemispheres and continue to repeal others in the market. The Loyola institute of Business Administration (LBA) has adjudged TNPL as the best corporate citizen by recognizing TNPL'S outstanding performance, social commitments, professional management etc... TNPL has received the award "NIRYAT SHREE AWARD" by the federation of Indian Exporters organization. TNPL has bagged the CAPEXIL Award for outstanding export performance for the third consecutive year, from the ministry of commerce and Industry, Government of India.
TNPL has been awarded the 'paper will of the year' award for 2001-02 by the Indian Paper Manufactures Association.

The plant is designed for the nominal capacity of 1,80,000 tonnes of newsprint paper per annum using bagasse as the principal raw material. The original cost of the mill was Rs.236 crores. The company is at present drawing 700 lakhs units per year from the state grid at a cost of Rs.1 to 2.5 crores.

The production in TNPL, Kagithapuram during the last five years are tabulated given below:

**Table: 2.1**

**Production Achievements**

<table>
<thead>
<tr>
<th>Years</th>
<th>Production in Metric tonnes</th>
<th>Percentage of Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997 - 1998</td>
<td>1,70,618</td>
<td>18.94</td>
</tr>
<tr>
<td>1998 - 1999</td>
<td>1,76,075</td>
<td>19.54</td>
</tr>
<tr>
<td>1999 - 2000</td>
<td>1,78,871</td>
<td>19.85</td>
</tr>
<tr>
<td>2000 - 2001</td>
<td>1,91,106</td>
<td>21.22</td>
</tr>
<tr>
<td>2001 - 2002</td>
<td>1,84,267</td>
<td>(20.45)</td>
</tr>
</tbody>
</table>

The levels of output achieved in the last five years by TNPL are shown in the diagram.
Research and Development

The company adopted and developed the innovative technology of manufacturing newsprint using mechanical bagasse pulp. In its endeavour to perfect and harness the bagasse pulping technology, the Research and Development will of the mill plays a key role. The research laboratory of the company is recognized by the department of scientific and industrial research under the ministry of science and technology. The company has a full – fledged quality control/assurance department, which ensures highest quality standards of the products. The quality standards of the products is ISO 14001.

(PARTIAL INTERNATIONAL STANDARD ORGANISATION).

Pollution Control

The company has the approval of pollution control board for its existing effluent treatment and disposal system. Although particle emissions are within permissible levels, the company has installed electrostatic precipitators to further reduce particulate matter in recovery as well as in power boilers.
New addition to the Product-Mix

- Ultra white maplitho For high quality multi color printing

Applications

- TNPL Copier For officer stationary

- OS 2000 For corporate print application

- Computer stationary For computer printout

- Maplitho Variety Ultra white maplitho, Excel maplitho, Hi-tech maplitho.

Other Paper Products:

- Super printing
- Creamwove
- Elegant printing and Newsprint range.

The Organization Structure of TNPL

Accounting, costing, Finance time office and EDP (Electronic Data Processing) are coming under the Head of FCC (Financial Corporation
Commission) controlled by general manager (FCC). Engineering, Civil, Automobile, Workshop, Paper maintenance, Pulp mill, Soda recovery plant, Electrical and instrumentation, Water treatment plant, Effluent treatment plant, Safety and technical service. There are coming under the Head of operations controlled by General manager (operations).

Personnel and administration are coming under the HRD and controlled by general manager (HRD). Materials purchase and stores coming under the Head of project and materials controlled by general manager (project and materials). Marketing controlled by general manager (marketing).

Strength of the Employees

The strength of permanent employees of TNPL is 1689. Among them 423 employees are coming under exclusive category. 285 employees are staff category remaining 981 are coming under workman category.

Table:2.2

<table>
<thead>
<tr>
<th>Categories of Employees in TNPL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>Officers</td>
</tr>
<tr>
<td>Office staff</td>
</tr>
<tr>
<td>Workers</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>
Three indicates that three categories of employees namely, executive and workers are utilized by the company. Out of the total employees the executive category constitutes 25%, the staff category constitutes 17%, and the workers category constitutes 58%. Hence, workers category happens to be the major portion (58%) of the employees.

**Hours of Work**

- 6 A.M to 2 P.M: A shift
- 2 P.M. to 10 P.M.: B shift
- 10 P.M. to 6 A.M: C shift
- 8.30 A.M. to 5.30 P.M: General shift.

**Allowances**

- Variable dearness allowance
- Fixed dearness allowance
- Night shift allowance
Washing allowance

Conveyance allowance

Medical allowance.

**Retirement Benefits**

The age for retirement of workman is 58 and 60 for officers. Workman and officers are eligible for these benefits.

1. Provident – fund – 10% of basic pay.
2. Gratuity
3. Family pension
4. Provide daily allowance for the family members to move to the native place.
5. Transport allowance for house hold articles to the native place.

**Future plan of Action**

- Alternative raw materials of paper manufacture. The commercial stability of wild sugarcane will be explored.
• New product development to suit customer demand and product quality improvement to meet export requirements low grammage newsprint development for high-speed multicolor printing.

• In plant monitoring and control to reduce wayage and optimization of specific consumptions and pulp mill.

• Stabilization of retention aid program in paper machines.

• The Government has allotted $107^2$ hectares of wasteland in modapallipadi, Namagiripettai, T.Jederpalayam and Narikinaru in Namakkal district of the TNPL.

Conclusion

From this, we came to know about Companies History, Production Achievements, and Organization structure of TNPL.

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