

**RELIANCE INDUSTRIES LIMITED**  
**NAGPUR MANUFACTURING DIVISION**

*(FORMERLY INDIAN PETROCHEMICALS CORPORATION LIMITED NAGPUR COMPLEX)*

**Polyesters Manufacturing Plant, Mauda, Dist. Nagpur (Maharashtra)**

### **Unit Profile**

RIL, NAGPUR MANUFACTURING DIVISION (formerly IPCL), is a Polyester Yarn Manufacturing unit having annual capacity of ~ 47,000 MT. Total turnover of plant for FY.2005-06 was Rs. 312.24 Cr. Plant is designed to operate on dual route (PTA / DMT). *The **main product** is Polyester POY (Partially oriented yarn).*

The company is having both direct as well as extruder route facility for POY manufacturing, direct route being the major route, contributing to the extent of ~ 90% of the total POY capacity. In all there are 13 direct spinning lines and one extruder spinning line. Apart from POY, there is also facility to produce Polyester chips and there is one FDY (Fully drawn yarn) line. In the extruder machine, **speciality** products like dope dyed yarn (Black and colored dope dyed) & bleach white POY can be prepared.

Company processes following standards –

1. ISO – 9001
2. EMS-14001
3. OHSAS

### **Energy Management Policy**

**COPY IS ATTACHED ALONG WITH.**

### **Energy Conservation Commitment Policy and Set-up.**

### **Salient features of energy conservation cell**

At RIL-NGP, we have an Energy Conservation Cell, headed by GM (EL&CEA), supported by BEE qualified Energy Auditors, Energy Managers & other senior members drawn from every required discipline. The team comprises of members from utilities, electrical, mechanical, instrumentation and process. This team identifies the energy saving potential projects in the plant. It is discussed in energy cell for viability, technical analysis and implementation.

### **Promoting ENCON projects**

Also, Energy conservation projects are being taken under Six-Sigma projects for statistical analysis of the system as well to make it more effective. Company has launched a suggestion scheme and cash awards to motivate all quarters of employees to come up with Energy saving ideas. We are also promoting CASHE projects thereby focussing on all critical aspects i.e. Energy (Through ENCON), Health and environment.

## Scheme for Financial assistance for BEE examination.

RIL has initiated a unique financial scheme under which engineers / eligible candidates are provided with financial assistance to the tune of 60% of examination fees. In last three examinations, company has produced five BEE qualified energy auditors and two energy managers with few more candidates are at various stage of completion of EA/EM qualification.

## Energy Conservation program as a mission

To make an ENCON program a successful one, management has decided to extend the above financial scheme to all aspiring eligible candidates.

## Energy Conservation Cell Structure

