

Award for TPM Excellence - Category A

Company : Hi-Tech Gears Ltd Group (HGL Group)
Factory : Hi-Tech Gears Ltd and Getrag Hi-Tech Gears (India) Pvt Ltd (Bhiwadi),
Hi-Tech Gears Ltd (Manesar)
Product : Auto Transmission Components – Gears, Shafts, Flanges etc
TPM Kick Off Date : 06 June 2006



Pranav Kapuria
Deputy Managing Director

Award for TPM Excellence - First Category : 2009

Company Profile

Hi-Tech Gears Ltd Group, or simply HGL Group, is a part of HI-TECH Group and is in the business of Manufacturing transmission related auto components such as Gears, Shafts, Flanges for two wheelers, four wheelers and engines, in addition to Precision forgings.

HGL Group caters to the need of various customers through 3 Plants namely, Hi-Tech Gears Ltd (Bhiwadi), Getrag Hi-Tech Gears (India) Pvt Ltd (Bhiwadi) and Hi-Tech Gears Ltd (Manesar). They are located near New Delhi, (with in the distance of 45 to 75 Kilometers) and commenced the operations from year 1987, 2000 and 2005 respectively. All the plants are certified for Quality Management System (ISO/TS 16949), Environmental Management System (ISO 14000) and Safety and Health Management System (OHSAS 18000).

HGL Group has strategic alliances with M/s Mushashi Auto Parts Ltd, Japan and Getrag Corporation, USA and supplies the products to well known customers Hero Honda, Cummins, Cater Pillar, Bosch, New Holland, Honda, Lister Petter etc covering Asia, Europe, North America and South America continents.

Expectation from TPM

- Maximize capacity utilization
- Supply of high quality products to customer
- Minimize cost of operations
- On time delivery and inventory reduction
- Lead time reduction in manufacturing and new product development
- Safe, hygienic and environment friendly work places
- High skill and high morale employees
- Offices oriented for excellent support for manufacturing
- Promotion of continuous improvement culture
- Effective realization of 5 satisfactions namely, customer, employee, social, global and share holders

Achievement Area - Tangible Benefits

Our manufacturing excellence journey has improved the operational and financial measures and some of the key benefits achieved are shown below: (From June 2006)

Productivity : Plant OEE, increased from 46 to 73.1%
Breakdowns, reduced to one-fifth

Quality : Customer Complaints, reduced to one-twentieth
Defects, reduced to one-fifth

Cost : Production cost, reduced by 9%

Delivery : Delivery rate, increased from 83.8 to 99%
Inventory amount, reduced by 20%

Safety : First aid cases, reduced to one-third

Morale : Number of Improvement themes carried out are 470
Number of Kaizens done from Apr 2008 is 14976