

AUTOMOTIVE COMPONENTS

MINDA CORPORATION

Sumit Doseja, COO and head of plant

As head of four plants in Pune, Aurangabad, Noida and Pantnagar, Doseja has taken different initiatives for improving production and quality at Minda's security division. These include Value Stream Mapping (VSM) to improve Value Added Ratio (VAR) and increase the production; use of different concepts like line balancing, extensive use of low cost automation, cycle time reduction etc; and an emphasis on first time right product design and development.

The Noida plant serves as a development hub, and new products are developed here. Pune caters to customers from the Western region and is a hub for export. The Pantnagar plant caters to the Uttarakhand location OEs and is the hub for all after-market products. Their

core product, automobile locks, is also made here. In addition, they have backward integration, like manufacturing Zinc Die Casting parts used in locks, at this plant.

For energy saving, measures such as using solar electricity and heaters; and use of natural lights during the day, and LED lighting instead of conventional lighting are used. They are in the process of making their factories paper-less by taking a lot of measures such as SAP implementation for total database, IT integration in manufacturing processes etc. Rain water harvesting is also practiced for water conservation. They have adopted the Toyota Production System & practice almost all lean tools like 5S, Kaizen, VSM, poka yoke, Kanban, JIT, etc.



FACT FILE

- ◆ Number of products: Approx. 2,000 per day
- ◆ Number of employees: Almost 1,650 workmen
- ◆ Quality & Safety policies: Quality is accorded high priority. Safety of employees is also highlighted through an internal policy document.