

## Industry: Materials Industry

### CEO's Concern:

>To increase the final output of one of the critical shops that were limited to 15% to achieve rated plant capacity

### How TQMI helped:

- Studied the current status at Gemba (workplace)
- Increased number of heats from the shop by 4 per day through setup time reduction by 36%
- Detailed Gemba (workplace) observations and cycle time study
- Statistical analysis to prioritize and find the root cause
- Countermeasures planning and implementation
- Checked results and process
- Standardization and training

### Benefits delivered:

- **Reduced** set up time by **36%**
- **Improved productivity** of current assets by **6.7%**
- Annualized **savings of INR 2180 million**
- Contributed to improvement in sales revenue and profit



**Constraint Shop - Increase production from current assets by reducing set up time in minutes.**

