

## Capacity Utilization - Production study - Loss time analysis



### Key Points

- Annual production capacity calculated
- Eliminated addition of new facility
- Resource utilization calculated

### Client's Challenge

- Evaluate and enhance processing capacity of shot blasting & paint booth
- Evaluate capacity with addition in facility
- Loss time analysis for observed period

### PMI's Approach

- Identification of operations to be studied
- Video Shooting/Observation of details for the entire day
- Loss time & VA/NVA analysis of process(Production Study)
- Recording loss time in loss capturing sheet
- Work content calculation for each process
- Capacity calculation for existing & improved system
- Listing of improvements

### Results

- Production capacity/Manpower requirement calculated
- Elimination of non-value added activities & bottleneck
- Space & capital savings on additional shot blasting & Paint booth installation
- Template preparation for calculation of current/new product's work content



\*Data shown here has been modified to protect client confidentiality