



Good Practice Guide



Factory Improvement Programme

PRODUCTION MONITORING

Production monitoring is a very important management task to measure production progress by tracking achievements towards reaching production targets and to increase productivity. Using a production progress board is a simple but effective way to track production progress.

PROSPECTIVE USERS:

The production manager will need to take the lead in developing the initial monitoring system, in collaboration with the technical department. Line supervisors will be responsible for implementing the system.

This practice can be applied to all kinds of factories.

PROBLEMS ADDRESSED

- Low productivity of some lines.
- Unbalanced lines.
- Bottlenecks within production lines.

PROCESS

This practice involves developing a productivity monitoring system which can allow measurement and analysis of hourly production figures. All line managers collect information about the production productivity for their lines on an hourly basis and write them on a public production progress table. Total figures can then be analyzed to assess the performance of each line, monitor progress towards meeting production targets and identify any difficulties.

RESOURCES REQUIRED

- Line managers to record information.
- Medium-size board with table to record line productivity information and markers available at the beginning of each line.
- Large-size board with production progress table and markers available at the workshop.

CHALLENGES AND PITFALLS

- Using a white board and markers makes it easy to fill in the table, but also easy to erase information, either by accident or on purpose.
- Difficult to sustain efforts to capture accurate information on productivity figures.

POSITIVE IMPACT

- Line balancing.
- Improved productivity.

INDICATORS FOR MONITORING

- Productivity control boards created and updated.
- Timely information is transferred from the productivity control board to the production progress table.
- Production information is summarised after each working day and recorded into an Excel file.

Further Information Available:

FIP References:

Module 2 - Quality

Module 3 - Productivity

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