

Manpower Efficiency

Optimisation of manpower, lines within the process environment to maintain quality, productivity and safety. Identification of overburden and irregularities within the cycle of work based on the identification and reduction of waste through effective use of several Lean tools and techniques.

Aimed at

Production managers, production operators and team leaders with relevant support functions (process engineers, quality, logistics, maintenance etc.)

Needs/issues

Abnormalities due to poor work sequencing and adherence to process are more common in the workplace than people are prepared to accept. A standardised approach can provide major improvements in process capability

Outputs

Analysis of cycle time against task time to target manning calculation.
Standardised work documentation (combination charts, moving line, work elements)
Functional work balance board used by the team line-side.
Performance monitor challenges hourly status against production targets.

Benefits

Visual process control through process confirmation.
Operators and engineers jointly engaged in developing the step by step standards.
Flexibility through multi skilling and cross training of skills.
Increased capability to close out day to day problems.

Phase or stage

Strategic - Part of the foundation to building a strong Lean production system.
Tactical - Productivity improvements responding to increase/decrease in demand.

Timings

12-16 weeks project for average number stations = 12.