

Overall Equipment Effectiveness

Overall Equipment Effectiveness, commonly known as OEE is an industry recognised method of measuring how well an asset works compared to its full potential. The results are stated in a generic form, which allows comparison between manufacturing units in differing industries. OEE has also been valued as an effective change agent for bringing maintenance, production and engineering together to address issues that affects operating performance, as measured by OEE losses.

Overall Equipment Effectiveness (OEE) is a measure comparing how well manufacturing equipment is performing compared to ideal plant, which is in first class condition and has been meticulously maintained to the manufacturers' standards. The resulting measurement is expressed as the ratio of the actual output of the equipment divided by the maximum possible output of the equipment under ideal conditions.

OEE is calculated by multiplying three independently measured values:

- Availability.
- Performance Rate.
- Quality Rate.

Typically, OEE takes the holistic view of all losses that impact on equipment performance: not being available when needed; not running at the ideal rate and not producing first pass A1 quality output.

With our Overall Equipment Effectiveness training, delegates will be able to:

- Understand Overall Equipment Effectiveness.
- Understand the impact of the various factors that influence the performance of your processes.
- Know the solutions that can apply to the resolution of your problems.
- Identify which tools (to use in order to increase the availability, performance of the equipment and quality of the products and processes.

Enhances organisational competences can contribute to business improvement measuring Overall equipment effectiveness (OEE), understanding the major losses affecting availability, performance and quality.

Who should attend?

Those who might benefit from attending this workshop include:

- Engineers, managers, supervisors, maintenance support, manufacturing personnel and change agents.
- Organisations at any level of a lean journey, either in the beginning stages or in more intermediate phases.
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Course duration:

Workshop/Practical - 1 Day (Completed as a team).

Maximum number of delegates: Eight (8) per session.