

OPERATIONS

Overall Equipment Effectiveness & Total Productive Maintenance

Measure equipment performance, expose hidden losses and mobilise operations and maintenance around sustained improvement.



DURATION

3 days

DELIVERY

Public or in-house

Why this programme

OEE makes availability, performance and quality losses visible. TPM converts that insight into shared action by involving operators, maintenance teams and leaders in protecting equipment condition and eliminating recurring waste. This programme combines sound OEE measurement with the practical disciplines of TPM, autonomous maintenance, planned maintenance and focused improvement so participants can build a credible, site-level action plan.

What participants will learn

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| <p>01 Calculate OEE and interpret availability, performance and quality.</p> | <p>02 Diagnose the major equipment losses hidden inside production data.</p> |
| <p>03 Apply TPM pillars and practical autonomous maintenance routines.</p> | <p>04 Create a prioritised plan for improving equipment effectiveness.</p> |

Who should attend

Production managers, operations managers, maintenance engineers, reliability engineers, supervisors and continuous improvement teams.

How you will learn

Trainer explanation, guided application and discussion connect the module topics to practical workplace situations. The final emphasis is on applying the methods in your own role or team.

Detailed programme

The sequence and emphasis can be tailored to participant needs.

01 OEE foundations

- Explain what overall equipment effectiveness measures and why it is useful.
- Set measurement boundaries and establish a credible performance baseline.
- Connect equipment data to operational priorities and improvement opportunities.

02 Availability, performance and quality

- Calculate availability, performance and quality using consistent definitions.
- Recognise common data and calculation errors that distort OEE results.
- Interpret the three factors separately as well as the combined OEE measure.

03 The six big losses

- Distinguish breakdown, setup, minor-stop, speed, defect and start-up losses.
- Use production information to make recurring equipment losses visible.
- Identify which losses should receive focused improvement attention.

04 TPM pillars in practice

- Connect autonomous and planned maintenance with equipment condition.
- Consider the contribution of skills, safety and early equipment management.
- Clarify the shared roles of operations, maintenance and leadership.

05 Focused improvement

- Prioritise losses and investigate the causes behind recurring problems.
- Use focused improvement, kaizen and visual management to organise action.
- Build an implementation roadmap with measures and cross-functional ownership.

PRACTICAL APPLICATION

A focused equipment-improvement roadmap.

HRD Corp claimable training is arranged through Orange Revolution. Confirm programme eligibility and claim arrangements with ISDS before booking.

Plan your training with ISDS

Discuss fees, trainer arrangements and delivery options for your team.

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