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COURSE BROCHURE

Maintenance Auditing and Benchmarking Scorecard Training Course

24 – 28 May 2027
Singapore

Maintenance Auditing and Benchmarking Scorecard Training Course

Ref: 1272_47819 **Date:** 24 – 28 May 2027 **Location:** Singapore **Fees:** 9300 GBP

Maintenance Auditing and Benchmarking Scorecard is a 1-week training course for maintenance managers and continuous improvement leads who must judge how well their maintenance function really performs, and who leave with a maintenance audit scorecard and improvement roadmap. Boards and asset owners now ask for evidence that maintenance spend buys reliability, not just a list of completed work orders. Jupiter Prime Training offers this course in maintenance auditing and benchmarking scorecard methods.

Why Maintenance Auditing and Benchmarking Scorecard Matters Now

Asset owners, operations directors and finance functions increasingly compare maintenance performance across sites and against industry figures. A maintenance function that has never been audited tends to defend itself with anecdotes and activity counts, while one that scores its own practices against a structured framework can show where it leads, where it lags and what to fix first. The course draws on ISO 55001 for asset management systems, EN 13306 for maintenance terminology, and the Society for Maintenance and Reliability Professionals SMRP metric definitions, so audit findings and benchmarks use agreed language.

Who Gains Most from Maintenance Auditing and Benchmarking Scorecard

- Maintenance managers accountable for the performance of a plant or estate maintenance function
- Continuous improvement leads who run assessments and track improvement actions
- Reliability engineers who supply failure data and KPI trends to audits
- Planning and scheduling leads whose work processes are scored during audits
- Internal auditors and quality leads who review engineering functions

A multi-site group gains most when maintenance managers from several sites attend together, because they can then audit one another's functions with the same scorecard and compare results fairly.

Maintenance Auditing and Benchmarking Scorecard Capabilities

Participants turn a broad question, how good is our maintenance, into scored evidence and a ranked list of improvements.

- Design an audit scorecard covering strategy, work management, reliability, materials and people — audit scope approval
- Apply interview, document and data sampling techniques — evidence quality for each score
- Calculate core maintenance KPIs from CMMS data — credible benchmark comparisons
- Weigh internal scores against industry benchmarks — target setting with leadership
- Build a gap analysis that links findings to causes — improvement priorities
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Communicate audit results and a phased roadmap — sponsorship from operations and finance

Key Maintenance Auditing and Benchmarking Scorecard Terms

- Maintenance Audit — a structured, evidence-based assessment of how a maintenance function plans, executes and improves its work.
- Audit Scorecard — a weighted set of criteria and scoring rules used to rate each element of maintenance practice.
- Benchmarking — comparing a site's maintenance metrics and practices with peers or industry reference values.
- Schedule Compliance — the share of scheduled maintenance hours actually completed in the planned period.
- Maturity Level — a stage on a defined scale describing how systematic and sustained a practice has become.
- Gap Analysis — a comparison of current scores with target scores to identify and size improvement needs.

Maintenance Auditing and Benchmarking Scorecard Day by Day

Day 1: Why and How Maintenance Is Audited

- Audit Purpose and Scope Statement — Internal Review or Pre-Investment Check
- Audit Framework Elements — Strategy, Work Management, Reliability, Materials and People
- ISO 55001 Requirements as Audit Criteria — Asset Management Alignment
- Maturity Scale Design — Defining Levels for Each Practice
- Auditor Independence and Team Make-Up — Credibility of Findings

Day 2: Gathering Audit Evidence

- Interview Guides for Managers, Planners and Technicians — Consistent Questioning
- Document Sampling — Work Orders, Procedures and PM Records
- CMMS Data Extraction — Backlog, Overdue PMs and Reactive Ratios
- Site Observation Checklist — Stores, Workshops and Plant Condition
- Evidence Grading Rules — Scoring Only What Can Be Shown

Day 3: KPIs and Benchmarking

- SMRP Metric Definitions — Consistent Calculation of Maintenance KPIs
- Schedule Compliance and Planned Work Ratio — Work Management Health
- Maintenance Cost Ratios — Spend Against Replacement Asset Value
- Peer Comparison Methods — Normalising for Size, Age and Sector
- Benchmark Pitfalls — Misleading Comparisons and Data Gaps

Day 4: Scoring, Gaps and Root Causes

- Weighted Scorecard Calculation — Element and Overall Ratings
- Gap Analysis Matrix — Current Versus Target Maturity
- Root Cause Grouping of Findings — Systemic Versus Local Weaknesses
- Improvement Option Ranking — Effort, Benefit and Dependency
- Audit Report Structure — Findings, Evidence and Recommendations

Day 5: Practising the Maintenance Audit Scorecard and Roadmap

- Scorecard Set-Up for a Chosen Site — Applying the Framework and Scale
- Evidence and KPI Summary — Applying Sampling and Metric Rules
- Benchmark Position Statement — Applying Peer Comparison
- Phased Improvement Actions — Applying Gap and Ranking Methods
- Maintenance Audit Scorecard and Improvement Roadmap — Completed Pack for Leadership

Applying Maintenance Auditing and Benchmarking Scorecard After the Course

- Run a self-assessment of one maintenance area with the scorecard and agree the three weakest elements with the site team.
- Recalculate schedule compliance and planned work ratio using SMRP definitions and compare them with figures currently reported.

Maintenance Auditing and Benchmarking Scorecard Questions FAQ

What is maintenance auditing and benchmarking scorecard practice and why does it matter now?

Maintenance auditing and benchmarking scorecard practice rates a maintenance function against defined criteria and peer figures. It matters now because owners and finance teams want evidence that maintenance spend delivers reliability.

Which roles gain most from maintenance auditing and benchmarking scorecard training?

Maintenance managers, continuous improvement leads, reliability engineers, planning leads and internal auditors gain most. They run audits, supply evidence or act on the findings.

How does maintenance auditing and benchmarking scorecard training differ from a site inspection course?

Maintenance auditing and benchmarking scorecard training assesses the whole maintenance system: strategy, processes, KPIs and people. A site inspection course focuses on walking the plant and recording the physical condition of equipment.

What do you bring back from maintenance auditing and benchmarking scorecard training?

You bring back a scorecard set up for your own site, a KPI and benchmark summary, and a phased roadmap of improvement actions ready to present to leadership.

Maintenance Auditing and Benchmarking Scorecard: The Way Forward

The maintenance audit scorecard and improvement roadmap first informs which improvement actions receive budget and sponsorship this year. Maintenance managers and improvement leads use it to track progress and repeat the audit on a set cycle. After the first repeat audit, revisit the scorecard weights, because early results often show which elements drive reliability most at that site.