



MAGNUM CONSTRUCTION SERVICES INC.

BENCHMARKING REPORTS AND KPI DASHBOARDS

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1. PURPOSE

To establish a consistent, data-driven process for tracking, analyzing, and reporting key performance indicators (KPIs) across Magnum Construction Services Inc. operations. This procedure enables **benchmarking of projects, trades, and departments** against internal and industry standards to support **strategic decisions and continuous improvement**.

2. SCOPE

Applies to all business units, departments, and active projects within Magnum Construction Services Inc., including corporate functions (Safety, Quality, Schedule, Finance, Procurement).

Covers monthly and quarterly performance reporting, benchmarking, and dashboard updates.

3. REFERENCES

- MCS-CI-R01 Annual EHS & Quality Management Review Reports
 - MCS-CI-R03 Corrective and Preventive Action Log (CAPA)
 - MCS-CI-R02 Lessons Learned Register
 - MCS-OPS-R01 Project Execution Plan (PEP)
 - ISO 9001:2015 Clauses 9.1, 9.3 and 10.3 (Performance Evaluation & Improvement)
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4. RESPONSIBILITIES

Role	Responsibility
Executive Director	Approves benchmark thresholds and reviews KPI dashboards quarterly.
QA/QC Manager	Prepares quality and process performance data; analyzes NCR & CAPA trends.
EHS Manager	Prepares safety and environmental KPI data (TRIR, LTIR, incident rates).
Project Managers	Provide monthly project metrics (Progress, Cost Variance, Schedule Adherence).
Document Controller	Maintains KPI dashboard workbook, archives reports, and issues updates.

5. BENCHMARKING CATEGORIES

Domain	Example KPIs	Benchmark Source
Safety Performance	TRIR \leq 1.0, LTIR \leq 0.5, % Safety Training Completed \geq 95 %	OSHA BLS, ENR Contractor Safety Index
Quality Performance	% Non-Conformities Closed \leq 30 days, Rework Cost \leq 1 % of Revenue	ISO 9001 peer data
Schedule Performance	SPI \geq 0.95, Critical Path Adherence \geq 90 %	PMI & Construction Industry Institute (CII)
Cost Performance	CPI \geq 0.98, Change Orders $<$ 3 % of Contract Value	AACE & ENR Benchmarks



Domain	Example KPIs	Benchmark Source
Procurement & Logistics	Supplier On-Time Delivery ≥ 95 %, Approved Vendor Compliance ≥ 100 %	Internal AVL Data
Human Resources / Training	OSHA Training Completion %, Turnover Rate < 5 %	BLS Construction Labor Data
Environmental Performance	CO ₂ per m ³ Concrete, Waste Diversion ≥ 80 %, Spills = 0	EPA & LEED Guidelines

6. REPORTING FREQUENCY

- **Monthly Site Reports:** Project managers submit KPI data to Corporate QA/QC.
 - **Quarterly Corporate Dashboard:** Compiled by QA/QC and EHS Managers.
 - **Annual Benchmark Report:** Presented to Executive Management and included in the Management Review (MCS-CI-R01).
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