

QA/QC PLAN

1. INTRODUCTION

This QA/QC Plan outlines the quality management framework for **NIF Global TRADING AND CONTRACTING** to ensure compliance with industry standards, regulatory requirements, and client expectations. The plan aims to maintain high-quality standards, reduce defects, and ensure efficiency in construction projects.

2. OBJECTIVES

- Establish a systematic approach to quality assurance and control.
- Ensure compliance with applicable building codes, standards, and regulations.
- Minimize project risks related to quality issues and non-conformities.
- Promote a culture of continuous quality improvement.
- Deliver projects with superior quality, on time, and within budget.

3. SCOPE

This QA/QC Plan applies to all construction activities undertaken by NIF Global, including site preparation, structural works, finishing, and safety management.

4. RESPONSIBILITIES

- **QA/QC Manager:** Oversees the implementation of the QA/QC Plan and ensures compliance.
- **Project Manager:** Ensures project-specific quality requirements are met.
- **Site Engineers/Supervisors:** Enforce quality control measures and monitor work.
- **Inspection Team:** Conducts material testing, inspections, and reporting.
- **Subcontractors & Workers:** Adhere to quality procedures and report deviations.

5. QUALITY ASSURANCE (QA) PROCEDURES

- Implement and maintain a **Quality Management System (ISO 9001 Compliance)**.
- Conduct regular audits and reviews to ensure process improvements.
- Develop and document project-specific quality control plans.
- Conduct training programs to ensure quality awareness and skill enhancement.

6. QUALITY CONTROL (QC) PROCEDURES

- Conduct on-site inspections at different project stages.
- Verify materials, equipment, and workmanship against project specifications.
- Implement a **Non-Conformance Report (NCR) System** for deviations.
- Maintain logs of quality control checks, corrective actions, and approvals.

7. INSPECTION AND TESTING

- Develop and adhere to an **Inspection and Test Plan (ITP)**.
- Perform material sampling, concrete testing, soil compaction tests, and welding inspections.
- Engage third-party laboratories for independent verification where required.
- Ensure all testing documentation is recorded and approved.

8. DOCUMENT CONTROL

- Maintain a structured document management system.
- Ensure traceability and proper filing of all quality-related records.
- Store reports, test results, and inspection documents for audit purposes.

9. NON-CONFORMANCE MANAGEMENT

- Identify and document all quality-related non-conformities.
- Implement **Corrective and Preventive Actions (CAPA)**.
- Monitor the effectiveness of corrective measures to prevent recurrence.

10. CONTINUOUS IMPROVEMENT

- Conduct periodic reviews to enhance quality management practices.
- Foster a culture of learning and process improvement.
- Encourage feedback and best practice sharing for better project outcomes.

11. APPROVAL AND REVIEW

This QA/QC Plan will be reviewed periodically to ensure alignment with industry best practices and company objectives.

Manager

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