

Air Quality Management Plan (AQMP)

For Infrastructure Construction Projects

Project Name: _____

Location: _____

Date: _____

Prepared by: _____

1. Introduction

The purpose of this Air Quality Management Plan (AQMP) is to outline measures to minimize air quality impacts resulting from construction activities associated with the infrastructure project.

2. Objectives

- To identify potential air quality impacts from construction activities.
- To implement effective control measures to reduce emissions and dust generation.
- To comply with relevant air quality standards and regulations.

3. Regulatory Requirements

- Local and national air quality standards
- Environmental permits and approvals
- Project-specific conditions and commitments

4. Potential Air Quality Impacts

- Dust generation from excavation, material handling, and traffic
- Emissions from construction vehicles and equipment
- Odors from construction materials

5. Control Measures

Activity	Control Measure
Excavation, grading	Water spraying on exposed surfaces
Transport of materials	Covering truck loads, wheel wash stations
Equipment operations	Regular maintenance, use of low-emission machinery
Site access roads	Regular cleaning, speed control

6. Monitoring and Reporting

- Regular site inspections for dust and emissions
- Installation of particulate matter monitors, if required
- Record keeping of mitigation measures and monitoring results

7. Roles and Responsibilities

Role	Responsibility
Site Manager	Implementation and supervision of AQMP measures
Environmental Officer	Monitoring, reporting, and compliance checks

8. Review and Update

This AQMP will be reviewed and updated as necessary, in response to changes in construction activities or site conditions.

9. Appendices

- Site Maps
- Reference Documents
- Monitoring Data Sheets