Risk Assessment Method Statement

Risk Assessment Method Statement (RAMS) for New Office Building Construction

Project: New Office Building Construction

Location: 789 Development Road

Date: October 7, 2024

Prepared by: Alan Grant, Health and Safety Manager

1. Project Overview

- **Project Manager:** Richard Kim
- **Health and Safety Officer:** Emily Tran
- **Construction Manager:** Carlos Mendez

2. Description of Work

The project involves the construction of a 10-story office building, including site preparation, foundation work, structural framing, electrical installation, plumbing, and finishing work.

3. References

- Occupational Health and Safety Act
- Construction Design and Management Regulations
- Site Safety Manuals and Protocols

4. Hazard Identification and Risk Assessment

Task	Hazard	Risk Level	Control Measures

Site Preparation	Injury from machinery	High	Only trained personnel to operate machinery; PPE usage.
Excavation	Collapse of excavation site	High	Shoring and sloping of excavation sides; regular inspections.
Concrete Pouring	Skin irritation from concrete	Medium	Use of gloves and protective clothing; eye wash stations.
Working at Height	Falls	High	Installation of guardrails; use of harnesses.
Electrical Work	Electrical shock	High	Lockout-tagout systems; qualified electricians only.
Finishing Work	Dust inhalation	Medium	Dust control measures; use of respirators.

5. Method Statement

- **Site Preparation:** Clear site, establish access routes, and set up site office.
- **Foundation Work:** Excavate for foundations, install formwork, place rebar, and pour concrete.
- **Framing:** Construct structural frame using steel beams and columns.
- **Electrical and Plumbing:** Install systems as per engineering designs.
- **Finishing:** Plastering, painting, installation of fixtures, and final inspections.

6. Safety Precautions

- Regular safety briefings and training for all site workers.
- Mandatory use of PPE including helmets, gloves, boots, and high-visibility jackets.

- Clear signage and barriers around high-risk areas such as excavation sites and heights.

7. Personal Protective Equipment (PPE)

- Full-body harnesses for work at heights.
- Goggles, gloves, and protective clothing for concrete work.
- Ear protection for work involving high noise levels.

8. Emergency Procedures

- On-site first aid kits and trained first aid responders.
- Clear evacuation routes and assembly points.
- Emergency contact numbers posted throughout the site.

9. Monitoring and Review

- Daily safety inspections by the site safety officer.
- Weekly safety audits and review meetings with the project team.
- Updates to RAMS document as necessary following incident reviews or procedural changes.

10. Worker Acknowledgment

- All workers are required to read and acknowledge understanding of this RAMS by signing off before commencing work.