

MASTER SAFETY PLAN

Project: Alpha Tower (High-Rise)

Date: 2026-02-05

1. General Safety Rules

- All personnel must wear Safety Helmets (Hard Hats) at all times.
- High-visibility safety vests are mandatory in all zones.
- Safety shoes (Steel-toe) are required.

2. Working at Heights (> 2m)

- Full-body Safety Harness is required for work above 2 meters.
- Two-point lanyard connection must be used (100% tie-off).
- Guardrails must be installed at all open edges (Top: 120cm, Mid: 60cm).
- Safety Nets must be installed below active decks.

3. Weather Restrictions

- Lifting operations (Crane) must STOP if wind speed exceeds 8 m/s.
- All outdoor work stops if rainfall exceeds 10 mm/hr.
- Hot work is prohibited when humidity is below 15% (fire risk).

4. Fire Safety (Hot Work)

- Hot Work Permit is required for all welding/cutting.
- Fire Extinguisher (ABC Type) must be within 3 meters of work.
- Fire Watcher must be present during and 1 hour after work.
- Flammables/Combustibles must be cleared within 10m radius.

5. Emergency Contacts

- Safety Manager: 010-1234-5678
- Nearest Hospital: General City Hospital (5km)