



MAGNUM CONSTRUCTION SERVICES INC.

EMERGENCY RESPONSE & CRISIS MANAGEMENT PLAN

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1. PURPOSE

To establish a coordinated system for preventing, responding to, and recovering from emergencies that may endanger personnel, property, the public, or the environment. This plan aligns with **OSHA 29 CFR 1926.35**, **NFPA 1600**, and **ISO 45001 §8.2 Emergency Preparedness and Response**.

2. SCOPE

Applies to all Magnum Construction Services Inc. offices, fabrication yards, and project sites worldwide.

Covers fire, medical, chemical, structural, natural-disaster, and security emergencies.

3. OBJECTIVES

- Protect life, health, and the environment.
 - Limit damage to property and interruption to operations.
 - Establish clear communication, command, and control.
 - Comply with all client, local, and federal emergency regulations.
 - Ensure rapid recovery and business continuity.
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4. REFERENCES

- OSHA 29 CFR 1910.38 & 1926.35 – Emergency Action Plans
- NFPA 10, 30, 70, 72 – Fire Protection Standards
- EPA 40 CFR Part 112 – Spill Prevention
- ISO 45001 / 14001 – Clause 8.2 Emergency Preparedness



- Magnum Corporate Business Continuity Plan (MCS-CORP-07)

5. EMERGENCY ORGANIZATION & RESPONSIBILITIES

Role	Responsibilities
Executive Director / CEO	Approves and activates the Corporate Crisis Response Team (CRT); communicates with authorities and clients.
President / Managing Partner	Coordinates executive resources, public statements, and insurance notification.
Corporate EHS Director	Maintains and audits the plan; trains emergency teams; liaises with external agencies.
Project Manager	Leads on-site Emergency Response Team (ERT); ensures site-specific Emergency Action Plan (EAP) is current.
Site Superintendent	Directs evacuation, accountability, and rescue until emergency services arrive.
Site Safety Officer	Maintains emergency equipment, conducts drills, and records response times.
Foremen / Crew Leads	Brief crews on EAP locations and muster points; ensure attendance and roll-call accuracy.
Employees / Subcontractors	Follow evacuation procedures, assist injured personnel, and report hazards immediately.

6. EMERGENCY TYPES & RESPONSE ACTIONS

Type	Initial Actions	Control Measures
Fire / Explosion	Activate alarm, evacuate, notify 911.	Shut off fuel sources, use extinguisher (PASS), fire watch post-event.



Type	Initial Actions	Control Measures
Medical Emergency	Call 911, provide first aid/CPR if trained.	Escort EMS to site, incident reporting ≤ 1 hr.
Chemical / HazMat Spill	Stop source if safe, isolate area.	Deploy spill kits, notify Environmental Manager, complete EPA Form SPCC.
Structural Collapse	Evacuate exclusion zone, call rescue.	Secure perimeter, do not re-enter until engineer clearance.
Electrical Shock / Arc Flash	De-energize, call EMS.	LOTO verification, treat burns, investigate root cause.
Severe Weather / Hurricane	Suspend operations, secure materials.	Move to shelter, activate continuity plan.
Earthquake / Flood	Drop-Cover-Hold, evacuate to high ground.	Account for all personnel, inspect integrity.
Security / Active Threat	Call 911, initiate "Run-Hide-Fight."	Law-enforcement coordination, crisis communication.

7. EMERGENCY COMMUNICATION CHAIN

1. **Discoverer → Foreman / Safety Officer**
 2. **Safety Officer → Superintendent → Project Manager**
 3. **Project Manager → Corporate EHS Director**
 4. **Corporate EHS Director → Executive Director / Crisis Response Team**
- **Emergency Numbers:** 911 / Local Fire / EMS / Police
 - **Nearest Hospital:** [List address & route]
 - **Corporate EHS Hotline:** (954) 235-3229
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8. CRISIS RESPONSE TEAM (CRT)

The CRT manages severe incidents (fatality, major loss, or media exposure).
Composition: CEO, President, Corporate EHS Director, Legal Counsel,



Communications Manager, Project Manager.

Functions:

- Coordinate with public agencies.
 - Issue verified media releases.
 - Approve recovery expenditure.
 - Document all actions in the Crisis Log (MCS-QHSE-11A).
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9. EVACUATION & MUSTER PROCEDURE

- Alarm → Orderly evacuation via primary routes.
 - Assemble at designated muster point; conduct roll-call.
 - Do not re-enter until authorized by emergency services.
 - Secondary muster points identified for each site phase.
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10. EMERGENCY EQUIPMENT & LOCATIONS

- Fire extinguishers every 75 ft; inspected monthly.
 - First-aid kits / AED at site office and crew areas.
 - Spill kits adjacent to fuel and chemical storage.
 - Emergency lighting & exit signs maintained weekly.
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11. DRILLS & TRAINING

Type	Frequency	Participants	Verification
Evacuation Drill	Quarterly	All Personnel	Sign-in Sheets / EHS Report
Fire Response Drill	Semi-Annual	Site ERT	Supervisor Evaluation
Confined Space Rescue Drill	Annual	Confined Space Crew	Simulated Scenario



Type	Frequency	Participants	Verification
Spill Response Drill	Annual	Environmental Team	Drill Checklist
Active Threat / Security	Annual	All Office Staff	Corporate CRT Review

12. POST-INCIDENT INVESTIGATION

- Secure scene; photograph evidence.
- Conduct root-cause analysis within 24 hrs.
- Submit Incident Report (MCS-QHSE-03 ref.).
- Update risk register and training modules.

13. CONTINUOUS IMPROVEMENT

- Lessons learned integrated into SMS (MCS-QHSE-03).
- Annual management review under ISO 45001 clause 9.3.
- Performance measured by emergency-drill KPIs (response time ≤ 5 min, 100 % accountability).

14. RECORD RETENTION

All emergency drill logs, incident reports, and corrective actions shall be maintained for **five (5) years** in accordance with **MCS-ADM-04 Records Management Policy**.

15. APPROVAL SIGNATURES

Approved By	Title	Signature	Date
Michael Gaya	Executive Director / CEO	_____	_____
Anthony Magadino	President / Managing Partner	_____	_____
Corporate EHS Director		_____	_____



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