



Construction Site Hurricane Preparedness Plan

Tropical storm/hurricane disaster management plan

Name of storm: _____

Date: _____

Project name: _____

Disaster management plan–hurricane

A. The purpose of this plan is to provide an outline procedure that would limit the owner and contractor’s exposure in the event of a major weather event, such as the effects of a hurricane.

The plan would provide for the safety of the contractor’s personnel, and that of the public that may be affected by wind blown debris and possible of structure.

The plan would provide for the protection of the owners property and the contractors equipment and materials.

Note: This plan will be updated as necessary as more information is available.

The purpose of this procedure is to establish safe work practices preparing for and during severe weather conditions. All employees and subcontractors will be instructed to follow weather advisories as received. If weather advisories indicate a hurricane, the following conditions shall be acknowledged with the appropriate actions as defined in this procedure.



Hurricane categories

Category	Wind	Storm surge
I	74 to 95 mph	4 to 5 feet
II	96 to 110 mph	6 to 8 feet
III	111 to 130 mph	9 to 12 feet
IV	131 to 155 mph	12 to 18 feet
V	155+	18+ feet

Hurricane conditions

Condition	Description
IV	72 hours notice of possible hurricane moving towards jobsite.
III	48 hours notice of hurricane arrival.
II	24 hours notice of hurricane before hurricane makes landfall.
I	12 hours notice of arrival. Evacuation based on local authorities.

Storm preparation

The checklists below are to be utilized when a hurricane is eminent. This can be estimated by utilizing the National Weather Service reports to track the storm. The listed hurricane conditions above indicate preparations to begin at specific time intervals. Hurricane category information will be used in addition to conditions information to begin preparations for special conditions and equipment (e.g., cranes, etc.).

Hurricane conditions

Condition IV—72 hour notice

General readiness is imposed
Brief all personnel on hurricane preparedness procedures
Consider possible shut down of upcoming and present activities
Walk entire site with key supervisors and establish checklist and duties
Start clean up and tie down of materials not to be used in the next 48 hours
Photograph and/or videotape project progress as well as any materials and equipment
Ensure that emergency phone numbers have been distributed to all staff
Return any unnecessary rental equipment
Assemble the following items for use: flashlights, batteries lumber, nails, tape trash bags, tarps, heavy plastic, banding and banding machine, fuel in safety cans
Plan for next condition

Condition III—48 hour notice

Walk entire site to review and/or add to checklist
Intensify cleanup and tie down loose materials
Clear site of all trash and debris
Secure all stored materials
Consider scheduling dumpsters to be emptied
Anchor securely or bring indoors anything that might blow away in preparation for high winds
Scaffoldings must be inspected and all possible projectiles removed. All framing members, boards and planks must be secured or removed
Mobile trailers and storage trailers checked for adequate tie downs
Stop all incoming material deliveries
Roofing materials and all other debris should be cleared from roofs
All hanging ductwork must be secured and capable to withstand the force of high winds
Fill all vehicles with fuel prior to storm (it may take awhile before you can get fuel again)
Walk entire site to review and/or add to checklist, review manpower for tomorrow
Plan for next condition

Condition II—24 hour notice

Photograph and/or videotape steps taken to secure site

Walk entire site and review for items that may become air-born

Last chance to secure all stored materials

Last chance to prepare for high winds by anchoring, securing, or bringing anything that might blow away indoors

Last chance: scaffolding must be inspected and all possible projectiles removed

The following must be ensured for scaffolding: all framing members are secured and all boards and planks are secured or removed

Signage must be removed or secured

Fencing must be secured, or remove fence if poles are not set in the ground. Remove mesh

Ensure that a large capacity pump is on site for after storm water removal

Stop all incoming material deliveries

Schedule all dumpsters to be emptied or at a minimum fill with dirt

Last chance to clean materials from all roofs

Remove all unnecessary compressed gas cylinders from buildings, remove gauges, place caps on cylinders and secure per OSHA

Walk entire site for review of items still needing securing, schedule a workforce for completion of remaining task that afternoon

Schedule only limited key employees as to whom to bring on site to assist in condition 1 readiness

Plan for next condition

Condition I—12 hour notice

Walk site with _____ (owner rep., etc.) personnel for “last look and review”

Shut off all gas and water mains

Shut off electrical power

Make sure all fire hydrants are clear and accessible

If possible, move computers and office equipment and records which if damaged are irreplaceable

Verify that all vehicles on site are not in way of emergency access and right ways

Have a backhoe on site for after storm use if needed

Have all cranes boomed down and secured

Red tag all scaffolding and consider unsafe until it has been re-inspected after the storm

Verify all pictures have been taken

Leave site, within your possession, the list of priority phone numbers of key contacts and personnel

Plan the post hurricane (recovery plan) procedure with all key supervisors



Recovery plan

Once the storm has subsided and access to the site is allowed. Management will contact key personnel to discuss opening of the job site to others. Key personnel once on site will review the following:

Recovery plan

Look for safety hazards

Immediate damage assessment should be completed and action plans developed to address priorities. Management and owner's rep. (insurance company) to conduction survey of damage and document possible claims. (Clean up, repair and replace damage, etc.)

Management shall issue near term schedule of events to re-mobilize the project.

Management to provide the owner with schedule impact for review

Photo or video any building, materials, or equipment damage

Assess the building for structural damage

Check all building perimeters before allowing personnel to enter

Complete temp repairs and minimize hazards to ensure that personnel can access

Assess and prioritize building contents that have been damaged and can be salvaged

Do not energize electrical services until verified safe by electrical subcontractor

Do not access any scaffolding until green tagged by competent inspector

This outline procedure was developed to provide reasonable and customary measure to safeguard against loss of life or property in the event of a major weather event. It is not implied that no loss would occur.



LOCKTON[®]

UNCOMMONLY INDEPENDENT