

AIA DISASTER ASSISTANCE PROGRAM – DAMAGE ASSESSMENT REPORT

Owners Name: _____ Date: ____/____/____ Phone: (____) ____-____ eMail: _____
(Please Print) (Please Print)

Address: _____ Age of Building: ____ Survey Team: _____
(Please Print)

❖ **Instructions: Please fill in the (O) completely (●). Please Do Not Use a x or a ✓.**

1. Overall, what is the extent of the damage?

- Inspected (Green Placard)
- Restricted (Yellow Placard)
- Unsafe (Red Placard)

2. What is the owner estimated pre-disaster value?

- \$100,000 - \$199,999
- \$200,000 - \$299,999
- \$300,000 - \$399,999
- \$400,000 +

3. What is the primary use of the structure?

- Single-Family Multi-Family
- Commercial Other: _____

4. Please select as many answers as needed to best describe the structure:

- Wood-Frame Brick Veneer Wood Wood Shingle Roof
- Concrete-Block Stucco Wood Joists Asphalt Shingle Roof
- Masonry Siding Steel Joists Built-Up Roof
- Other: _____

5. Please select the answer that best explain the type of wind and/or water damage:

	None/Minor	Moderate	Severe	Needs Detailed Evaluation
Wind Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Depth of Water in Structure:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	6" – 11"	1' – 2' 11"	3' – 4' 11"	5' +

6. Please select the answer that best explain the damage to the exterior of the structure:

	None/Minor	Moderate	Severe	Needs Detailed Evaluation
Structural	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Exterior Walls	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roof	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Garage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. Please select the answer that best explain the damage to the interior of the structure:

	None/Minor	Moderate	Severe	Needs Detailed Evaluation
Floor Level _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Floor Level _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Partition Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Door Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Storm Doors Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Window Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Storm Windows Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ceiling Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Electrical Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Plumbing Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mechanical Damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Architect's Remarks: _____



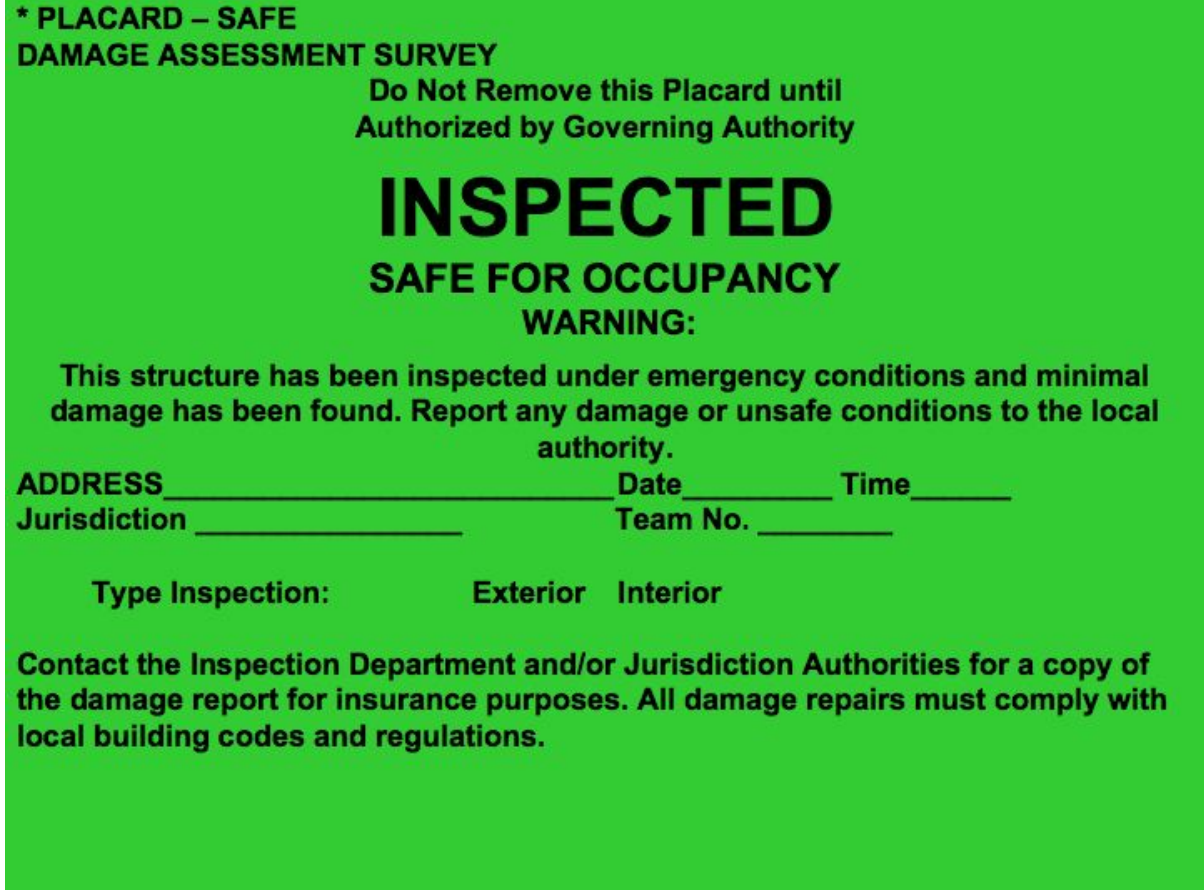
ASSESSMENTS TEAMS IN ACTION



Teams determine safety of each structure and apply appropriate placard:
GREEN, YELLOW or RED

Presently FEMA does not have a standard system adopted. But rather it has a set of recommendations and requirements. Currently these requirements look at a placard system recognized by the state, which matches at least the three levels marked by the **green, yellow, and red** placards. It is then at the discretion of the state to implement such a system with local modifications as they see fit. Language reflecting this notion is common in many states.

Team members will meet several affected individuals and families. Providing information sheets and phone banks to give and receive information will help the survivors and allow the teams to move more quickly through the damaged area. If this information is not available let them know to listen to their radios or watch television and the local officials will advise them where to get help and what to watch out for.



INSPECTED: (Green Placard) Buildings can be damaged, yet remain safe. If the safety of a building was not significantly changed by the disaster, it should be posted with a green placard reading INSPECTED.

Examples of damage considered Safe:

- Temporary utility and/or access interruption.
 - Debris and/or flood water in yard.
 - Cosmetic damages to interior and/or exterior of structure.
 - Structures with less than \$100 damage.
 - Home can safely be lived in without repairs. No housing requirement.
 - Water did not get in the hotwater tank or furnace.
- Water intrusion in non-essential living space only.



RESTRICTED USE: (Yellow Placard) When there is some risk from damage in all or part of the building that does not preclude individuals from entering the structure, a yellow tag should be used. The placard should indicate the specific restriction (i.e., entry, duration of occupancy, use, etc.). When the extent of damage is uncertain or cannot be ascertained within the time and resources available to a Rapid Evaluation team, the building should be posted with a yellow placard reading RESTRICTED USE indicating additional inspection requirements, and any restrictions on use or occupancy should be clearly noted on the placard.

Examples of damage considered Restricted Use:

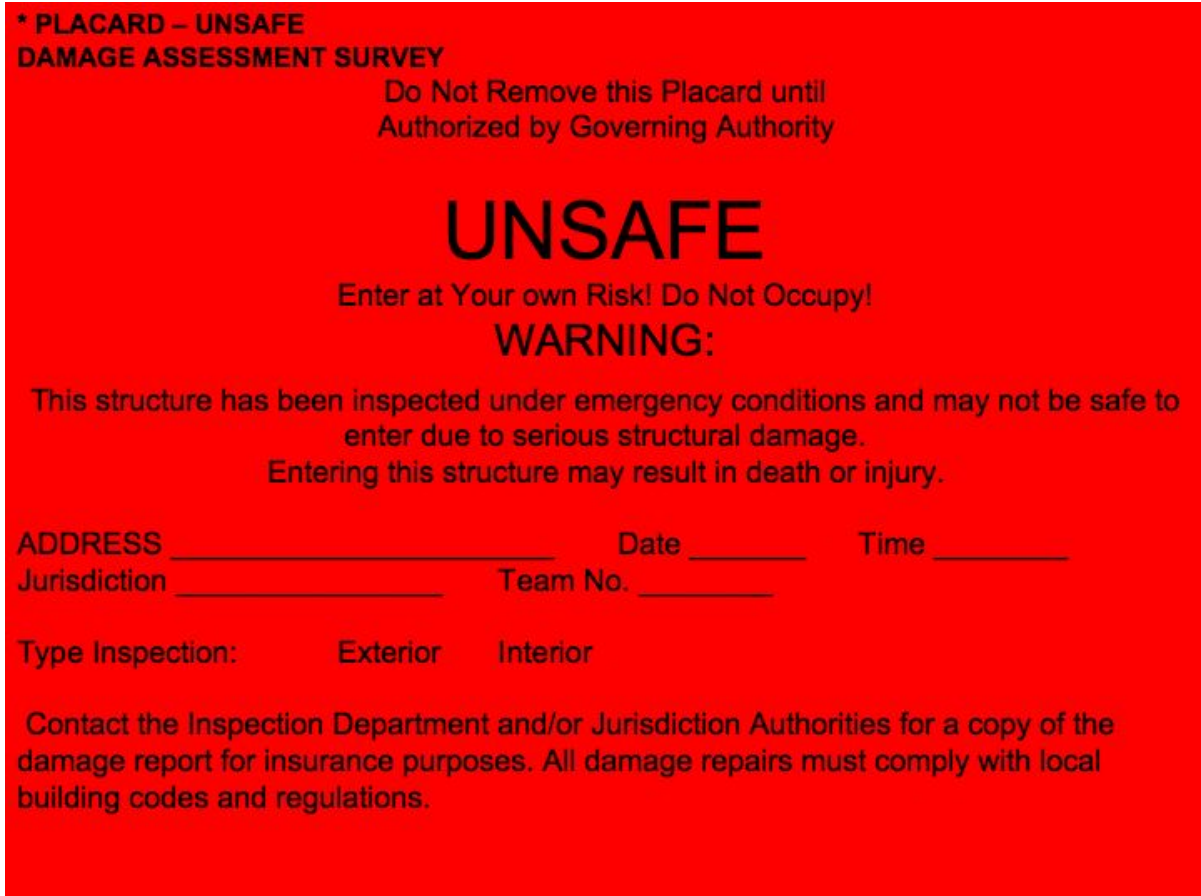
- Damage that requires more than 30 days to repair.
- Damage to structural components (foundation failures, load carrying wall failures, damage to framing components of roof)
- Loss of access to building that cannot be re-established.
- Rental assistance required by renter or owner.

- Water standing for more than 24 hour or more will cause sheetrock to wick and cause more damage.

What was minor damage will now become major damage.

- Concern for mold.
- Between 24-48 hours floor tile and linoleum will begin to buckle.
- Between 48-72 hours sub-flooring will begin to buckle.
- Prolonged utility and/or access interruption requiring alternate housing for resident.
- Debris and/or flood water in yard that poses a health and/or safety issue for resident.
- Damage that affects the safety, sanitation, and/or security of the residence.
- Clean and sanitize.
- Clean and test furnace.
- Damage to appliances (washer/dryer/freezer).
- Insulation, duct work, belly-board damage on a mobile home.
- Structures with more than a trace of water in finished basements (four inches of water in unfinished basements).

Structures with wind/hail damage to roof and exterior that require replacement of shingles, roof sheathing, windows, doors, or siding.



UNSAFE: (Red Placard) Buildings damaged by a disaster that pose an imminent threat to life or safety under expected loads or other unsafe conditions should be posted with a red placard reading UNSAFE. These are not demolition orders.

The actual posting of a structure is accomplished by mounting the appropriate placard in a clearly visible place near all usual points of entry to the building or when unsafe or inaccessible, in another convenient location outside the structure.

- Structure is not economically feasible to repair.
- Complete foundation and/or structural failure.
- Imminent danger situations (slide/collapse hazard).
- Rental assistance will be required.
- Individual will be out of their home for more than 30 days.



Crawford County, KS tornado 2004
Red tag placed wherever it will most likely be seen

Damage Assessment Tool

Assessing damage consistently is a must. When several levels of damage are observed at the same site, record the highest level of damage and the highest percentage of damage.

Inspected (Green)

- 10%
 - Broken windows
 - Business signs damaged
 - Damage to landscape
 - Vehicle damage
 - Seepage
 - Water in basement

Restricted (Yellow)

- 20%
 - Chimney damage
 - Porch or deck damaged
 - Parking lot damages
 - 1" to 2" of water on 1st floor or slab (no basement)

- 30%
 - Smoke damage

	<p>Fire escape not usable</p> <p>Shingles or roofing missing</p> <p>Fleet/vehicle damage</p> <p>Several feet of water in basement</p> <p>Less than 6" of water on 1st floor of home or apt</p> <p>Sewer backup</p>
40%	<p>Interior floors and walls damaged</p> <p>Minor damage to exterior walls</p> <p>Business inventory destroyed</p> <p>Trees fallen on structure</p> <p>Less than 12" of water on 1st floor of SF home or apartment</p>
50%	<p>1 room destroyed</p> <p>Exits blocked</p>
60%	<p>Foundation damaged</p> <p>Insulation damaged</p> <p>Exterior wall damaged</p> <p>Equipment damaged</p> <p>18" to 2' of water on 1st floor of SF home or apt</p>
70%	<p>Exterior frame damaged</p> <p>Roof gone or collapsed</p> <p>Outbuildings damaged</p> <p>2' to 4' of water on 1st floor in SF home or apartment</p> <p>Water above/just below bottom of mobile home</p>
Unsafe (Red)	
80%	<p>Structure moved off foundation</p> <p>Walls collapsed</p>
90%	<p>Structure leveled above foundation</p> <p>2nd floor gone</p>
100%	<p>Structure cannot be repaired</p> <p>Structure leveled</p> <p>4' or more of water on 1st floor in SF home or apartment</p> <p>6" or more of water in a mobile home</p>