

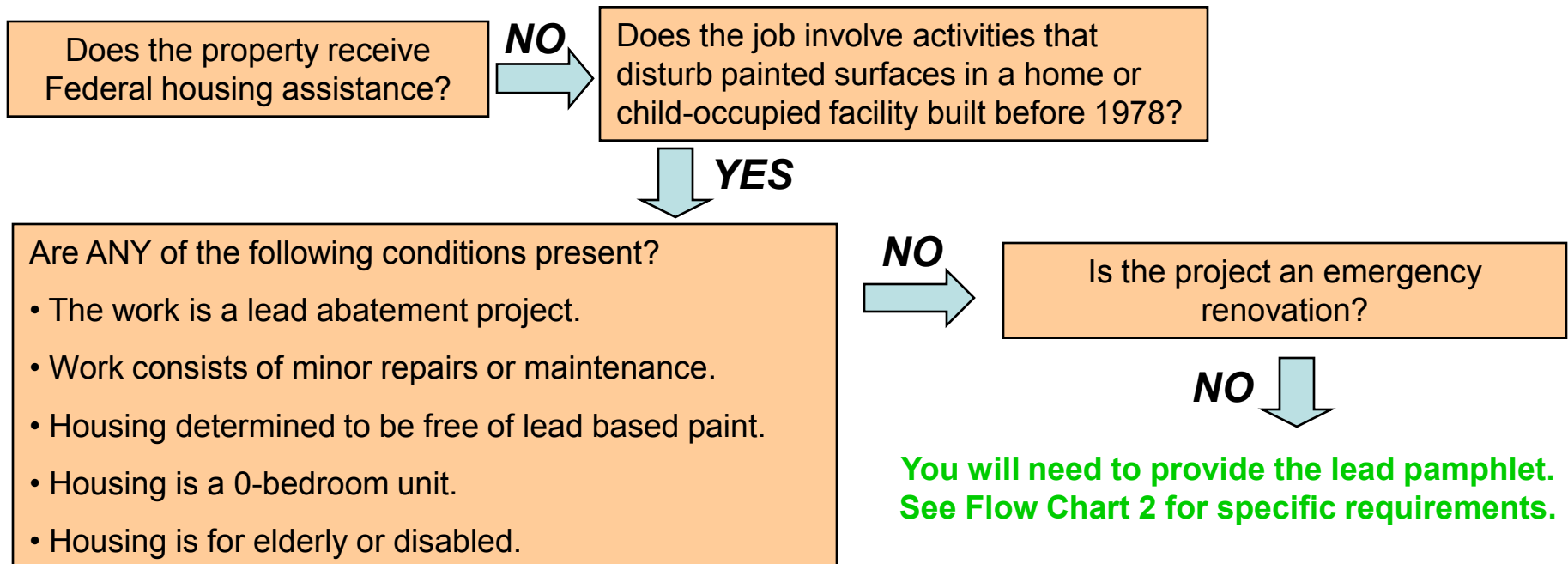
Review the following examples to work through the decision logic in the flow charts. Read each example and use the Next buttons to lead you through the decision logic in the flow charts.

## Example 2.

### *4 Autumn Maple St, Alltown, USA:*

This 1976 ranch style home is having all of the windows replaced. The house is occupied by the owners and they really want to find some way to avoid using lead-safe work practices. Lead-based paint is present on the windows. The 70-year-old owner has no children, but does provide after school childcare for his grandkids in the home until their parents get home from work (Approximately 2.5 hours per day).

### Flow Chart 1: Do the Requirements Apply to the Renovation?

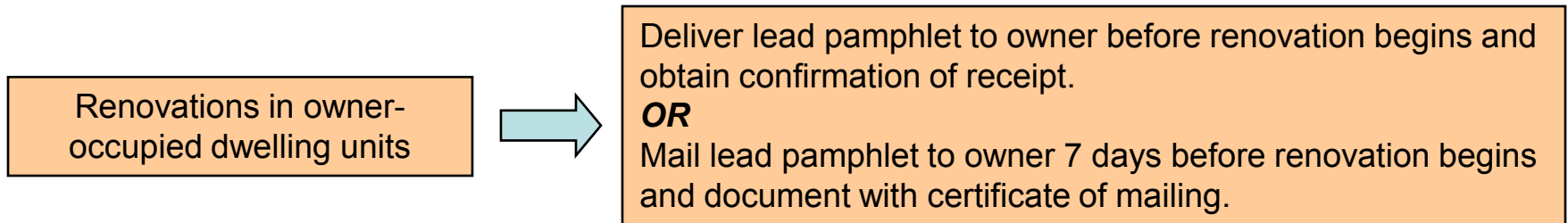


## Example 2 (continued)

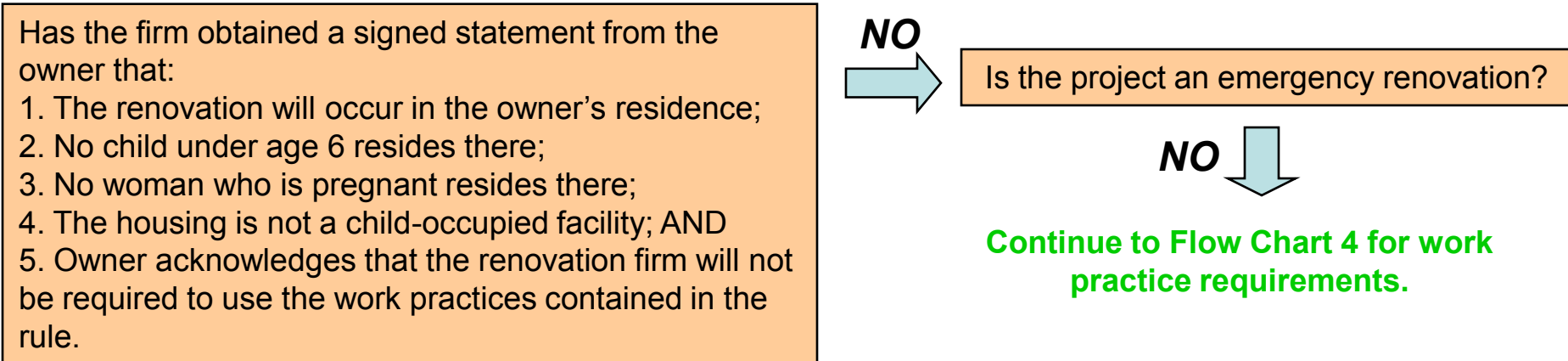
4 Autumn Maple St, Alltown, USA

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### Flow Chart 2: How Do I Comply with the Pre-Renovation Education Requirements?



### Flow Chart 3: Do the Renovation Training and Work Practices Apply?



## Example 2 (continued)

*4 Autumn Maple St, Alltown, USA*

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### Flow Chart 4: Work Practice Requirements

#### General

- (A) Renovations must be performed by certified firms using certified renovators.
- (B) Firms must post signs clearly defining the work area and warning occupants and other persons not involved in renovation activities to remain outside of the work area. These signs should be in the language of the occupants.
- (C) Prior to the renovation, the firm must contain the work area so that no dust or debris leaves the work area while the renovation is being performed.
- (D) Work practices listed below are prohibited during a renovation:
  - 1. Open-flame burning or torching of lead-based paint;
  - 2. Use of machines that remove lead-based paint through high speed operation such as sanding, grinding, power planing, needle gun, abrasive blasting, or sandblasting, unless such machines are used with HEPA exhaust control; and
  - 3. Operating a heat gun on lead-based paint at temperatures of 1100 degrees Fahrenheit or higher.
- (E) Waste from renovations:
  - 1. Waste from renovation activities must be contained to prevent releases of dust and debris before the waste is removed from the work area for storage or disposal.
  - 2. At the conclusion of each work day and at the conclusion of the renovation, waste that has been collected from renovation activities must be stored to prevent access to and the release of dust and debris.
  - 3. Waste transported from renovation activities must be contained to prevent release of dust and debris.



**Interior Renovation Projects. See Flow Chart 5.**

## Example 2 (continued)

*4 Autumn Maple St, Alltown, USA*

### Flow Chart 5: Work Practice Requirements Specific to Interior Renovations

The firm must:

- (A) Remove all objects from the work area or cover them with plastic sheeting with all seams and edges sealed.
- (B) Close and cover all ducts opening in the work area with taped-down plastic sheeting.
- (C) Close windows and doors in the work area. Doors must be covered with plastic sheeting.
- (D) Cover the floor surface with taped-down plastic sheeting in the work area a minimum of six feet beyond the perimeter of surfaces undergoing renovation or a sufficient distance to contain the dust, whichever is greater.
- (E) Use precautions to ensure that all personnel, tools, and other items, including the exteriors of containers of waste, are free of dust and debris when leaving the work area.
- (F) After the renovation has been completed, the firm must clean the work area until no dust, debris or residue remains. The firm must:
  - 1. Collect all paint chips and debris, and seal it in a heavy-duty bag.
  - 2. Remove and dispose of protective sheeting as waste.
  - 3. Clean all objects and surfaces in the work area and within two feet of the work area in the following manner:
    - a. Clean walls starting at the ceiling and working down to the floor by either vacuuming with a HEPA vacuum or wiping with a damp cloth.
    - b. Thoroughly vacuum all remaining surfaces and objects in the work area, including furniture and fixtures, with a HEPA vacuum.
    - c. Wipe all remaining surfaces and objects in the work area, except for carpeted or upholstered surfaces, with a damp cloth. Mop uncarpeted floors thoroughly using a mopping method that keeps the wash water separate from the rinse water, or using a wet mopping system.

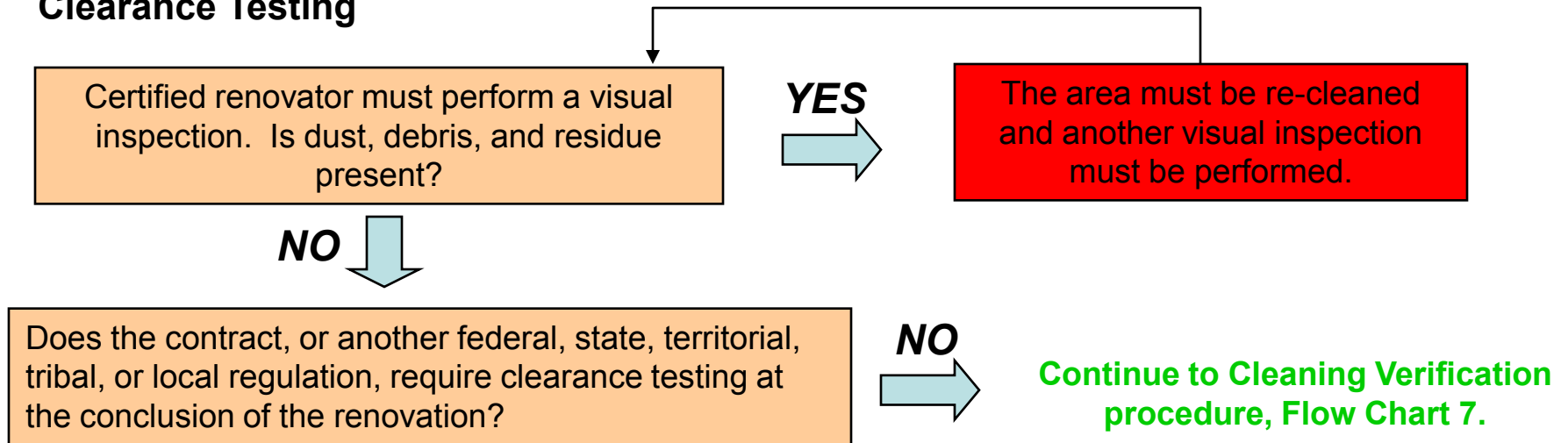


**Cleaning verification is required to ensure the work area is adequately cleaned and ready for occupancy. See Flow Chart 6.**

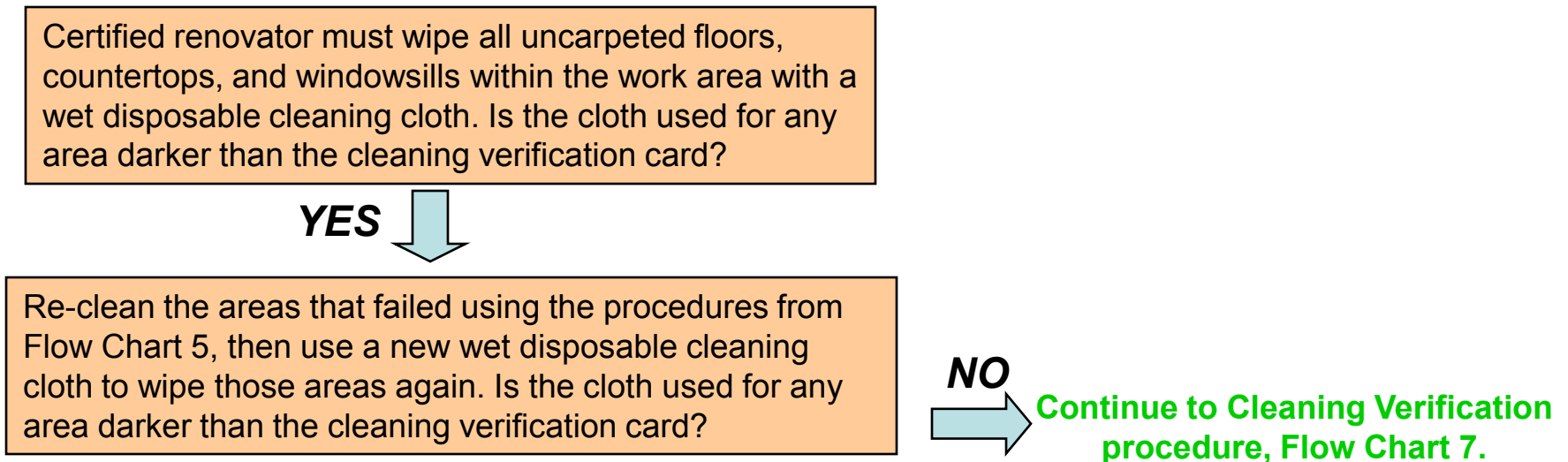
## Example 2 (continued)

4 Autumn Maple St, Alltown, USA

### Flow Chart 6: Interior Cleaning Verification: Visual Inspection and Optional Clearance Testing



### Flow Chart 7: Interior Cleaning Verification: Floors, countertops, and Window Sills



## Example 2 (continued)

4 Autumn Maple St, Alltown, USA

### Flow Chart 7: Interior Cleaning Verification: Floors, countertops, and Window Sills

Certified renovator must wipe all uncarpeted floors, countertops, and windowsills within the work area with a wet disposable cleaning cloth. Is the cloth used for any area darker than the cleaning verification card?

**YES**



Re-clean the areas that failed using the procedures from Flow Chart 5, then use a new wet disposable cleaning cloth to wipe those areas again. Is the cloth used for any area darker than the cleaning verification card?

**YES**



Wait until either the area has dried completely or 1 hour has passed, whichever is longer. Once dry, wipe that area with a electrostatically charged, white, disposable cloth designed to be used for cleaning hard surfaces.

**NO**



**NO**



**NO**



The work area has been adequately cleaned and warning signs may be removed.



**You're Finished**