

- c. The type and frequency of testing.
- d. The type and frequency of special inspections.
- e. The frequency and distribution of testing and special inspection reports.
- f. The structural observations to be performed.
- g. The frequency and distribution of structural observation reports.

11A.1.2.2 Contractor Responsibility

Each contractor responsible for the construction of a seismic force-resisting system, designated seismic system, or component listed in the quality assurance plan shall submit a written contractor's statement of responsibility to the regulatory authority having jurisdiction and to the owner prior to the commencement of work on the system or component. The contractor's statement of responsibility shall contain the following:

1. Acknowledgment of awareness of the special requirements contained in the quality assurance plan.
2. Acknowledgment that control will be exercised to obtain conformance with the design documents approved by the authority having jurisdiction.
3. Procedures for exercising control within the contractor's organization, the method and frequency of reporting, and the distribution of the reports.
4. Identification and qualifications of the person(s) exercising such control and their position(s) in the organization.

11A.1.3 Special Inspection and Testing

The building owner shall employ a special inspector(s) to observe the construction of all designated seismic systems in accordance with the quality assurance plan for the following construction work. The authority having jurisdiction shall have the option to approve the quality assurance personnel of a fabricator as a special inspector. The person in charge of the special inspector(s) and the testing services shall be a registered design professional.

11A.1.3.1 Foundations

Periodic special inspection is required during the

- a. Driving of piles.
- b. Construction of drilled piles, piers, and caissons.
- c. Placement of reinforcing steel in piers, piles, caissons, and shallow foundations.
- d. Placement of concrete in piers, piles, caissons, and shallow foundations.

11A.1.3.2 Reinforcing Steel

11A.1.3.2.1 Periodic Special Inspection Periodic special inspection during and upon completion of the placement of reinforcing steel in intermediate and special moment frames of concrete and concrete shear walls.

11A.1.3.2.2 Continuous Special Inspection Continuous special inspection is required during the welding of reinforcing steel resisting flexural and axial forces in intermediate and special moment frames of concrete, in boundary members of concrete shear walls, and welding of shear reinforcement.

11A.1.3.3 Structural Concrete

Periodic special inspection is required during and on completion of the placement of concrete in intermediate and special moment frames and in boundary members of concrete shear walls.

11A.1.3.4 Prestressed Concrete

Periodic special inspection during the placement and after the completion of placement of prestressing steel and continuous special inspection is required during all stressing and grouting operations and during the placement of concrete.

11A.1.3.5 Structural Masonry

11A.1.3.5.1 Periodic Special Inspection Periodic special inspection is required during the preparation of mortar, the laying of masonry units, and placement of reinforcement, and prior to placement of grout.

11A.1.3.5.2 Continuous Special Inspection Continuous special inspection is required during welding of reinforcement, grouting, consolidation, and reconsolidation, and placement of bent-bar anchors as required by Section 14.4.

11A.1.3.6 Structural Steel

Special inspection for structural steel shall be in accordance with the quality assurance plan requirements of AISC 341.

11A.1.3.7 Structural Wood

11A.1.3.7.1 Continuous Special Inspection Continuous special inspection is required during all field gluing operations of elements of the seismic force-resisting system.