

engineering, mechanical engineering and certification as air balancers.

1704.15 Certifications by architect, engineer or geologist. If a structure or portion of a structure has been designed to utilize higher stresses requiring continuous inspection, the architect or engineer in responsible charge of the design shall certify by signature to the Department that to the best of his or her knowledge the structure or portion utilizing higher stresses was constructed in conformity with the approved design. If the grading or foundation earthwork has required continuous inspection, the responsible engineering geologist or soils engineer shall certify by signature to the Department that to the best of his or her knowledge the field work was completed in conformity with the technical design data.

1704.16 Department's responsibility. The employment of a Registered Deputy Inspector for any work does not deprive the Department of the right to make periodic or called inspections of all or portions of the work. On any work requiring continuous inspection by a Registered Deputy Inspector, the called inspections required by Section 108 of this Code may be delegated to the Registered Deputy Inspector by the Superintendent of Building.

1704.17 Structural, termite and fungus damage. Every building raised from its foundation shall be inspected. If there is any superficial evidence of structural damage, termites or fungus growth, the permittee shall remove and renew the damaged or infested members before reseating the building or moving it from its existing site or into the City.

1704.18 Emergencies or catastrophes. In the event of an emergency or of a major catastrophe in the City, the Department may deputize Emergency Building Inspectors for the Department. The inspectors shall receive no compensation from the City, and they shall be appointed for the periods of time the Department deems advisable.

1704.19 Controlled activities. In addition to the construction or work inspected as described in Sections 108 and 1704 through 1718 of this Code, there are other construction activities that are sufficiently important to the structural stability of the structure, the occupants of and the fire and life safety of the structure. An inspection by a specially qualified inspector of these activities is necessary in order to ensure compliance with the requirements of this Code. These controlled activities may occur during off-site fabrication or during on-site construction.

Inspections by Controlled Activity Inspectors will be required in accordance with regulations promulgated by the Superintendent of Building where:

1. The structure is more than five stories or 60 feet (18 288 mm) in height.
2. The structure exceeds 50,000 square feet (4645 m²) of ground area or 200,000 square feet (18 580 m²) of total floor area.
3. Nondestructive structural testing methods are utilized.
4. The quality identification markings of the materials used are not inspectable after installation.
5. The manner of use of materials precludes full inspection after installation.

Exception: The Department may waive continuous or periodic inspection required by this section where minor quantities are involved and no unusual hazards exist.

In addition to the projects included in the above categories, the Superintendent of Building may require controlled activity inspections, if the Superintendent of Buildings determines that these inspections are needed to ensure compliance with the provisions of this Code and the work involves:

1. Unique, novel or innovative construction;
2. Highly complex or intricate construction;
3. Unique, novel or innovative grading, earth support or foundation procedures; or
4. New methods of construction not yet provided for in the rules and regulations.

Controlled Activity inspection authority will be issued only as a supplement to a valid Deputy Inspector registration. The Superintendent of Building shall adopt rules and regulations implementing the provisions of this section. These regulations may establish and set the requirements for different types of Controlled Activity Inspectors.

1704.19.1 Controlled activity inspection authority.

1704.19.2 Registration. The procedures and conditions of registration as a Controlled Activity Inspector shall be the same as applicable to a Registered Deputy Inspector under Section 1704.1.3, except that the extent and duration of controlled inspection authority shall be as specified in the rules and regulations adopted by the Superintendent of Building.

1704.19.3 Duties. Except as otherwise indicated by regulations promulgated by the Superintendent of Building, the duties and responsibilities for a Controlled Activity Inspector shall be the same as specified for a Registered Deputy Inspector under Section 1704.1.4.

1704.19.4 Fees. The procedures for the examination, registration and renewal of authority as a Controlled Activity Inspector shall be the same as specified for Registered Deputy Inspectors under Section 1704.1.3. However, the fees for registration are modified as follows:

Initial authority registration:

Examination, including one class	\$25.00
Additional classes, per class	\$6.00
Registration	\$13.00

Adding classes to existing authority:

Examination and registration, per class	\$13.00
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Renewal:

Examination and registration, per class	\$6.00
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1704.19.5 Renewal process. Section 1704.1.3 applies to the application, examination and renewal process for registration as a Controlled Activity Inspector.

1704.20 Certification of welders.

1704.20.1 The Department shall establish procedures, rules and regulations for the issuance of Welder's Certifications.