



### Promulgation Details for 1 RCNY 104-09

This rule became effective on October, 22, 2008.

Since such date, one or more amendments have been made to this rule. Each rule amendment has its own effective date and Statement of Basis and Purpose.

Below you will find one or more rule amendments (the most recent appearing at the top), followed by the original rule.

The effective date of each amendment and the original rule can be found at the top of each "NOTICE OF ADOPTION OF RULE."

This rule has an effective date of 9-20-25

**NEW YORK CITY DEPARTMENT OF BUILDINGS**

**NOTICE OF ADOPTION OF RULE**

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to Sections 104-09, 104-20 and 104-23 of Subchapter D of Chapter 100 and Section 3319-01 of Chapter 3300 of Title 1 of the Official Compilation of the Rules of the City of New York regarding permitting requirements for rotating telehandlers and articulating boom cranes.. This rule was first published on April 24, 2025, and a public hearing thereon was held on May 28, 2025.

Dated: 8/14/25

New York, New York

  
James S. Oddo  
Commissioner

### **Statement of Basis and Purpose of Rule**

The 2022 New York City Construction Codes, enacted by Local Law 126 for the year 2021, revised the definition of a crane in Chapter 2 of the New York City Building Code (“Building Code”) to include rotating telehandlers, and revised the exceptions in Section 3319.3 of the Building Code to remove the permitting and licensing exemption for articulating boom cranes. Together, these changes made the licensing and permitting requirements for cranes applicable to telehandlers and articulating boom cranes. The New York City Department of Buildings (the “department”) adopted a rule in July 2024 to expand its licensing requirements to the operators of rotating telehandlers and articulating boom cranes. The rule adds permitting requirements for rotating telehandlers and articulating boom cranes.

It further addresses certain current operational practices concerning crane or derrick permit applications and associated inspections and proposes additions and clarifications to these practices.

This rule also amends definitions and cross references to reflect corresponding changes made in the 2022 New York City Construction Codes.

Lastly, this rule rectifies omissions and clarifies certain language in the July 2024 licensing rule, as well as amends the rule to recognize an additional certification program for the operators of mini cranes.

Specifically:

- Sections 1, 2, 5, 15, and 17 amend sections 104-09 and 104-23 of Subchapter D of Chapter 100 and section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York (“RCNY”) to rectify omissions and clarify vague language in the July 2024 licensing rule for rotating telehandlers and articulating boom cranes, as well as amend the rule to recognize an additional certification program for the operators of mini cranes.
  - Section 1 clarifies that for the purposes of crediting experience obtained in New York City on or before November 6, 2024, the experience must have been acquired on the type of equipment for which the license is sought – that is, on an articulating boom crane if applying for an articulating boom crane limited hoisting machine operator license, and on a rotating telehandler if applying for a rotating telehandler limited hoisting machine operator license.
  - Section 2 recognizes the telescopic boom certification offered by the National Center for Construction Education and Research (“NCCER”) as being an acceptable certification for the operators of mini cranes.
  - Section 5 clarifies that an individual learning to become a hoisting machine operator does not need to be employed by the licensed operator supervising the learner, nor do the learner and supervisor need to be employed by the same entity.
  - Section 15 adds a reference to tree trimming equipment, which was inadvertently omitted from the rule text.

- Section 17 clarifies that the language related to attachments is inclusive to all the proceeding terms. It also clarifies that exemptions applicable to cranes are also applicable to fixed (non-rotating) telehandlers.
- Sections 3, 11, 12, and 13 amend section 104-20 of Subchapter D of Chapter 100 and section 3319-01 of Chapter 3300 of Title 1 of the RCNY to reflect current practices and propose additions and clarifications to these practices.
  - Sections 3 and 13 add the current operational practice of requiring a letter from a licensed rigger to be kept on site and submitted with certain permit applications.
  - Section 11 adds the current operational practice of collecting the name of the licensed operator for jobs that require a certificate of on-site inspection.
  - Section 12 sets out the type of information currently collected as part of an application to issue or amend a certificate of operation and proposes a new requirement for the owner of a crane or derrick to certify compliance with manufacturer bulletins and recall notices. This section also spells out the inspections currently required to be performed related to a certificate of operation and proposes to authorize such inspections for a rotating telehandler or articulating boom crane, as well as certain small mobile cranes, to be conducted by a crane inspection agency approved by the department. This section of the rule further proposes to tie the expiration of the certificate of operation of a tower crane, other than a self-erecting tower crane, and for a derrick, to certain thresholds indicating that the work of the tower crane or derrick at the jobsite is completed.
- Sections 4, 6 and 7 amend section 104-23 of Subchapter D of Chapter 100 and section 3319-01 of Chapter 3300 of Title 1 of the RCNY to ensure updated definitions and cross references to reflect corresponding changes made in the 2022 New York City Construction Codes.
- Sections 8, 9, 10, 14 amend section 3319-01 of Chapter 3300 of Title 1 of the RCNY by adding permitting requirements for rotating telehandlers and articulating boom cranes.
  - Section 8 exempts rotating telehandlers and articulating boom cranes from the requirement to obtain a certificate of operation until January 1, 2028. The certificate of operation represents an annual registration and inspection of the machinery, akin to an annual car registration and inspection. The exemption until January 1, 2028 will allow time for the department to develop qualification criteria for crane inspection agencies authorized by Section 12 of this rule, and for qualified entities in the industry to obtain necessary credentials and apply to the department to become a crane inspection agency.
  - Section 8 exempts rotating telehandlers and articulating boom cranes from the requirement to obtain a certificate of approval until January 1, 2028, and exempts rotating telehandlers and articulating boom cranes that obtained a certificate of operation prior to January 1, 2028 from the requirement to obtain a certificate of approval. The certificate of approval represents the department's acceptance of the manufacturing of the make and model of equipment. It is not practical to retroactively apply the requirements of a certificate of approval to equipment already built and in use.
  - Section 9 deletes references to permit types which have been operationally phased out and adds cross references to relevant permit requirements added by this rule.

- Section 10 clarifies that the noncompliance provisions of the rule apply to on-site waiver applications.
- Section 14 of the rule specifies the types of operations for which a certificate of on-site inspection is required for a rotating telehandler or articulating boom crane. In general, the requirement for a certificate of on-site inspection will take effect on January 1, 2028. The delayed implementation of this provision will allow adequate time for these projects to prepare. In the interim, the rule states that most work will require a more generalized equipment use permit. On and after January 1, 2028, this section of the rule will allow certain smaller scale and limited operations to continue to avail themselves of the equipment use permit.

In response to comments received at the May 28, 2025 public hearing, the department made the following changes to the rule:

Section 8, which amends the exceptions to paragraph (1) of subdivision (c) of section 3319-01, was revised to require a certificate of approval for articulating boom cranes attached to a commercial truck chassis and for rotating telehandlers only when the equipment requires a certificate of on-site inspection.

Section 14, which adds a new paragraph (14) to subdivision (g) of section 3319-01, was revised as follows:

- The requirements for a certificate of on-site inspection for articulating boom cranes attached to a commercial truck chassis and rotating telehandlers were revised to apply only to large articulating boom cranes and rotating telehandlers.
  - A proposed trigger to require a certificate of on-site inspection if an articulating boom crane or rotating telehandler is not equipped with an automatic overload prevention device was removed. The department will, in subsequent rulemaking, specify the types of operational aids and safety devices acceptable for articulating boom cranes and rotating telehandlers, irrespective of the permit status of the equipment.
  - A proposed trigger to require a certificate of on-site inspection if an articulating boom crane or rotating telehandler imposes a pressure on the street in excess of 3,500 psf was removed. New language to reiterate the need to comply with the requirements of other agencies, including those of the New York City Department of Transportation, was added.
  - A proposed trigger to require a certificate of on-site inspection if an articulating boom crane or rotating telehandler is used at a site subject to supervision by a construction superintendent was removed. Provided the equipment does not meet any remaining trigger for a certificate of on-site inspection, the mere presence of the equipment at either a major or non-major building site supervised by a construction superintendent will not trigger the need for a certificate of on-site inspection. Proposed exemptions that would have delayed implementation of this trigger till January 1, 2028, for major building sites, and carved out non-major

building sites, have been rendered redundant by this change and have been removed.

- For clarity, the triggers related to a certificate of on-site inspection for articulating boom cranes attached to a commercial truck chassis and rotating telehandlers have been separated from the triggers for an equipment use permit. Specifically, the triggers for a certificate of on-site inspection are in subparagraph (i) of paragraph (14) of subdivision (g), and the triggers for an equipment use permit are in subparagraph (ii) of paragraph (14) of subdivision (g). Previously, the triggers for both had been compressed into subparagraph (i).
  - Proposed exemptions to subparagraph (i) were reworked to reflect the separation, and obsolete exemptions were removed.
- Language was added to the now renumbered subparagraph (iii) of paragraph (14) of subdivision (g) to note that an equipment owner, vendor, or contractor may obtain an equipment use permit for articulating boom cranes and rotating telehandlers. The scope of the permit was specified for each type of permit holder.
- For clarity, provisions related to the construction documents submitted as part of the equipment use permit application were separated into a new subparagraph (iv) of paragraph (14) of subdivision (g).
- Language was added to new subparagraphs (iii) and (iv) of paragraph (14) of subdivision (g) to clarify that an equipment use permit may cover multiple pieces of equipment.
- A new subparagraph (vi) of paragraph (14) of subdivision (g) was added to make clear that a certificate of on-site inspection or equipment use permit is required for an articulating boom crane attached to a commercial truck chassis or rotating telehandler only when required by subparagraphs (i) or (ii).

In addition, the department received comments related to prototyping requirements and third-party inspection requirements for articulating boom cranes and rotating telehandlers. To fully address the comments will require amendments to sections of the rule not included in this round of rulemaking. Therefore, these comments will be addressed in future rulemaking.

The department also received comments related to the rigging supervision requirements for deliveries. This topic is governed by Section 3316.9.2 of the Building Code and is beyond the scope of rulemaking.

Further, the department received comments requesting that the terminology “direct and continuing supervision” with respect to rigging supervision be revised to read “direct employ.” The terminology “direct and continuing supervision” utilized in these rules mirrors the language in the code, specifically in Section 3316.9.2 of the Building Code and Article 404 of Title 28 of the New York City Administrative Code and cannot be amended by rule. The comments expressed a desire to make clear that merely being present at the site is not an adequate bar for supervision; that the individuals must also be employed by the rigger. “Direct and continuing supervision” is defined to require individuals being supervised to be in the “direct employ” of the licensee.

The Department of Buildings’ authority for these rules is found in sections 643 and 1043 of the New York City Charter, Article 405 of Chapter 4 of Title 28 of the New York City Administrative Code, and Section 3319 of the New York City Building Code.

New material is underlined.

[Deleted material is in brackets.]

Asterisks (\*\*\*) indicate unamended text.

“Shall” and “must” denote mandatory requirements and may be used interchangeably in the rules of this department, unless otherwise specified or unless the context clearly indicates otherwise.

Section 1. Exception 2 of subparagraph (ii) of paragraph (4) of subdivision (a) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

2. Applicants for a Limited Hoisting Machine Operator license for an articulating boom crane, mini crane, or telehandler may credit experience earned in New York City operating [an articulating boom crane, mini crane, or rotating telehandler] the equipment for which such license is sought and obtained neither in the presence nor under the direct supervision of a New York City licensed Hoisting Machine Operator, provided, however, that such experience was earned prior to November 7, 2024 and no more than three (3) years prior to the date of application for licensure, and provided further that such operation was performed in connection with building or infrastructure construction, alteration, or demolition work, or the installation or removal of temporary structures or temporary construction installations, or the delivery or retrieval of materials, equipment, or other items to or from a building, but excluding work in industrial or commercial plants or yards. Such experience will be credited as satisfying the provisions of clause (A) of this subparagraph at a rate of 125 hours of operator experience equaling one month of experience. Where the operator has in excess of 1,500 hours of qualifying experience, the remainder of the experience will be credited towards satisfying the second year of experience required by section 28-405.3 of the New York city administrative code, also at a rate of 125 hours of operator experience equaling one month of experience. Proof of such experience shall be documented in the form of an affidavit provided by the department and signed by the applicant and the applicant’s employer or union. However, the department may decline to credit such experience to any individual who defaulted on or has been found liable for unsafe operation of a crane or telehandler after proceedings before the environmental control board or in an adjudication in criminal court, if such default or judgment occurred within the five (5) years preceding such application. The department may also delay a determination under this exception for any applicant against whom there is an open violation for the unsafe operation of a crane or telehandler issued within the five (5) years preceding such application. Applicants subject to this exception may be asked by the department to submit proof, in addition to the affidavit described above, in support of their operating record.

§ 2. Table 2 of subdivision (d) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended by adding a new footnote 6 to read as follows:

**Table 2: Certifications by licensing class<sup>1</sup>**

Certification	Hoisting machine operator licensing class		
	A	B	C
NCCCO Telescopic Boom Crane - Fixed Cab	Required	Required	Required
NCCCO Telescopic Boom Crane - Swing Cab	Required	Required	Required
NCCCO Lattice Boom Crane <sup>2</sup>	Required	Required	
NCCCO Tower Crane	Additional	Required	
NCCCO Articulating Boom Crane - or - NCCCO Boom Crane w/Winch - or - NCCCO Articulating Boom Loader <sup>3</sup>	Additional	Additional	Additional
NCCCO Dedicated Pile Driver	Additional	Additional	Additional
NCCCO Rotating Telehandler <sup>4</sup>	Additional	Additional	Additional

**Table 2 (cont.): Certifications by licensing class<sup>1</sup>**

Certification	Hoisting machine operator licensing class				Limited telehandler
	Limited articulating boom crane	Limited boom truck	Limited mini crane	Limited sign hanger	
NCCCO Telescopic Boom Crane - Fixed Cab		Required <sup>5</sup>	Required <sup>6</sup>	Required <sup>5</sup>	
NCCCO Telescopic Boom Crane - Swing Cab					
NCCCO Lattice Boom Crane <sup>2</sup>					
NCCCO Tower Crane					
NCCCO Articulating Boom Crane - or - NCCCO Boom Crane w/Winch - or - NCCCO Articulating Boom Loader <sup>3</sup>	Required	Additional	Additional	Additional	
NCCCO Dedicated Pile Driver					
NCCCO Rotating Telehandler <sup>4</sup>		Additional			Required

**Legend to Table 2:**

- “NCCCO” means “National Commission for the Certification of Crane Operators.”



- “Required” means must possess.
- “Additional” means not mandated, but required if licensee intends to operate listed type of hoisting machinery.
- Blank indicates not authorized for the class of license.

**Footnotes to Table 2:**

- <sup>1</sup> Individuals may only operate equipment within the scope of their license, even if a certification authorizes operation of a broader class of equipment.
- <sup>2</sup> For a Hoisting Machine Operator Class B applicant, the practical certification exam for the lattice boom crane must be on a friction crane.
- <sup>3</sup> Individuals are not permitted to operate machinery exceeding the scope of their certification, even if such machinery is within the scope of their license.
- <sup>4</sup> Individuals who hold a “Rotating Telehandler” certification are authorized to operate a non-rotating (“fixed”) telehandler and need not separately hold a “Fixed Telehandler” certification.
- <sup>5</sup> Licensees who prior to the effective date of this subdivision hold a certification for a “Boom truck” must provide a certification for “NCCCO Telescopic Boom Crane - Fixed Cab upon renewal of their license.
- <sup>6</sup> For a Limited Hoisting Machine Operator License for a mini crane, a certification from the National Center for Construction Education and Research (“NCCER”) that authorizes the operation of a telescopic boom is acceptable in lieu of a NCCCO certification for a “Telescopic Boom Crane - Fixed Cab.”

§ 3. Subdivision (f) of section 104-20 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended by adding new paragraphs (1) and (2) to read as follows:

- (1) For work conducted by a master rigger, other than the erection, jumping, or dismantling of a tower crane, the master rigger must provide a letter, signed and dated by the licensee, attesting that all members of the rigging crew are under the direct and continuing supervision of the licensee. The letter must be maintained at the site by the master rigger and made available to the commissioner upon request. In addition, where the work requires a certificate of on-site inspection or a permit, including but not limited to an on-site waiver, the letter must be submitted with the application for the certificate of on-site inspection or permit, and the plans for the certificate of on-site inspection or permit must be stamped or otherwise clearly marked, in a format acceptable to the commissioner, indicating the work will be performed under the direct and continuing supervision of the master rigger.
- (2) For the erection, jumping, or dismantling of a tower crane, the master or tower crane rigger must provide a letter, signed and dated by the licensee, attesting that all members of the “jumping” crew are under the direct and continuing supervision of the licensee. The letter must be submitted as part of the plan required by Section 3319.8.1 of the New York City Building Code.

§ 4. Subdivision (b) of section 104-23 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended by adding a new definition of “direct supervision” in alphabetical order to read as follows:

Direct supervision. See §28-401.3 of the New York City Administrative Code.

§ 5. Section 104-23 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended by adding a new subdivision (m) to read as follows:

(m) Employment. A learner for a hoisting machine operator does not need to be employed by the hoisting machine operator supervising the learner. The learner and supervisor do not need to be employed by the same entity.

§ 6. The exception to subdivision (a) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

**Exception:** Cranes and derricks listed in the exceptions set forth in [Section 3319.3] Sections 3316.1 or 3319.1 of the New York City Building Code.

§7. The following definitions set forth in subdivision (b) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York are amended and new definitions of “CRITICAL PICK,” “MAJOR BUILDING,” “ROTATING TELEHANDLER,” and “TELEHANDLER” are added to such subdivision, in alphabetical order, to read as follows:

...

**AXIS OF ROTATION.** [The vertical axis around which the crane superstructure rotates.] See Chapter 2 of the New York City Building Code.

**AXLE.** [The shaft or spindle with which or about which a wheel rotates. On truck and wheel mounted cranes it refers to an automotive type of axle assembly including housing, gearing, differential, bearings and mounting appurtenances.] See Chapter 2 of the New York City Building Code.

...

**BASE (mounting).** [The base or carrier on which the rotating superstructure is mounted such as a truck, crawler or platform.] See Chapter 2 of the New York City Building Code.

**BOOM.** [A section or strut, of which the heel (lower end) is affixed to a base, carriage or support, and whose upper end supports a cable and sheaves where the load is lifted by means of wire rope and a hook.] See Chapter 2 of the New York City Building Code.

...

**BOOM POINT.** [The outward end of the top section of the boom, containing the hoist sheave assembly.] See Chapter 2 of the New York City Building Code.

...

**BRAKE.** [A device used for retarding or stopping motion by friction or power means.] See Chapter 2 of the New York City Building Code.

...

**CABLEWAY.** [A power operated system for moving loads in a generally horizontal direction in which the loads are conveyed on an overhead cable, track or carriage.] See Chapter 2 of the New York City Building Code.

**CERTIFICATE OF APPROVAL.** [A certificate issued by the department upon review and approval of the engineering and testing of a specific make and model of hoisting equipment to ensure compliance with the applicable provisions of this code and its referenced standards.] See Chapter 2 of the New York City Building Code.

**CERTIFICATE OF OPERATION.** [A certificate issued by the department annually upon satisfactory inspection of the hoisting equipment holding a certificate of approval to ensure that the equipment continues to be in compliance with this code and its referenced standards.] See Chapter 2 of the New York City Building Code.

**CERTIFICATE OF ON-SITE INSPECTION.** [A certificate issued by the department based on a site-specific approval of the placement, founding and operation of hoisting equipment.] See Chapter 2 of the New York City Building Code.

**CLAMSHELL.** [A shovel bucket with two jaws that clamp together by their own weight when it is lifted by a closing line.] See Chapter 2 of the New York City Building Code.

**[CLIMBING/JUMPING.** The raising or lowering of a tower or climber crane to different floors or levels of a building or structure.]

...

**COMPETENT PERSON.** [One who is capable of identifying existing predictable hazards in the surroundings or conditions that are unsanitary, hazardous or dangerous, and who has authorization to take prompt corrective measures to eliminate such hazards.] See Chapter 2 of the New York City Building Code.

...

**COUNTERWEIGHT.** [Weight used to supplement the weight of the machine in providing stability for lifting working loads.] See Chapter 2 of the New York City Building Code.

**CRANE.** [A power-operated machine for lifting or lowering a load and moving it horizontally which utilizes wire rope and in which the hoisting mechanism is an integral part of the machine. The definition of a crane shall also include articulating boom crane, regardless of whether it has a hoisting mechanism integral to the machine.] See Chapter 2 of the New York City Building Code.

**ARTICULATING BOOM CRANE.** [A power-operated machine for lifting or lowering a load and moving it horizontally that utilizes a boom consisting of a series of folding pin connected structural members, typically manipulated to extend or retract by power from hydraulic cylinders, with or without a hoisting mechanism integral to the machine.] See Chapter 2 of the New York City Building Code.

**MOBILE CRANE.** [A commercial truck mounted crane, crawler crane, wheel mounted crane (multiple control stations), or wheel mounted crane (single control station).] See Chapter 2 of the New York City Building Code.

**COMMERCIAL TRUCK MOUNTED CRANE (BOOM TRUCK).** [A crane consisting of a rotating superstructure (center post or turntable), boom, operating machinery, and one or more operator's stations mounted on a frame attached to a commercial truck chassis, usually retaining a payload hauling capability whose power source usually powers the crane. Its function is to lift, lower, and swing loads at various radii.] See Chapter 2 of the New York City Building Code.

**CRAWLER CRANE.** [A crane consisting of a rotating superstructure with a power plant, operating machinery, and boom, mounted on a base and equipped with crawler treads for travel. Its function is to lift, lower, and swing loads at various radii.] See Chapter 2 of the New York City Building Code.

**WHEEL MOUNTED CRANE (MULTIPLE CONTROL STATIONS).** [A crane consisting of a rotating superstructure, operating machinery, and operator's station and boom, mounted on a crane carrier equipped with axles and rubber-tired wheels for travel, a power source(s), and having separate stations for driving and operating. Its function is to lift, lower, and swing loads at various radii.] See Chapter 2 of the New York City Building Code.

**WHEEL MOUNTED CRANE (SINGLE CONTROL STATION).** [A crane consisting of a rotating superstructure, operating machinery, and boom, mounted on a crane carrier equipped with axles and rubber-tired wheels for travel, a power source, and having a single control station for driving and operating. Its function is to lift, lower, and swing loads at various radii.] See Chapter 2 of the New York City Building Code.

...

**TOWER CRANE.** [A power-operated hoisting machine that utilizes a vertical tower with a rotating superstructure and includes a load boom (jib) in order to lift or lower a load and move it horizontally.] See Chapter 2 of the New York City Building Code.

**CLIMBER CRANE.** [A tower crane that can be raised to a new working height, either by adding tower sections to the top of the crane (top climbing), or by a system in which the entire crane is raised inside the structure (inside climbing).] See Chapter 2 of the New York City Building Code.

**SELF-ERECTING TOWER CRANE.** [A tower crane that adjusts its operating radius by means of a trolley traversing a jib and that; (i) possesses a vertical or nearly vertical tower or mast that is bottom slewing and mounted on fixed, traveling, or mobile bases; and (ii) is capable of folding and unfolding to facilitate transit from site to site with minimal assembly. A self-erecting tower crane is not considered to be a mobile crane, even if the self-erecting tower crane otherwise meets the definition of a mobile crane.] See Chapter 2 of the New York City Building Code.

...

**CRITICAL PICK.** See Chapter 2 of the New York City Building Code.

**DEDICATED PILE DRIVER.** [A power-operated machine that is designed primarily to drive, hammer, press, or vibrate piles into the earth (“pile drive”) and which typically possess the ability to both hoist the material that will be pile driven and to pile drive that material.] See Chapter 2 of the New York City Building Code.

...

**DERRICK.** [An apparatus consisting of a mast or equivalent member held at the top by guys or braces, with or without a boom, for use with a hoisting mechanism and operating ropes, for lifting or lowering a load and moving it horizontally. The definition of a derrick includes but is not limited to: A-frame derrick, basket derrick, breast derrick, Chicago boom derrick, gin pole derrick, guy derrick, shearleg derrick, and stiffleg derrick.] See Chapter 2 of the New York City Building Code.

...

**DISMANTLING.** [The final process of taking apart, piece by piece, in a specific sequence, the components of a crane. Dismantling shall include climbing and jumping.] See Chapter 2 of the New York City Building Code.

**DRUM.** [The cylindrical member around which a rope is wound for raising and lowering the load or boom.] See Chapter 2 of the New York City Building Code.

...

**ERECTION.** [The assembly and placement of crane sections and components into place, including all operations incidental thereto. Erection shall include climbing and jumping.] See Chapter 2 of the New York City Building Code.

...

**HOISTING EQUIPMENT.** [Equipment used to raise and lower personnel and/or material with intermittent motion. Hoisting equipment does not include scaffolds, mast climbers, and elevators.] See Chapter 2 of the New York City Building Code.

**HOISTING MACHINE.** [A power operated machine used for lifting or lowering a load, utilizing a drum and wire rope, excluding elevators. This shall include but not be limited to a crane, derrick, and cableway and hydraulic lifting system, and articulating booms.] See Chapter 2 of the New York City Building Code.

**HOISTING MECHANISM.** [A hoist drum and rope reeving system used for lifting and lowering loads.] See Chapter 2 of the New York City Building Code.

...

**JIB.** [An extension attached to the boom point to provide added boom length for lifting specified loads. The jib may be in line with the boom or offset to various angles in the vertical plane of the boom.] See Chapter 2 of the New York City Building Code.

**JUMP (jumping or climbing).** [The process of adding or removing mast or tower sections to equipment that has already been erected.] See Chapter 2 of the New York City Building Code.

...

**LOAD (working).** [The external load, in pounds (kilograms), applied to the crane or derrick, including the weight of auxiliary load attaching equipment such as load blocks, shackles, and slings.] See Chapter 2 of the New York City Building Code.

**LOAD BLOCK (upper).** [The assembly of hook or shackle, swivel, sheaves, pins, and frame suspended from the boom point.] See Chapter 2 of the New York City Building Code.

**LOAD BLOCK (lower).** [The assembly of hook or shackle, swivel, sheaves, pins and frame suspended by the hoisting ropes.] See Chapter 2 of the New York City Building Code.

...

**LOAD RATINGS.** [Crane and derrick ratings in pounds (kilograms) established by the manufacturer in accordance with standards set forth in rules promulgated by the commissioner.] See Chapter 2 of the New York City Building Code.

**LOAD RATING CHART.** [A full and complete range of manufacturer's crane load ratings at all stated operating radii, boom angles, work areas, boom lengths and configurations, jib lengths and angles (or offset), as well as alternative ratings for use and nonuse of optional equipment on the crane, such as outriggers and extra counterweights, that affect ratings.] See Chapter 2 of the New York City Building Code.

**MAJOR BUILDING.** See Chapter 2 of the New York City Building Code.

...

**OUTRIGGERS (crane).** [Extendable or fixed members attached to the mounting base that rest on supports at the outer ends used to support the crane.] See Chapter 2 of the New York City Building Code.

**PILE DRIVER.** [A dedicated pile driver; or a crane or derrick equipped with an attachment or otherwise outfitted to drive, hammer, press, or vibrate piles into the earth ("pile drive"). However, the definition of a pile driver does not include excavating or earth-moving equipment fitted with a pile driving attachment.] See Chapter 2 of the New York City Building Code.

...

**QUALIFIED PERSON.** [A person who by possession of a recognized degree, certificate or professional standing, or who by knowledge, training and experience, has successfully demonstrated his or her ability to solve or resolve problems related to the subject matter, the work, or the project.] See Chapter 2 of the New York City Building Code.

...

**ROPE.** [A continuous line of material comprised of a number of twisted or braided strands of fiber (natural or synthetic) or metal wire.] See Chapter 2 of the New York City Building Code.

**ROTATING TELEHANDLER.** See Chapter 2 of the New York City Building Code.

...

**SUPERSTRUCTURE.** [The rotating upper frame structure of the machine and the operating machinery mounted thereon.] See Chapter 2 of the New York City Building Code.

**SWING.** [Rotation of the superstructure for movement of loads in a horizontal direction about the axis of rotation.] See Chapter 2 of the New York City Building Code.

...

**TELEHANDLER.** See Chapter 2 of the New York City Building Code.

...

**[TOWER.** A vertical structural frame consisting of columns and bracing that are capable of supporting working and dynamic loads and transmitting them to the support(s).]

**TRANSIT.** [The moving or transporting of a crane from one job site to another.] See Chapter 2 of the New York City Building Code.

**TRAVEL.** [The function of the machine moving from one location to another on a job site.] See Chapter 2 of the New York City Building Code.

§ 8. The exceptions to paragraph (1) of subdivision (c) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York are amended by adding new exceptions 4, 5, 6, and 7 to read as follows:

**(1) Certificates of approval, operation, and on-site inspection.**

...

**Exceptions:**

...

4. A certificate of on-site inspection is only required for a rotating telehandler, or an articulating boom crane attached to a commercial truck chassis, when specified by paragraph (14) of subdivision (g) of this section.
5. Prior to January 1, 2028, a certificate of operation is not required for a rotating telehandler, nor for an articulating boom crane attached to a commercial truck chassis.
6. Prior to January 1, 2028, a certificate of approval is not required for a rotating telehandler, nor for an articulating boom crane attached to a commercial truck chassis.

7. On and after January 1, 2028, a certificate of approval is not required for a rotating telehandler, nor for an articulating boom crane attached to a commercial truck chassis, that does not require a certificate of on-site inspection.

§ 9. Paragraph (2) of subdivision (c) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (2) **Temporary construction equipment permit.** A temporary construction equipment permit[, such as an Alt II permit or a CD-5 permit,] is required for:
- (i) A mobile crane that meets exception numbers 3 or 4 of Section 3319.3 of the New York City Building code, but does not meet any other exception of Section 3319.3 of the New York City Building code, and is used in conjunction with the construction, alteration, or demolition of a building.
  - (ii) Cranes and derricks with a manufacturer's rated capacity of 1 ton (907 kg) or less and used in conjunction with the installation, alteration, maintenance, repair, or removal of a building, building systems, or equipment located on a building.
  - (iii) Rotating telehandlers, or articulating boom cranes attached to a commercial truck chassis, when specified by paragraph (14) of subdivision (g) of this section.

§ 10. Paragraph (3) of subdivision (c) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (3) **Noncompliance.** Where a crane or derrick requiring one or more of the certificates, on-site waivers, or permits is found not to be in compliance with one or more of the required certificates, on-site waivers, or permits, the use of such crane or derrick must cease. The crane or derrick must not be used until it has been brought into conformance with the certificates, on-site waivers, or permits, or amended certificates, on-site waivers, or permits have been issued by the department to reflect the state of the crane or derrick.

§ 11. Paragraph (5) of subdivision (c) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended by adding a new subparagraph (iv) to read as follows:

- (iv) **Notification of operator.** The department must be notified of the licensed hosting machine operator or operators authorized to operate the crane or derrick, or to supervise a learner on the crane or derrick, prior to the commencement of their operation or supervision.  
**Exception:** Notification is not required for a crane or derrick that does not require a certificate of on-site inspection.



§ 12. Subdivision (f) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

(f) **[Annual renewal of the certificate] Certificate of operation.** Certificates of operation must comply with the requirements of Section 3319.5 of the New York City Building Code and the following.

(1) **Application.** [Application for renewal of] An application for the issuance or renewal of a certificate of operation, [as stipulated] in accordance with Section 3319.5 of the New York City Building Code, must be accompanied by [inspection and maintenance records in accordance with paragraph (1) of subdivision (k) of this section and paragraph (1) of subdivision (m) of this section.]:

- (i) Owner name and contact information;
- (ii) Certificate of origin and bill of sale, except for a renewal where no change to the owner has occurred;
- (iii) Device information, including but not limited to make and model, capacity, dimensions, serial number, and date of manufacture;
- (iv) Component and attachment information, including but not limited to description of the component or attachment, the serial number or other identification number acceptable to the commissioner for the component or attachment, date of manufacture of the component or attachment, and as applicable, capacity and dimensions of the component or attachment;
- (v) For each lattice component, a report indicating passage of a magnetic particle inspection or other crack detection inspection acceptable to the commissioner, with the date of inspection no more than 60 days prior to the submittal of the application;
- (vi) Attestation from the owner of the crane or derrick disclosing the repair and accident history of the crane or derrick, including its components;
- (vii) Attestation from the owner of the crane or derrick certifying compliance with all applicable manufacturer service notices and recall bulletins;
- (viii) For a tower crane, other than a self-erecting tower crane, a third-party report from a New York State professional engineer, other than the engineer who filed the crane or derrick notice application for the associated job, attesting to the repair and maintenance history of the tower crane and its components, and the adequacy of such repairs and maintenance. This must include documentation of compliance with all applicable manufacturer service notices and recall bulletins; and
- (ix) Copies of maintenance records and inspection reports for the crane or derrick, and its components, upon request.

(2) **Yard inspection.** Upon approval of the application for the issuance or renewal of a certificate of operation, [a] the new or renewed certificate of operation will only be issued after a satisfactory inspection of the crane or derrick by a department inspector at a crane yard or other site acceptable to the commissioner.

**Exceptions:**

1. For a rotating telehandler, or an articulating boom crane attached to a commercial truck chassis, the inspection may be performed by a crane inspection agency approved by the department and meeting the requirements of section 101-07 of these rules.
2. For a mobile crane, other than a boom truck, with a telescoping, hydraulic, articulating, or folding boom, including jibs and any other extensions to the boom, not exceeding 50 feet (15 240 mm) in length with a manufacturer's rated capacity of 3 tons (2.72 t) or less, the inspection may be performed by a crane inspection agency approved by the department and meeting the requirements of section 101-07 of these rules.

- (3) Inspection for more than 250 feet of boom length.** For a job site configuration where the boom, including jibs and any other extensions to the boom, will exceed 250 feet (76.2 m) in length, the certificate of operation will be contingent upon the crane or derrick passing a subsequent satisfactory inspection, performed on site by a department inspector, prior to the use of crane or derrick for each configuration exceeding 250 feet (76.2 m) in length at the site.

**Exceptions:**

1. Such inspection is not required for a crane with a telescopic, hydraulic, articulating, or folding boom exceeding 250 feet (76.2 m) in length, provided no jib is attached to the boom.
2. Such inspection is not required for a crane that does not require a certificate of on-site inspection.

- (4) Expiration for a tower crane and derrick.** Provided no other expiration threshold for the certificate of operation has already been met, the certificate of operation for a tower crane, other than a self-erecting tower crane, and for a derrick, is deemed to be expired when either:

- (i) The certificate of on-site inspection with which the tower crane or derrick was associated with expires; or
- (ii) Notification of departure of the equipment in accordance with subparagraph (iii) of paragraph 5 of subdivision (c) of this section has been provided, or for a derrick permanently mounted to a structure, the work associated with the certificate of on-site inspection has been completed.

- (5) Amendments.** A certificate of operation must be amended when any information contained in the certificate of operation is no longer accurate, as well as when otherwise provided in Section 3319.5 of the New York City Building Code. When an amendment proposes to add, repair, replace, or modify a component, or when the amendment indicates a condition that may, in the judgement of the department, warrant inspection, the amended certificate of operation will only be issued after a satisfactory inspection of the crane or derrick in accordance with the provisions of paragraph (2) of this subdivision.

§ 13. Paragraph (2) of subdivision (g) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended by adding new subparagraphs (ix) and (x) to read as follows:

- (ix) Direct and continuing supervision. Where the work will be conducted under the direct and continuing supervision of a master rigger, the application must comply with the provisions of subdivision (f) of section 104-20 of these rules.
- (x) Critical pick. Where a critical pick will be performed in accordance with a plan developed by a master rigger or professional engineer in accordance with Section 3316.9.1 of the New York City Building Code, the application must be accompanied by a letter, acceptable to the commissioner, from the master rigger or engineer affirming there will be compliance with the critical pick plan and on-site verification requirements of Section 3316.9.1 of the New York City Building Code.

§ 14. Subdivision (g) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended by adding a new paragraph (14) to read as follows:

**(14) Special requirements for rotating telehandlers and articulating boom cranes.**

This paragraph sets forth additional requirements for rotating telehandlers and for articulating boom cranes attached to a commercial truck chassis.

- (i) **Certificate of on-site inspection required.** A certificate of on-site inspection is required for the use of a rotating telehandler, or for the use of an articulating boom crane attached to a commercial truck chassis, at any site where at least one of the following occurs:
  - 1. The boom, including jibs and any other extensions to the boom, exceeds 135 feet (41.15 m) in length;
  - 2. The rotating telehandler or articulating boom crane raises a load to a height of more than 100 feet (30.48 m);
  - 3. The rotating telehandler or articulating boom crane is set up on a steel platform, excluding mats or dunnage at the street or ground level; or
  - 4. The rotating telehandler or articulating boom crane has a manufacturer's rated capacity in excess of 50 tons (45.36 t).

**Exception:** Uses exempted from a certificate of on-site inspection by Sections 3316.1, 3319.1, or 3319.3 of the New York City Building Code or subdivision (c) of this section. This includes but is not limited to rotating telehandlers when configured as excavating or earth-moving equipment, drilling equipment, tree trimming equipment, demolition grapplers, or aerial work platforms, provided all the conditions and restrictions in the applicable

exemption are met. A rotating telehandler equipped with forks is not considered to be a powered industrial truck (forklift).

- (ii) Permit required.** Provided the rotating telehandler or articulating boom crane does not otherwise require a certificate of on-site inspection pursuant to subparagraph (i) of this paragraph, a temporary construction equipment permit is required for the use of a rotating telehandler at a site for which a construction superintendent is required, and for the use of an articulating boom crane attached to a commercial truck chassis at a site for which a construction superintendent is required.

**Exceptions:**

1. Uses exempted from a certificate of on-site inspection by Sections 3316.1, 3319.1, or 3319.3 of the New York City Building Code or subdivision (c) of this section. This includes but is not limited to rotating telehandlers when configured as excavating or earth-moving equipment, drilling equipment, tree trimming equipment, demolition grapplers, or aerial work platforms, provided all the conditions and restrictions in the applicable exemption are met. A rotating telehandler equipped with forks is not considered to be a powered industrial truck (forklift).
2. At a major building site requiring a construction superintendent where the site safety plan for the project is filed before January 1, 2028, or at a non-major building site requiring a construction superintendent where the application for construction document or demolition submittal document approval for the underlying project is submitted before January 1, 2028, a temporary construction equipment permit is not required to perform any of the following activities:
  - 2.1. Install/remove HVAC, electrical, plumbing, telecom, or similar equipment, and supporting dunnage, to/from a roof, setback, or other location exterior to a building.
  - 2.2. Install/remove foundation or support of excavation elements, provided the rotating telehandler or articulating boom crane is set up and operated exclusively within the confines of the excavation or foundation.
  - 2.3. Pick and carry material or equipment, provided the material or equipment is not raised more than 12 feet (3658 mm) during the picking and carrying operation and the area of the picking and carrying operation is temporarily or permanently closed to the public during the operation.

2.4. A one-off delivery/removal of material or equipment to/from one truck/trailer, provided that the material or equipment is not arranged by the rotating telehandler or articulating boom crane in a particular sequence for hoisting, with all loads promptly deposited and not held, supported, nor stabilized by the rotating telehandler or articulating boom crane while the load is being installed, uninstalled, or braced, including but not limited to holding the load in place while it is bolted or affixed to a structure, and further provided that when the rotating telehandler or articulating boom crane is located outside of the property line of the site, that the rotating telehandler or articulating boom crane does not remain outside of the site beyond the time necessary to perform the delivery/removal operation.

- (iii) Scope of temporary construction equipment permit.** A temporary construction equipment permit for a rotating telehandler or an articulating boom crane attached to a commercial truck chassis crane can be applicable to multiple pieces of equipment, multiple makes and models of equipment, and multiple setups and setup locations, provided the use of the equipment is under the control of the permit holder. For a permit issued to an equipment owner or vendor, control means the equipment is owned or leased by such owner or vendor. For a permit issued to a contractor, control means the equipment is used to advance the work of the contractor at the site, including that of any sub-contractor engaged by the contractor. A permit may only be for articulating boom cranes, or only for rotating telehandlers, and not both. Separate permits are required when articulating boom cranes and rotating telehandlers are both used at the site.
- (iv) Content of construction documents.** Construction documents filed for a temporary construction equipment permit for a rotating telehandler or an articulating boom crane attached to a commercial truck chassis must clearly indicate acceptable makes and models of equipment, and must also clearly detail equipment setup locations, swing and lifting radius, and pertinent obstacles, restrictions, and site features.
- (v) Permit made available to operator.** The permit holder for the temporary construction equipment permit must provide a copy of the permit and construction documents to the operator of the rotating telehandler or articulating boom crane prior to the operator setting up or using the telehandler or crane at the site.
- (vi) Other uses.** Neither a certificate of on-site inspection, nor a temporary construction equipment permit, is required for the use of a rotating

telehandler, or for the use of an articulating boom crane attached to a commercial truck chassis, unless specifically required by subparagraphs (i) or (ii) of this paragraph.

**(vii) Requirements of other agencies.** The requirements for, and exemptions from, a certificate of on-site inspection or temporary construction equipment permit do not alleviate the need to comply with the permit requirements of other agencies, including but not limited to those of the New York City Department of Transportation as referenced in paragraph (7) of subdivision (s) of this section.

§ 15. Exception 2 of paragraph (1) of subdivision (i) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

2. Operators of equipment exempted by Sections 3316.1 or 3319.1 of the New York City Building Code. This includes but is not limited to rotating telehandlers when configured as excavating or earth-moving equipment, drilling equipment, tree trimming equipment, demolition grapplers, or aerial work platforms, provided all the conditions and restrictions in the applicable exemption are met. A rotating telehandler equipped with forks is not considered to be a powered industrial truck (forklift).

§ 16. Exception 7.1 of paragraph (1) of subdivision (i) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

- 7.1. The work does not meet the definition of a critical pick as set forth in Section [3302.1] 202 of the Building Code;

§ 17. Exception 10 of paragraph (1) of subdivision (i) of section 3319-01 of Chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

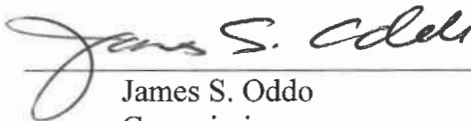
10. Operators of wheel mounted non-rotating (“fixed”) telehandlers with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 200 feet (60.96 m) in length and with a manufacturer’s rated capacity of 50 tons (45.36 t) or less, and not equipped with a hoisting mechanism. However, where such telehandler is configured with a hook attachment, jib attachment, concrete bucket attachment, or a vacuum or magnetic lifting attachment, or otherwise moves a suspended load, the operator must possess on and after November 7, 2024 a certification from the National Commission for the Certification of Crane Operators (“NCCCO”) for the operation of such telehandler. However, even if otherwise required by this provision, a license or certification is not required for the operator of a wheel mounted non-rotating (“fixed”) telehandler when the operation or

configuration of the telehandler meets another exemption in this paragraph for a crane or telehandler.

**NEW YORK CITY DEPARTMENT OF BUILDINGS**  
**NOTICE OF ADOPTION**

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter that the Department of Buildings hereby adopts the amendments to its rules regarding hoisting machine operator licenses. This rule was first published on January 26, 2024, and a public hearing thereon was held on February 28, 2024.

Dated: 6/17/24  
New York, New York

  
James S. Oddo  
Commissioner



## **Statement of Basis and Purpose of Rule**

Article 405 of Title 28 of the New York City Administrative Code sets out the requirement for a license to operate hoisting machines, including cranes and derricks. Section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York (“RCNY”) establishes the qualification requirements to obtain a hoisting machine operator license. Section 104-23 of Subchapter D of Chapter 100 of Title 1 of the RCNY further establishes rules for hoisting machine operator learners and their supervision. Finally, section 3319-01 of Subchapter D of Chapter 100 of Title 1 of the RCNY sets forth certain rules for the design, construction, inspection, and operation of cranes and derricks, including additional licensing standards.

The 2022 New York City Construction Codes (“2022 Code updates”), enacted by Local Law 126 for the year 2021, created, among other things, new classes of limited hoisting machine operator licenses for articulating boom cranes and mini cranes. The 2022 Code updates also authorize the department to create additional limited licenses for other types of hoisting machines. For individuals applying for such new limited hoisting machine operator licenses, the department has a 2-year window, running from November 7, 2022, to November 6, 2024, to establish alternative pathways for licensure. Existing Class C-2 and C-3 hoisting machine operator licenses were also renamed boom truck limited license and a sign hanging crane limited license, respectively.

The rule makes amendments implementing the new limited hoisting machine operator licenses for articulating boom cranes and mini cranes. It further creates a new limited hoisting machine operator license for telehandlers. Ancillary changes for Class A, B, and C hoisting machine operator licenses are also made. More specifically:

- Sections 1, 2, 3, 6, 7, and 8 amend section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York, which establishes training, certification, medical fitness, and other qualifications needed to obtain a hoisting machine operator license, as follows:
  - Section 2 of this rule edits subparagraph (i) of paragraph (4) of subdivision (a) to clarify that applicants for a Class A hoisting machine operator license can credit experience obtained as a learner on smaller equipment in New York City towards a portion of their experience requirement. However, two-thirds of the experience required to obtain a Class A license must still have been obtained as a learner on larger equipment in New York City.
  - Section 2 also rewrites subparagraph (ii) of paragraph (4) of subdivision (a), which currently defines the experience required to obtain a Class C hoisting machine operator license. The existing requirements allow for experience obtained in the United States, but outside of New York City, to be credited towards obtaining a Class C hoisting machine operator license. The amendments account for the renamed boom truck limited license and a sign hanging crane limited license (formerly named Class C-2 and C-3, respectively) and the new limited hoisting machine operator licenses for articulating boom cranes, mini cranes, and telehandlers. The amendments specify that only one year of experience in the

United States outside of New York City can be credited to obtain a Class C or any limited hoisting machine operator license. An additional year of experience within New York City as a learner under the supervision of an existing New York City licensed hoisting machine operator is still mandated.

- Section 2 adds a new subparagraph (iii) to paragraph (4) of subdivision (a) to establish a temporary, alternative pathway to licensure for individuals currently operating articulating boom cranes, mini cranes, and telehandlers in New York City. This temporary, alternative pathway will sunset on November 7, 2024. Hoisting machine operator licensing applicants are typically required to serve as a learner under the supervision of an existing hoisting machine operator, as described above. However, because articulating boom cranes, mini cranes, and telehandlers presently do not require a licensed operator in New York City, subparagraph (iii) allows individuals to credit their non-licensed experience in New York City towards obtaining a limited hoisting machine operator license without the need for supervision by an existing licensee, provided the individual has obtained at least 1,500 hours of experience operating in New York City by November 6, 2024, and further provided that the individual has not been held liable for the unsafe operation of a crane or telehandler in New York City.
- Section 2 relatedly amends clause B of subparagraph (ii) to account for individuals who have operated articulating boom cranes, mini cranes, and telehandlers in New York City without a license prior to November 7, 2024, but who will not have obtained the full 1,500 hours of experience to qualify under the temporary, alternative pathway in subparagraph (iii), described above, before it sunsets. For example, if an individual has obtained nine months of experience operating in New York City by November 6, 2024, the individual would only need three months of further experience in New York City as a learner under the supervision of an existing hoisting machine operator, rather than the full year of additional experience under the supervision of an existing hoisting machine operator generally required by subparagraph (ii).
- Section 3 of this amendment modifies paragraph (5) of subdivision (a), which requires applicants for a Class A or C hoisting machine license to complete a prerequisite number of crane outrigger setups, to impose similar requirements for the new limited licenses.
- Section 5 of this amendment establishes the parameters of the new limited license for telehandlers within subdivision (c).
- Section 6 of this amendment edits subdivision (d) to account for the new limited licenses. This subdivision specifies the national certifications each classification of license is required to possess in order to obtain and maintain a license. Currently, the National Commission for the Certification of Crane Operators (NCCCO) is the only accredited hoisting machine operator certification entity approved by the department. And for ease of understanding, the certifications offered by the

NCCCO are specified by name. By contrast, only general categories are listed in the current rule. However, should another entity be approved by the department, the rule can be amended in the future to identify that entity and their certifications by name. Edits also reflect NCCCO's elimination of a stand-alone "boom truck" certification and NCCCO's combination of two "lattice boom" certifications into one.

- Section 8 of this amendment adds a new subdivision (i) to specify that individuals may hold multiple limited hoisting machine operator licenses.
- Sections 4, 7, 9, and 10 include amendments throughout sections 104-09 and 104-23 of Subchapter D of Chapter 100 of Title 1 of the RCNY to ensure updated cross references to the New York City Building Code, reflect renumbering and updated effective dates made by the 2022 Codes updates, reflect changes in terminology made by the 2022 Code updates, or remove references to the licensing "reinstatement" option, which was eliminated by the 2022 Code updates.
- Section 11 amends section 104-23 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York, which establishes requirements for individuals who are learning to become a hoisting machine operator, as follows:
  - Language in subdivision (l) is added to memorialize the current interpretation that section 28-405.2 of the New York city administrative code prohibits a Class A hoisting machine operator from operating equipment with a boom length exceeding 300 ft in length, even if the individual is learning to become a Class B operator.
  - Language in subdivision (l) is added to account for new limited hoisting machine operator licenses; the language reflects the same pattern established for Class A and Class C hoisting machine operator licenses and allows individuals who began as a learner for one class of license to switch and become a learner for a different class of license.
- Section 12 amends paragraph (1) of subdivision (i) of section 3319-01 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York, which exempts certain machinery from requiring a licensed hoisting machine operator, as follows:
  - New exceptions 8 and 9 delay implementation of the limited licenses for articulating boom cranes and telehandlers until November 7, 2024. This provides time for qualified individuals to apply for the new licenses. Similarly, amendments to exception number 7 delay implementation of the limited license for mini cranes until November 7, 2024. Exception number 5, which describes a subset of work typically performed by articulating boom cranes, is amended to also sunset on November 7, 2024.
  - A new exception number 10 exempts fixed telehandlers from licensing after November 6, 2024. In the interim, however, fixed telehandlers are covered by

exception number 9. In lieu of licensing, beginning November 7, 2024, operators of fixed telehandlers, when the telehandler is configured to hoist or lift materials, are required to possess an NCCCO certification for the operation of a telehandler.

However, following the public hearing, several edits were made based upon comments received:

- Section 2 was revised so that terminology used in subparagraph (i) of paragraph (4) of subdivision (a) of section 104-09 matches similar language used in clauses (B) and (C) of subparagraph (ii) of paragraph (4) of subdivision (a) concerning experience obtained on “mobile or tower cranes or rotating telehandlers,” with the additional reference to “derrick” retained to reflect the larger scope of the Class A hoisting machine operator license.
- Section 2 was also revised to clarify how applicants who apply for a license for an articulating boom crane, mini crane, or rotating telehandler can credit experience obtained operating in New York City prior to November 7, 2024 not under the supervision of a licensed operator. Specifically, the language previously proposed for clause (B) of subparagraph (ii) of paragraph (4) of subdivision (a) regarding such experience was relocated and expanded to become a new exception number 2. As amended, the new exception provides that articulating boom cranes, mini cranes, and rotating telehandlers will not require a licensed operator until November 7, 2024. The previous language recognized that applicants who apply for a license for an articulating boom crane, mini crane, or rotating telehandler after November 6, 2024, and wish to credit experience obtained operating in New York City prior to November 7, 2024, would not have needed to operate under the supervision of a licensed operator. The exception retains this concept and provides additional detail on how an applicant and the department would credit the experience. The additional detail mirrors language previously proposed in the rule for applications submitted before November 7, 2024.
- Section 2 was also revised to clarify that any applicant who “submit[s] an application” pursuant to subparagraph (iii) of paragraph (4) of subdivision (a) will vest their application under the alternate pathway described therein.
- Section 3 was amended to clarify that under paragraph (5) of subdivision (a), a crane with a boom over 200 feet in length can be used to satisfy the outrigger setup requirement if the boom is fully retracted or stowed. Applicants for a Class A, C, or limited hoisting machine operator license must perform at least 100 outrigger setups on a crane. However, such individuals are not authorized to operate a crane with over 200 feet of boom. Ensuring the boom is fully retracted or stowed will prevent such individuals from operating the crane while still making the crane available for outrigger placement training, enabling more opportunities for applicants to conduct the 100 outrigger setups.
- Section 6 was amended to delete the previously proposed footnote number 6 in Table 2. The NCCCO does not restrict testing for their Telescopic Boom Crane - Fixed Cab certification to mini cranes in the manner contemplated by the footnote. By deleting the previously proposed footnote, it will bring the New York City certification requirement for mini cranes into alignment with the national practice.

- Section 12 was amended to clarify that operators of equipment exempted from paragraph (1) of subdivision (i) of section 3319-01 pursuant to exception number 2 include operators of rotating telehandlers configured as excavating, earth-moving, or drill equipment, demolition grapplers, or aerial work platforms.
- Section 12 was also amended to clarify that under the new exception number 10 to paragraph (1) of subdivision (i) of section 3319-01, the proposed operator certification requirement for the operation of a fixed telehandler is only applicable when the fixed telehandler is configured with a hook, jib, or similar means to lift a suspended load. This reflects Occupational Safety and Health Administration (OSHA) requirements which treat a fixed telehandler equipped with a fork or cradle as similar to a forklift and not subject to crane operator certification requirements.
- Section 12 was further amended to add two new exceptions to paragraph (1) of subdivision (i) of section 3319-01:
  - A new exception number 11 was added to clarify that the scope of the new mini crane hoisting machine operator license does not apply to public water or sewer work.
  - A new exception number 12 was added to address industry concerns that the department will not be able to process an adequate number of applications in the few months remaining before the November 7, 2024 deadline, established by Local Law 126 for the year 2021, for applications for certain limited hoisting machine operator licenses under the alternate pathway set forth in section two of this rule. Accordingly, this exception ensures adequate processing time by allowing individuals currently operating articulating boom cranes, mini cranes, and rotating telehandlers to submit an application for a license by November 6, 2024 to continue operating such equipment on and after November 7, 2024, until a decision on their application is reached.

The Department of Buildings' authority for these rules is found in sections 643 and 1043 of the New York City Charter, and Article 405 of Chapter 4 of Title 28 of the City Administrative Code.

New material is underlined.

[Deleted material is in brackets.]

Asterisks (\*\*\*) indicate unamended text.

“Shall” and “must” denote mandatory requirements and may be used interchangeably in the rules of this department, unless otherwise specified or unless the context clearly indicates otherwise.

Section 1. Paragraph (2) of subdivision (a) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (2) **Physical fitness.** An applicant for a Hoisting Machine Operator license shall provide evidence on a form prescribed by the Commissioner that he or she meets the physical qualifications of section 5-3.1.2(a) of ASME B [30.5-2014] 30.5-2021, and has passed a physical exam and a substance abuse test to verify such physical qualification. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

§ 2. Paragraph (4) of subdivision (a) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (4) **Experience qualifications.** In order to satisfy the experience qualifications as set forth in Section 28-405.3 of the New York city administrative code, the experience must have been obtained in accordance with the following:

- (i) **Class A license applicants.** An applicant for a Class A Hoisting Machine Operator license must provide proof demonstrating that the three (3) years of experience required by Section 28-405.3 of the New York city administrative code was acquired operating hoisting machines in New York City in the presence of and under the direct supervision of a licensed Class A or Class B Hoisting Machine Operator in accordance with section 104-23 of these rules. The experience must have been obtained on hoisting machines of a type, size, and capacity authorized to be operated by a Class A licensed hoisting machine operator. [For applications submitted on or after July 1, 2019, at] At least two (2) years of the required three (3) years of experience must have been in the operation of mobile cranes with a manufacturer's rated capacity in excess of 50 tons (45.36 t) or in the operation of tower cranes, other than self-erecting tower cranes. The remaining year of experience can be on any type of mobile or tower crane, derrick, or rotating telehandler authorized to be operated by a Class A HMO licensee; this includes but is not limited to cranes with a capacity under 50 tons (45.36 t).
- (ii) **Class C and limited hoisting machine operator license applicants.** An applicant for a Class C or a Limited Hoisting Machine Operator license must provide proof demonstrating: [that the two (2) years of experience required by Section 28-405.3 of the New York city administrative code was acquired operating hoisting machines under the supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction within the United States that regulates crane operators. The experience must have been obtained on hoisting machines of a type, size, and capacity authorized to be operated by the Class C Hoisting Machine Operator license sought; however, nothing in this section prohibits an individual from crediting experience obtained on Class A machinery in accordance with the provisions of section 104-23 of these rules towards obtaining the Class C license. At least one (1) year of the experience must have been undertaken in the City of New York or in an urban area of comparable density within the United States, as determined by the Commissioner, and, for applications for a Class C1 Hoisting Machine Operator license submitted on or after

July 1, 2019, have been in the operation of wheel mounted cranes with a manufacturer's rated capacity in excess of 3 tons (2.72 t).]

- (A) That at least one (1) year of the two (2) years of experience required by Section 28-405.3 of the New York city administrative code was acquired in New York City in the operation of hoisting machines as specified for each license in Table 1, and that such operation was in connection with building or infrastructure construction, alteration, or demolition work, or the installation or removal of temporary structures or temporary construction installations, or the delivery or retrieval of materials, equipment, or other items to or from a building; but excluding work in industrial or commercial plants or yards;
- (B) That all experience obtained in New York City was acquired operating mobile or tower cranes or rotating telehandlers in the presence of and under the direct supervision of a New York City licensed Hoisting Machine Operator in accordance with section 104-23 of these rules; and
- (C) That experience obtained outside of New York City was acquired in the United States operating mobile or tower cranes or rotating telehandlers in the presence of and under the direct supervision of a hoisting machine operator licensed, registered, or certified in good standing to operate such equipment within the relevant jurisdiction. Applicants who are duly licensed, registered, or certified in good standing to operate the equipment in the relevant jurisdiction for which the experience is being credited may credit self-supervision toward this requirement.

**Exceptions:**

1. Where the applicant already possesses a New York City Limited Hoisting Machine Operator license, such possession is deemed to satisfy one (1) year of the required two (2) years of experience. Such applicants need only comply with clauses (A) and (B) of this subparagraph.
2. Applicants for a Limited Hoisting Machine Operator license for an articulating boom crane, mini crane, or telehandler may credit experience earned in New York City operating an articulating boom crane, mini crane, or rotating telehandler neither in the presence nor under the direct supervision of a New York City licensed Hoisting Machine Operator, provided, however, that such experience was earned prior to November 7, 2024 and no more than three (3) years prior to the date of application for licensure, and provided further that such operation was performed in connection with building or infrastructure construction, alteration, or demolition work, or the installation or removal of temporary structures or temporary construction installations, or the delivery or retrieval of materials, equipment, or other items to or from a building, but excluding work in industrial or commercial plants or yards. Such experience will be credited as satisfying the provisions of clause (A) of this subparagraph at a rate of 125 hours of operator experience equaling one month of experience.

Where the operator has in excess of 1,500 hours of qualifying experience, the remainder of the experience will be credited towards satisfying the second year of experience required by section 28-405.3 of the New York city administrative code at a rate of 125 hours of operator experience equaling one month of experience. Proof of such experience shall be documented in the form of an affidavit provided by the department and signed by the applicant and the applicant's employer or union. However, the department may decline to credit such experience to any individual who defaulted on or has been found liable for unsafe operation of a crane or telehandler after proceedings before the environmental control board or in an adjudication in criminal court, if such default or judgment occurred within the five (5) years preceding such application. The department may also delay a determination under this exception for any applicant against whom there is an open violation for the unsafe operation of a crane or telehandler issued within the five (5) years preceding such application. Applicants subject to this exception may be asked by the department to submit proof, in addition to the affidavit described above, in support of their operating record.

**Table 1: Specific experience requirements for HMO C and limited license applicants**

<b><u>License Type</u></b>	<b><u>Required one (1) year of experience in NYC</u></b>
<u>Class C license</u>	<u>Wheel mounted cranes, other than telehandlers, with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 200 feet (60.96 m) in length and with a manufacturer's rated capacity in excess of 3 tons (2.72 t).</u>
<u>Limited license for articulating boom cranes</u>	<u>An articulating boom crane, including jibs and any other extensions to the boom, not exceeding 200 feet (60.96 m) in length and with a manufacturer's rated capacity in excess of 1 ton (0.91 t) attached to a commercial truck chassis.</u>
<u>Limited license for boom trucks</u>	<u>Boom trucks with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 200 feet (60.96 m) in length and with a manufacturer's rated capacity in excess of 3 tons (2.72 t).</u>
<u>Limited license for mini cranes</u>	<u>Mobile cranes, other than boom trucks or telehandlers, with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 50 feet (15.240 m) in length and with a manufacturer's rated capacity of 3 tons (2.72 t) or less.</u>



<u>Limited license for sign hanging cranes</u>	<u>Boom trucks with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 135 feet (41.148 m) in length and with a manufacturer's rated capacity of 3 tons (2.72 t) or less, used exclusively for the erection, maintenance, or removal of signs.</u>
<u>Limited license for telehandlers</u>	<u>Wheel mounted rotating telehandlers with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 200 feet (60.96 m) in length and with a manufacturer's rated capacity in excess of 3 tons (2.72 t).</u>

**(iii) Limited license alternate pathway.** Individuals who submit an application for a Limited Hoisting Machine Operator license for articulating boom cranes, mini cranes, or telehandlers on or before November 6, 2024, may, in lieu of the requirements set forth in subparagraph (ii) of this paragraph, provide proof in the form of an affidavit provided by the department and signed by the applicant and the applicant's employer or union, attesting that the applicant:

(A) for a limited license for articulating boom cranes has obtained 1,500 hours of experience on or after January 1, 2019, operating, in New York City, articulating boom cranes attached to a commercial truck chassis, with the operation performed in connection with building or infrastructure construction, alteration, or demolition work, or the installation or removal of temporary structures or temporary construction installations, or the delivery or retrieval of materials, equipment, or other items to or from a building; but excluding work in industrial or commercial plants or yards;

(B) for a limited license for mini cranes, has obtained 1,500 hours of experience on or after January 1, 2019, operating, in New York City, mobile cranes, other than boom trucks or telehandlers, with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 50 feet (15.24 m) in length with a manufacturer's rated capacity of 3 tons (2.72 t) or less, with the operation performed in connection with building or infrastructure construction, alteration, or demolition work, or the installation or removal of temporary structures or temporary construction installations, or the delivery or retrieval of materials, equipment, or other items to or from a building; but excluding work in industrial or commercial plants or yards; or

(C) for a limited license for a telehandler, has obtained 1,500 hours of experience on or after January 1, 2019, operating, in New York City, rotating telehandlers, with the operation performed in connection with building or infrastructure construction, alteration, or demolition work, or the installation or removal of temporary structures or temporary construction installations, or the delivery or

retrieval of materials, equipment, or other items to or from a building; but excluding work in industrial or commercial plants or yards.

**Exception:** The department may decline to issue a Limited Hoisting Machine Operator pursuant to this subparagraph to any individual who defaulted on or has been found liable for unsafe operation of a crane or telehandler after proceedings before the environmental control board or in an adjudication in criminal court, if such default or judgment occurred within the five (5) years preceding such application. The department may also delay a determination under this subparagraph for any applicant against whom there is an open violation for the unsafe operation of a crane or telehandler issued within the five (5) years preceding such application. Applicants subject to this exception may be asked by the department to submit proof, in addition to the affidavit described above, in support of their operating record.

§ 3. Paragraph (5) of subdivision (a) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

(5) **Outrigger setup.** For a Class A, [or] Class C, or Limited Hoisting Machine Operator license, the qualifying experience as specified in subparagraphs (i) and (ii) of paragraph (4) of this subdivision shall include outrigger placement incorporating at least one hundred (100) crane set-ups. In no case shall qualifying set-ups be obtained on a crane that has a boom, including jibs and any other extensions to the boom, exceeding 200 feet (60.96 m) in length, unless the boom and all its attachments are fully retracted or stowed according to the manufacturer's specifications. Such set-ups must occur at a jobsite, crane yard, training center, or other location acceptable to the commissioner, and must be witnessed by a New York City licensed Hoisting Machine Operator. However, the witnessing licensee may only witness outrigger placement on equipment which their New York City license authorizes them to operate.

(i) **Class A license applicants.** For a Class A Hoisting Machine Operator license, at least 25 of the set-ups must have occurred on [machinery for which a Class A license is required] mobile cranes with a manufacturer's rated capacity in excess of 50 tons (45.36 t). Where an applicant for a Class A Hoisting Machine Operator license already possesses a Class C Hoisting Machine Operator license, the requirement for the remaining 75 set-ups [on non Class A machinery] is waived.

(ii) **Class C license applicants.** For a Class C Hoisting Machine Operator license, at least 25 of the set-ups must have occurred on the type of machinery specified Table 1 for the Class C license. Where an applicant for a Class C Hoisting Machine Operator license already possesses a Limited Hoisting Machine Operator license, the requirement for the remaining 75 set-ups is waived.

(iii) **Limited license applicants.** For a Limited Hoisting Machine Operator license, at least 25 of the set-ups must have occurred on the type of machinery specified Table 1 for the type of limited license sought. Where an applicant for a Limited Hoisting Machine

Operator license already possesses a different Limited Hoisting Machine Operator license, the requirement for the remaining 75 set-ups is waived.

§ 4. Subdivision (b) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

**(b) Fitness requirements for renewal [and reinstatement].** As a condition of license renewal [or reinstatement], a licensed or previously licensed Hoisting Machine Operator shall provide evidence of fitness to perform the work authorized to be performed by a holder of the license held or once held by the applicant. Such evidence shall consist of:

**(1) Physical Fitness.** Evidence on a form prescribed by the Commissioner that the licensee meets the physical qualifications of section 5-3.1.2(a) of ASME B [30.5-2014] 30.5-2021, and has passed a physical exam and a substance abuse test to verify such physical qualification. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

\* \* \*

§ 5. Subdivision (c) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

**(c) [Reserved.] Additional limited hosting machine operator licenses.** The following additional Limited Hoisting Machine Operator licenses are hereby established.

**(1) Limited license for telehandlers.** Limited license to operate wheel mounted telehandlers (non-rotating (“fixed”) or rotating) with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 200 feet (60.96 m) in length with a manufacturer’s rated capacity of 50 tons (45.36 t) or less.

§ 6. Subdivision (d) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

**(d) Certifications for a hoisting machine operator license.** Where a certification for the operation of a type of hoisting machine has been established by Table [1] 2 of this subdivision, no licensed hoisting machine operator may operate such type of machinery until the licensee possesses a certification for that type of hoisting machine and such certification has been listed on the hoisting machine operator’s license by the department.

**Exception:** The licensee is operating the hoisting machine as a learner in accordance with section 104-23 of these rules.

**(1) Certifications to be acceptable and accredited.** The certification must be acceptable to the commissioner and be issued by a hoisting machine operator certification program that is accredited by the National Commission for Certifying Agencies (NCCA) or the

American National Standards Institute (ANSI) for the specific type of hoisting machine to be operated.

- (2) **Licensee to inform department of changes to certification.** The licensed hoisting machine operator must immediately notify the department if a certification identified in Table [1] 2 of this subdivision and held by the licensee is suspended, revoked, not renewed, or otherwise lapses. The licensed hoisting machine operator must provide a copy of re-certifications and new certifications identified in Table [1] 2 of this subdivision to the department within 30 days.
- (3) **Friction cranes or derricks.** No person who holds a Class A or Class C hoisting machine operator license may operate a friction crane or a friction derrick, or supervise the operation of a learner on a friction crane or a friction derrick, until the licensee has passed at least one of the practical certification exams listed in Table [1] 2 on a friction crane, and such authorization to operate a friction crane or a friction derrick has been listed on the hoisting machine operator's license by the department. For a Hoisting Machine Operator Class B applicant, one of the practical certification exams must, in accordance with the requirements of Table [1] 2 of this subdivision, be on a friction crane. In addition, no person who holds a Limited Hoisting Machine Operator License may operate a friction crane or friction derrick, or supervise the operation of a learner on a friction crane or a friction derrick.
- (4) **Derricks.** No licensed hoisting machine operator may operate a derrick, or supervise the operation of a learner on a derrick, unless the licensee possesses a tower crane certification, and such certification has been listed on the hoisting machine operator's license by the department.

[Table 1: Certifications by licensing class]

[Certification name]	[Hoisting machine operator licensing class]				
	[A]	B	C1	C2	C3]
[Fix cab telescopic boom mobile crane <sup>1</sup>	Required	Required	Required		
Swing cab telescopic boom mobile crane	Required	Required	Required		
Lattice boom truck crane <sup>2</sup>	Required	Required			
Lattice boom crawler crane <sup>2</sup>	Required	Required			
Articulating boom mobile crane <sup>3</sup>	Additional	Additional	Additional		

Dedicated pile driver	Additional	Additional	Additional		
Boom truck <sup>1</sup>				Required <sup>4</sup>	Required <sup>4</sup>
Tower crane	Additional	Required			]

**Table 2: Certifications by licensing class<sup>1</sup>**

<b><u>Certification</u></b>	<b><u>Hoisting machine operator licensing class</u></b>		
	<b><u>A</u></b>	<b><u>B</u></b>	<b><u>C</u></b>
<u>NCCCO Telescopic Boom Crane - Fixed Cab</u>	<u>Required</u>	<u>Required</u>	<u>Required</u>
<u>NCCCO Telescopic Boom Crane - Swing Cab</u>	<u>Required</u>	<u>Required</u>	<u>Required</u>
<u>NCCCO Lattice Boom Crane<sup>2</sup></u>	<u>Required</u>	<u>Required</u>	
<u>NCCCO Tower Crane</u>	<u>Additional</u>	<u>Required</u>	
<u>NCCCO Articulating Boom Crane</u> <u>- or -</u> <u>NCCCO Boom Crane w/Winch</u> <u>- or -</u> <u>NCCCO Articulating Boom Loader<sup>3</sup></u>	<u>Additional</u>	<u>Additional</u>	<u>Additional</u>
<u>NCCCO Dedicated Pile Driver</u>	<u>Additional</u>	<u>Additional</u>	<u>Additional</u>
<u>NCCCO Rotating Telehandler<sup>4</sup></u>	<u>Additional</u>	<u>Additional</u>	<u>Additional</u>

**Table 2 (cont.): Certifications by licensing class<sup>1</sup>**

<b><u>Certification</u></b>	<b><u>Hoisting machine operator licensing class</u></b>				
	<b><u>Limited articulating boom crane</u></b>	<b><u>Limited boom truck</u></b>	<b><u>Limited mini crane</u></b>	<b><u>Limited sign hanger</u></b>	<b><u>Limited telehandler</u></b>
<u>NCCCO Telescopic Boom Crane - Fixed Cab</u>		<u>Required<sup>5</sup></u>	<u>Required</u>	<u>Required<sup>5</sup></u>	
<u>NCCCO Telescopic Boom Crane - Swing Cab</u>					
<u>NCCCO Lattice Boom Crane<sup>2</sup></u>					

<u>NCCCO Tower Crane</u>					
<u>NCCCO Articulating Boom Crane</u> - or - <u>NCCCO Boom Crane w/Winch</u> - or - <u>NCCCO Articulating Boom Loader<sup>3</sup></u>	<u>Required</u>	<u>Additional</u>	<u>Additional</u>	<u>Additional</u>	
<u>NCCCO Dedicated Pile Driver</u>					
<u>NCCCO Rotating Telehandler<sup>4</sup></u>		<u>Additional</u>			<u>Required</u>

**Legend to Table [1] 2:**

- “NCCCO” means “National Commission for the Certification of Crane Operators.”
- “Required” means must possess.
- “Additional” means not mandated, but required if licensee intends to operate listed type of hoisting machinery.
- Blank indicates not authorized for the class of license[, except where otherwise indicated by footnote 1].

**Footnotes to Table [1] 2:**

- <sup>1</sup> [Individuals who hold a “Fix cab telescopic boom mobile crane” certification can also operate “boom trucks” and do not need a separate certification.] Individuals may only operate equipment within the scope of their license, even if a certification authorizes operation of a broader class of equipment.
- <sup>2</sup> For a Hoisting Machine Operator Class B applicant, the practical certification exam for [either] the lattice boom [truck] crane [or the lattice boom crawler crane] must be on a friction crane.
- <sup>3</sup> [The certification exam must include a component on the operation of an articulating boom crane with a winch.] Individuals are not permitted to operate machinery exceeding the scope of their certification, even if such machinery is within the scope of their license.
- <sup>4</sup> Individuals who hold a “Rotating Telehandler” certification are authorized to operate a non-rotating (“fixed”) telehandler and need not separately hold a “Fixed Telehandler” certification.
- <sup>5</sup> Licensees who prior to the effective date of this [section] subdivision hold a certification for a [“Fix cab telescopic boom mobile crane”] “Boom truck” must provide a certification for [“Boom truck”] “NCCCO Telescopic Boom Crane - Fixed Cab” upon renewal [or reinstatement] of their license.

§ 7. Subdivision (e) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (e) **Additional requirements.** The provisions of this rule shall be in addition to the qualification[,] and renewal [and reinstatement] requirements prescribed by articles 401 and 405 of title 28 of the Administrative Code.

§ 8. Section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended by adding a new subdivision (i) to read as follows:

- (i) Multiple limited licenses.** An individual may possess multiple Limited Hoisting Machine Operator licenses.

§ 9. The definition of “hoisting machine” in subdivision (b) of section 104-23 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

Hoisting machine. See Section [3302.1] 202 of the New York city building code.

\* \* \*

§ 10. Paragraph (6) of subdivision (c) of section 104-23 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (6) Meet the physical qualifications of section 5-3.1.2(a) of ASME B [30.5-2014] 30.5-2021, as verified by passing a physical exam and a substance abuse test.

§ 11. Subdivision (l) of section 104-23 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (l) **Type, size, and capacity of hoisting machine operated by learner to be within scope of license sought.** The learner may only operate hoisting machinery that is authorized by the scope of the license sought. Only a person who possesses a Class A hoisting machine operator license may operate as a learner on hoisting machinery that is authorized to be operated only by a Class B hoisting machine operator; except that only individuals who hold a Class B hoisting machine operator license with the appropriate rating may operate in New York City hoisting machinery that requires a rating in accordance with Section 28-405.2 of the New York city administrative code. Nothing in this section prohibits an individual who began training to obtain a Class C hoisting machine operator license from pursuing a Class A hoisting machine operator license instead and from operating Class A machinery as a trainee in accordance with the provisions of this section. Nothing in this section prohibits an individual who began training to obtain a limited hoisting machine operator license from pursuing a Class C or Class A hoisting machine operator license and from operating Class C or Class A machinery as a trainee in accordance with the provisions of this section.

§ 12. Paragraph (1) of subdivision (i) of section 3319-01 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

**(i) Personnel.**

**(1) Operators.** Operators of cranes and derricks must be licensed in accordance with Article 405 of chapter 4 of Title 28 of the Administrative Code.

**Exceptions:**

1. Operators exempted by Article 405 of chapter 4 of Title 28 of the Administrative Code.
2. Operators of equipment exempted by [Section 3319] Sections 3316.1 or 3319.1 of the New York City Building Code. This includes but is not limited to rotating telehandlers when configured as excavating or earth-moving equipment, drilling equipment, demolition grapplers, or aerial work platforms, provided all the conditions and restrictions in the applicable exemption are met. A rotating telehandler equipped with forks is not considered to be a powered industrial truck (forklift).
3. Learners in the presence of and under the direct supervision of a licensed operator in accordance with section 104-23 of these rules.
4. Operators of cranes described in exceptions 3 and 4 of Section 3319.3 of the New York City Building Code, provided the crane is used in connection with the installation or maintenance of street lighting or public utility overhead power distribution systems.
5. [Operators] On or before November 6, 2024, operators of a mobile crane that has a boom length of 135 feet (41.15 m) or less, and that is utilized at the site to exclusively to:
  - 5.1. Install, adjust, maintain, repair, or remove a sidewalk shed; or
  - 5.2. Install or dismantle the initial level of a single or dual cab hoist, provided:
    - 5.2.1. Such installation or dismantling is limited to the hoist cars, counterweights, and initial mast sections needed for the car;
    - 5.2.2. Car or motor components to be hoisted are equipped with lifting lugs; and
    - 5.2.3. No object is hoisted more than 20 feet (6.1 m) above the bed of the delivery truck during such installation or dismantling operation.



6. Operators of dedicated pile drivers, provided that[, beginning January 1, 2019,] such operator possesses a valid certification for the operation of the pile driver issued by an organization acceptable to the commissioner and accredited by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI).
7. On or before [January 1, 2022] November 6, 2024, operators of mobile cranes with telescoping or hydraulic booms, including jibs and any other extensions to the boom, not exceeding 50 feet (15.24 m) in length with a manufacturer's rated capacity of 3 tons (2.72 t) or less, provided:
  - 7.1. The work does not meet the definition of a critical pick as set forth in section 3302.1 of the Building Code;
  - 7.2. The work is not related to steel erection; and
  - 7.3. The operator holds a valid certification for the operation of the crane, acceptable to the commissioner, issued by the manufacturer of the crane for the specific make and model of crane to be operated; or
  - 7.4. The operator holds a valid certification for the operation of a mini crane issued by an organization acceptable to the commissioner and accredited by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI).
8. On or before November 6, 2024, operators of articulating boom cranes that do not have an integral hoisting mechanism, and that are used exclusively for loading and unloading of trucks or trailers, provided that the length of boom does not exceed 135 feet (41.15 m) and that any material transported thereon shall not be raised more than 100 feet (30.48 m) in the unloading process.
9. On or before November 6, 2024, operators of telehandlers, provided the telehandler is not equipped with a hoisting mechanism.
10. Operators of wheel mounted non-rotating ("fixed") telehandlers with a telescoping boom, including jibs and any other extensions to the boom, not exceeding 200 feet (60.96 m) in length and with a manufacturer's rated capacity of 50 tons ( 45.36 t) or less, and not equipped with a hoisting mechanism. However, where such telehandler is configured with a hook, jib, concrete bucket, or a vacuum or magnetic lifting attachment, or otherwise moves a suspended load, the operator must possess on and after November 7, 2024 a certification from the National Commission for the Certification of Crane Operators ("NCCCO") for the operation of such telehandler.
11. Operators of mobile cranes described in exception number 3 of Section 3319.3 of the New York City Building Code, where such operators are employees of the New

York City Department of Environmental Protection (“DEP”) performing work in connection with DEP’s installation, maintenance, or removal of water or sewer infrastructure, and maintenance of stormwater infrastructure and coastal protection systems.

12. Operators who submitted an application for a Limited Hoisting Machine Operator license for an articulating boom crane, mini crane, or telehandler on or before November 6, 2024, may continue to operate equipment within the scope of the application until their application is processed and a decision made by the department to approve or deny such application.

**NEW YORK CITY DEPARTMENT OF BUILDINGS**

**NOTICE OF ADOPTION OF RULE**

*K. Chen*  
4/19/24

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to Sections 104-06 and 104-09 of Chapter 100 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding continuing education requirements and prerequisites for Class B Hoisting Machine Operator ratings. This rule was first published on January 30, 2024, and a public hearing thereon was held on February 29, 2024.

Dated: \_\_\_\_\_

*4/19/2024*  
New York, New York

*James S. Oddo*  
\_\_\_\_\_  
James S. Oddo  
Commissioner

### **Statement of Basis and Purpose of Rule**

The 2022 New York City Construction Codes amended some of the course requirements for licensees. Section 104-06 is amended to reflect those changes.

Specifically the amendments to section 104-06:

- Refer more generally to an 8-hour site safety course instead of the specific site safety coordinator or site safety manager course, which allows more flexibility in accepting courses for qualification.
- Create an 8-hour refresher course for lift director license renewals. This mirrors the requirement for other license renewals.
- Amend the Master Fire Suppression Piping Contractor and Master Plumber language to match the other licenses in referring to hours, not days, for the length of the course.
- Mirror changes made to section 28-404.3.1 by the 2022 Code revision to the course requirements for master rigger licensees by eliminating the specific master rigger renewal course and requiring licensees to complete the rigging supervisor and lift director refresher courses upon renewal.
- Mirror changes made to section 28-404.3.2 by the 2022 Code revision to the course requirements for special rigger licensees by requiring completion of the 16-hour suspended scaffold supervisor course upon renewal.
- The new requirements for master and special rigger license renewal courses go into effect beginning January 1, 2025 to allow those who may have already completed refresher courses in anticipation of a renewal in 2024 to proceed without needing a new course.

In response to comments received, language was added to paragraph (6) of subdivision (a) of Section 104-09 to allow applicants for a Limited Hoisting Machine Operator license for articulating boom cranes, mini cranes or telehandlers who submit an application on or before November 6, 2024 to take an 8-hour training course instead of a 40-hour course. Separate rulemaking to amend paragraph (4) of subdivision (a) of Section 104-09 will grandfather the experience of individuals who independently operate articulating boom cranes, mini cranes or telehandlers in New York City prior to November 7, 2024, provided the individual applies for a license by November 6, 2024. An 8-hour training course requirement will treat these individuals akin to existing licensees who are also independently operating in New York City today.

In addition, the amendments:

- Delete references to “climber crane” as the 2022 Code revision includes it as a subset of “tower crane.”
- Add references to course requirements in Chapter 33 of the Building Code to eliminate the need to specify the courses in the rule.
- Clarify that the course requirements are a minimum.
- Delete incorrect and obsolete language.

In addition, subdivision (h) of section 104-09 is amended to clarify that course and examination requirements for a Class B Licensed Hoisting Machine Operator rating must be completed within the one year prior to application. An obsolete date is deleted from that subdivision as well.

The Department of Buildings' authority for these rules is found in sections 643 and 1043 of the New York City Charter and Section 28-401.14 of the City Administrative Code.

New material is underlined.

[Deleted material is in brackets.]

Asterisks (\*\*\*) indicate unamended text.

“Shall” and “must” denote mandatory requirements and may be used interchangeably in the rules of this department, unless otherwise specified or unless the context clearly indicates otherwise.

**Section 1.** Paragraphs (6) through (10) of subdivision (a) of section 104-06 of subchapter D of chapter 100 of Title 1 of the Rules of the City of New York are renumbered paragraphs (7) through (11); a new paragraph (6) is added; and paragraph (9), as renumbered by this section, is amended, to read as follows:

(a) **Applicability.** This section shall be applicable to license holders seeking renewal of licenses requiring the completion of continuing education course(s) and to applicants seeking Department approval to provide continuing education courses for the following license types:

\*\*\*

(6) Lift Director

\*\*\*

(9) Rigger (Master/Special/[Climber or] Tower Crane)

**§2.** Subdivision (b) of section 104-06 of subchapter D of chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

(b) **Course requirements for license renewals.** The following courses are required for renewal of the below listed license types:

- (1) Concrete Safety Manager. During the one (1) year immediately prior to renewal, the licensee [shall] must have successfully completed [an eight- (8) hour] a Department-approved course that is [sufficient to qualify the individual as a competent person under OSHA standards to oversee] at least eight (8) hours in length in concrete operations[, or any equivalent course(s) approved by the Commissioner, including those in electronic format].
- (2) Construction Superintendent. During the one (1) year immediately prior to renewal, the licensee must have successfully completed [an eight- (8) hour Site Safety Coordinator course approved by the Department or any equivalent course(s) approved by the Department, including those in electronic format] a Department-

- approved course that is at least eight (8) hours in length, covering the site safety provisions of Chapter 33 of the New York city building code and related rules and regulations, as well as relevant safety precautions.
- (3) Electrician (Master/Special). During the one (1) year immediately prior to renewal, the licensee must have successfully completed a Department-approved course [approved by the Department of] that is at least eight (8) hours in length, [which must focus on] covering the New York City Electrical Code and other requirements pursuant to section 105-03 of subchapter E of this chapter.
  - (4) Filing Representative. Renewals for class 1 or class 2 filing representative registration are subject to the requirements set forth in 1 RCNY 104-24.
  - (5) Hoisting Machine Operator. [Beginning July 1, 2015, during] During the one (1) year immediately prior to renewal, the licensee must have successfully completed a Department-approved course that is at least eight[-] (8) [hour course] hours in length covering those provisions of the administrative code and regulations that are unique to New York City for the operation of a hoisting machine and the unique hazards of operating a hoisting machine within New York City.
  - (6) Lift Director. During the one (1) year immediately prior to renewal, the licensee must have successfully completed a Department-approved course that is at least eight (8) hours in length covering the lift direction provisions of Chapter 33 of the New York city building code and related rules and regulations, as well as relevant safety precautions.
  - (7) Master Fire Suppression Piping Contractor and Master Plumber. During the one (1) year immediately prior to renewal, the licensee [shall] must have successfully completed a [one- (1) day (seven- (7) hour) continuing education] Department-approved course [approved by the Department] that is at least seven (7) hours in length.
  - [(7)](8) Master Rigger. During the one (1) year immediately prior to renewal, the licensee [shall] must have successfully completed [a Department-approved eight- (8) hour re-certification course including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to] both:
    - (i) [Rigging methods, hardware, and equipment;] A Department-approved rigging supervisor course that is at least sixteen (16) hours in length and meets the requirements of Section 3316.9.2 of the New York city building code; and
    - (ii) [Hoisting machines, including cranes and derricks;] A Department-approved lift director course that is at least eight (8) hours in length covering the lift direction provisions of Chapter 33 of the New York city building code and related rules and regulations, as well as relevant safety precautions.
    - [(iii) Climber/tower crane assembly, jumping, and disassembly;
    - (iv) Suspended scaffolds;
    - (v) Critical picks; and
    - (vi) Fall hazards and fall protection.
  - (8)](9) Special Rigger. During the one (1) year immediately prior to renewal, the licensee [shall] must have successfully completed [a Department-approved eight- (8) hour

re-certification course including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to] both:

- (i) [Rigging methods, hardware, and equipment;] A Department-approved suspended scaffold supervisor course that is at least eight (8) hours in length and meets the requirements of Section 3314.4.5.3 of the New York city building code; and
  - (ii) [Hoisting machines with a manufacturer's rated capacity of one ton or less;] A Department-approved course that is at least eight (8) hours in length covering hoisting equipment, other than suspended scaffolds, utilized in the special rigger industry.
  - [(iii) Suspended scaffolds;
  - (iv) Critical picks; and
  - (v) Fall hazards and fall protection.
- (9)](10) [Climber or] Tower Crane Rigger. During the one (1) year immediately prior to renewal, the licensee [shall] must have successfully completed a Department-approved tower crane rigging course that is at least eight (8) [hour re-certification course including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:] hours in length and meets the requirements of Section 3319.10.1 of the New York city building code.
- [(i) Climber/tower crane assembly, jumping, and disassembly; and
  - (ii) Fall hazards and fall protection.
- (10)](11) Site Safety Coordinator. During the one (1) year immediately prior to renewal, the licensee must have successfully completed [an eight- (8) hour Site Safety Manager refresher course approved by the Department] a Department-approved course that is at least eight (8) hours in length covering the site safety provisions of Chapter 33 of the New York city building code and related rules and regulations, as well as relevant safety precautions.
- [(11)](12) Site Safety Manager. During the one (1) year immediately prior to renewal, the licensee must have successfully completed [an eight- (8) hour Site Safety Manager refresher course approved by the Department] a Department-approved course that is at least eight (8) hours in length covering the site safety provisions of Chapter 33 of the New York city building code and related rules and regulations, as well as relevant safety precautions.

**§3.** Paragraph (6) of subdivision (a) of section 104-09 of subchapter D of chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (6) Additional qualification requirements. In addition to the qualification requirements set forth in the Administrative Code and in this subdivision (a), all Hoisting Machine Operator license applicants [shall] must, during the one (1) year immediately prior to application, complete a [forty- (40) hour] training course that is at least forty (40) hours in length, approved by the Department, covering those provisions of local law and regulation that are unique to New York City for the

operation of a hoisting machine and the unique hazards of operating a hoisting machine within New York City.

Exception: Individuals who submit an application for a Limited Hoisting Machine Operator license for articulating boom cranes, mini cranes, or telehandlers on or before November 6, 2024, need only complete a training course that is at least eight (8) hours in length, approved by the Department, covering those provisions of local law and regulation that are unique to New York City for the operation of a hoisting machine and the unique hazards of operating a hoisting machine within New York City. Such course must have been completed during the two (2) years immediately prior to application.

**§4.** The introductory paragraph of paragraph (1) of subdivision (h) of section 104-09 of subchapter D of chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (1) Prerequisites to obtain rating. To apply for a rating the Class B Licensed Hoisting Machine Operator must demonstrate to the satisfaction of the Commissioner that he or she has successfully completed, during the one (1) year immediately prior to the application to add such rating, for the make and model of hoisting machine for which the rating is sought, the following:

**§5.** Paragraph (3) of subdivision (h) of section 104-09 of subchapter D of chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (3) Renewal of ratings. [Beginning July 1, 2019, ratings must be] Ratings expire at the same time as the underlying Class B Hoisting Machine Operator license unless they are renewed at the same time the underlying [hoisting machine operator] license is renewed. A rating will be considered to be renewed if the licensee demonstrates to the satisfaction of the Commissioner that he or she has successfully complied, during the preceding term of the license, with the course and examination requirements of paragraph (1) of this subdivision, or as applicable, with paragraph (2) of this subdivision.

**§6.** Paragraphs (8) and (9) of subdivision (b) of section 104-06 of subchapter D of chapter 100 of Title 1 of the Rules of the City of New York, as amended by section 2 of this rule, take effect January 1, 2025.



## NOTICE OF ADOPTION OF RULE

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to sections 104-09 and 104-23 of Subchapter D of Chapter 1 and sections 3316-01 and 3319-01 of Chapter 3300 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding technical cleanup amendments to rules governing the licensing of hoisting machine operators and the rules governing cranes and derricks, adding language on peer review of cranes and amending the rule regarding rigging operations.

This rule was published in the City Record on March 2, 2020 and a virtual public hearing was held on June 4, 2020.

Dated: June 16, 2020  
New York, New York

  
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Melanie E. La Rocca  
Commissioner

## **Statement of Basis and Purpose of Rule**

The amendments:

- Make technical cleanups to rules governing the licensing of hoisting machine operators, as follows:
  - Sections 1 and 4 of the amendments correct a logical inconsistency in sections 104-09 and 104-23 of chapter 100 of Title 1 of the Rules of the City of New York. The amendments prevent a misinterpretation that would prohibit some applying credits obtained on larger machinery towards obtaining more limited licenses.
    - Article 405 of Title 28 of the New York City Administrative Code does not establish pre-requisite licensing in order to obtain a Class A or a Class C Hoisting Machine Operator license.
    - Only people applying for a Class B Hoisting Machine Operator license must first be licensed as a Class A Hoisting Machine Operator.
    - Individuals who originally intended to get a Class A license but ultimately choose to apply for a Class C license have previously been allowed to credit experience obtained on larger Class A machinery in applying for the more limited Class C license.
    - Similarly, individuals who originally intended to obtain a Class C license but ultimately choose to train on larger Class A machinery and apply for a Class A license have not been required to first obtain a Class C license.
  - Sections 2 and 3 of the amendments remove a distinction between a certification for a tower crane and a self-erecting tower crane. This amendment mirrors current national crane certifications, which do not distinguish between tower cranes and self-erecting tower cranes.
- Include additional rigging best practices (Sections 5 and 6).
- Make technical cleanups to rules governing cranes and derricks, as follows:
  - Section 8 of the amendments require additional engineering information to be submitted to the department for tower crane prototype review; these values were inadvertently left out of the current rules.
  - Section 9 corrects terminology related to a “phase” or “jump.”
  - Section 10 clarifies that a licensed master or tower crane rigger can witness a tower crane load test.
  - Section 12 clarifies that cranes or derricks that are used under the supervision of a master rigger must maintain the same jobsite logs as a crane that requires a certificate of on-site inspection.
  - Section 13 clarifies the title and scope of a particular section of the rule.

- Codify requirements contained in Buildings Bulletin 2019-005 regarding peer review for cranes and derricks in Sections 7 and 11. The department requires certain cranes or derricks with complex or out of the ordinary loading, load paths, configurations, operations, or site conditions, or whose setup requires coordination among city agencies to be subject to a peer review. During a peer review, an independent New York State professional engineer reviews the application submitted by the crane or derrick notice engineer and provides an additional verification that the crane or derrick design indicated on the submitted crane or derrick notice application is in general conformance with New York City Codes, rules, and regulations for cranes and derricks. This rule provides uniform requirements for crane and derrick peer reviewers and crane and derrick peer reviews.

The Department of Buildings' authority for these rules is found in sections 643 and 1043 of the New York City Charter, section 28-104.7.11 of Chapter 1 and Article 405 of Chapter 4 of the City Administrative Code and sections BC 3316 and BC 3319 of the New York City Building Code.

New material is underlined.

[Deleted material is in brackets.]

Section 1. Subparagraph (ii) of paragraph (4) of subdivision (a) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (ii) Class C license applicants. An applicant for a Class C Hoisting Machine Operator license must provide proof demonstrating that the two (2) years of experience required by Section 28-405.3 of the New York city administrative code was acquired operating hoisting machines under the supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction within the United States that regulates crane operators. The experience must have been obtained on hoisting machines of a type, size, and capacity authorized to be operated by the Class C Hoisting Machine Operator license sought; however, nothing in this section prohibits an individual from crediting experience obtained on Class A machinery in accordance with the provisions of section 104-23 of these rules towards obtaining the Class C license. At least one (1) year of the experience must have been undertaken in the City of New York or in an urban area of comparable density within the United States, as determined by the Commissioner, and, for applications for a Class C1 Hoisting Machine Operator license submitted on or after July 1, 2019, have been in the operation of wheel mounted cranes with a manufacturer's rated capacity in excess of 3 tons (2.72 t).

§2. Paragraph (4) of subdivision (d) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (4) Derricks. No licensed hoisting machine operator may operate a derrick, or supervise the operation of a learner on a derrick, unless the licensee possesses a tower crane certification [(not self-erecting)], and such certification has been listed on the hoisting machine operator's license by the department.

§3. Table 1 of subdivision (d) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to delete the row entitled "Self-erecting tower crane" and to delete footnotes 3 and 4, renumber footnote 5 as footnote 3, and renumber footnote 6 as footnote 4.

§4. Subdivision (l) of section 104-23 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (l) Type, size, and capacity of hoisting machine operated by learner to be within scope of license sought. The learner may only operate hoisting machinery that is authorized by the scope of the license sought. Only a person who possesses a Class A hoisting machine operator license may operate as a learner on hoisting machinery that is authorized to be operated only by a Class B hoisting machine operator. Nothing in this section prohibits an individual who began training to obtain a Class C hoisting machine operator license from pursuing a Class A hoisting machine operator license instead and from operating Class A machinery as a trainee in accordance with the provisions of this section.

§5. Subdivision (d) of section 3316-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended to add a new paragraph (6) to read as follows:

- (6) Trimming and balancing loads.** Loads must be securely slung and balanced before they are set in motion. Loads must be trimmed to prevent the dislodgment of any part during raising, lowering, swinging, or transit.

§6. Subdivision (d) of section 3316-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended to add a new paragraph (7) to read as follows:

- (7) Load suspended beneath another load ("Christmas treeing") prohibited.** No load may be suspended directly beneath an existing load.

§7. Subdivision (b) of section 3319-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended by adding new definitions, in alphabetical order, as follows:

- INDEPENDENT (peer reviewer).** A person who does not engage in any activities that may conflict with their objective judgement or integrity, including but not limited to having a financial and/or other interest in the design, construction, installation, manufacturer, or maintenance of the crane or derrick they are reviewing.

**QUALIFIED (peer reviewer).** A New York State professional engineer who has the education, training, and experience required for the design of structures of a similar complexity and size as the crane or derrick notice application to be peer reviewed and to perform a complete review of the means, methods, and design proposed by the crane or derrick notice engineer.

§8. Clause (C) of subparagraph (iv) of paragraph (5) of subdivision (d) of section 3319-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (C) Contain the following information from the manufacturer for the given in-service, out-of-service, and, where applicable, full, unreduced, design wind speed at the center of the tower:

- [1. The maximum moment;
- 2. The slewing moment; and
- 3. Corresponding vertical loads at the foundation.]

- 1. Wind load base shear.
- 2. Wind load overturning moment at the base.
- 3. Vertical loads at the base.
- 4. Overturning moment at the base center due to vertical loads.
- 5. Maximum tower and boom displacements due to wind.
- 6. The slewing moment.

§9. Subparagraph (ii) of paragraph (7) of subdivision (g) of section 3319-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (ii) **Continued validity of the certificate of on-site inspection for a phase or jump.** Where a crane or derrick project includes multiple phases or jumps, the continued validity of the certificate of on-site inspection is contingent upon the crane or derrick passing the inspection and tests required by subparagraphs (i) and (ii) of paragraph (8) below for each phase or jump. Upon successful passage of such inspections and tests, and submittal of the inspection report in accordance with subparagraph (iv) of paragraph (8) below, the certificate of on-site inspection is deemed to cover such phase or jump.

**Exception:** A phase does not include the relocation of a mobile crane to another location at the site, provided such relocation is indicated on the approved crane or derrick notice plans, and provided such relocation does not require the crane to be assembled or disassembled.

§10. Item number 5 of clause (D) of subparagraph (i) of paragraph (8) of subdivision (g) of section 3319-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

5. [For] A licensed master or tower crane rigger, or, for a derrick, a licensed master rigger[,] or a master rigging foreman.

§11. Subdivision (g) of section 3319-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended by adding a new paragraph (13) to read as follows:

**(13) Peer review.** Peer reviews for crane or derrick notice applications must be in accordance with the requirements of subparagraphs (i) through (xiii) below.

**(i) Peer review required.** A crane or derrick notice application is subject to a peer review when the crane or derrick notice application proposes any one of the following:

**(A)** The use of a mobile crane with a boom, including jibs and any other extensions to the boom, equal to or greater than 300 feet (91.44 m) in length.

**(B)** The use of a mobile crane in a configuration where the manufacturer requires, at a wind speed of 20 mph (32.19 kph) or less (sustained or gust):

1. The boom or boom/jib combination to be laid down;

2. The boom or boom/jib combination to be placed in a jackknife position; or

3. Other special protective measures to be implemented.

**(C)** The placement of a mobile crane with a maximum manufacturer rated capacity in excess of 10 tons (9.07 metric tons) on any elevation of a building above grade.

In addition, where other out of the ordinary or complex loading, load paths, configurations, operations, or site conditions exist, or where the crane application requires coordination among city agencies, the commissioner may require peer review.

**(ii) Peer reviewer.** The peer review must be performed by a qualified and independent New York State professional engineer who has been retained by or on behalf of the equipment user.

**(A) Peer reviewer to be acceptable to crane or derrick notice engineer.** The peer reviewer's qualifications must be acceptable to the crane or derrick notice engineer.

**(B) Department reserves right to reject peer reviewer.** The department reserves the right to reject a peer reviewer on the grounds of lack of qualification or independence.

- (iii) **Responsibility of crane or derrick notice engineer.** The crane or derrick notice engineer retains sole responsibility for the crane or derrick design indicated on the submitted crane or derrick notice application. The activities and reports of the peer reviewer do not relieve the crane or derrick notice engineer of any responsibility for the crane or derrick design indicated on the submitted crane or derrick application.
- (iv) **Standard of care for of peer reviewer.** The standard of care to which the peer reviewer must be held in the performance of the peer review and report must be equal to the level of skill and care required to prepare and submit the crane or derrick notice application.
- (v) **Scope of the peer review.** The peer reviewer must perform an independent review and analysis of the crane or derrick design indicated on the submitted crane or derrick notice application to confirm the design is in general conformance with New York City Codes, rules, and regulations for cranes and derricks. The review and analysis to determine general conformance shall include but not be limited to the following:
- (A) Confirm that drawings are complete, existing conditions and base building construction loading have been accurately represented on the drawings, and that any structures including, but not limited to, vaults, adjacent buildings, overhead wires, transit structures, and utilities are accurately represented on the drawings.
  - (B) Confirm that approved load charts have been included and maximum picks represented correctly.
  - (C) Where applicable, review the project's geotechnical report design recommendations and inspection reports to determine that appropriate design criteria for dunnage or foundations has been utilized. If no design criteria have been specified on the crane or derrick notice application design drawings, the peer reviewer must state any assumptions or criteria utilized in the analysis of the crane or derrick notice application design.
  - (D) Confirm the assembly/disassembly plan is complete, specific to the configurations shown in the crane or derrick notice application, and able to be fully implemented based upon site conditions.
  - (E) Confirm the wind action plan is complete, specific to the configurations shown in the crane or derrick notice application, and able to be fully implemented based upon site conditions.
  - (F) Where applicable, confirm that complete pre-operational test procedures, including load test procedures, are included.

- (G) Confirm that the crane or derrick has a complete load path into the base building structure or ground.
  - (H) Perform independent calculations for all structural members, connections and systems included in the load path determined in item vii above and verify the foundation and structural elements' ability to support the crane or derrick loads.
  - (I) Other items required by the commissioner.
- (vi) Design criteria and assumptions not shown.** If the design criteria and design assumptions are not shown on the crane or derrick notice application drawings or in the computations, the crane or derrick notice engineer must provide a statement of these criteria and assumptions to the peer reviewer. In addition, the crane or derrick notice engineer must provide other information and/or calculations if requested by the peer reviewer.
- (vii) Peer review report.** The peer reviewer must submit a report to the department stating his or her opinion regarding the design of the crane or derrick proposed in the crane or derrick notice application and detailing whether or not the crane or derrick design indicated on the submitted crane or derrick notice application is in general conformance with New York City Codes, rules, and regulations for cranes and derricks. The determination of general conformance shall be based upon the review and analysis performed in accordance with subparagraph (v) of this paragraph.
- (A) Report contents.** The peer review report must, at a minimum, contain the following information:
1. Confirmation that the crane or derrick notice application:
    - A. Complies with each of the items listed in subparagraph (v) of this paragraph.
    - B. All design loads and their combinations are adequate and compliant with New York City codes, rules, and regulations for cranes and derricks and specific project conditions.
    - C. The crane and its supporting elements can safely sustain the design loads.
  2. In the introduction to the peer review report, the peer reviewer must list his or her qualifications and include a statement that he or she is independent from the crane or derrick notice engineer.
  3. All calculations, specific conclusions and results of verification calculations performed by the peer reviewer.



4. A listing of all drawings and reports used in verification (including revision numbers and dates). Where the peer reviewer relied upon reports or data prepared by others, including but not limited reports by specialty consultants (e.g. geotechnical reports), or reports prepared by the crane or derrick manufacturer, the reliance must be disclosed in the peer review report. Such reports or data must be maintained by the peer reviewer for a minimum of six years after the date of project completion, and must be provided to the department upon request.

**(B) Conclusions.** The peer review report must provide a clear conclusion either:

1. Accepting that the crane or derrick design indicated on the submitted crane or derrick notice application is in general conformance with New York City Codes, rules, and regulations for cranes and derricks; or
2. Rejecting the design.

**(C) Positive statements to be unequivocal.** Positive evaluations with conclusions that contain exceptions will not be accepted by the department.

**(D) Basis of report.** The peer review report must be based on and reference only the set of documents submitted to the department with the crane or derrick notice application; all drawings and the latest revision dates must be clearly enumerated in the peer review report.

**(E) Changes to be enumerated.** Peer review reports must enumerate the changes, if any, made by the crane or derrick notice engineer as a result of discussions following an initial structural peer review evaluation.

**(F) Cover statement.** The peer review report must include a cover letter provided by the department and completed by the peer reviewer.

**(G) Signed and sealed.** The peer review report and cover statement must be signed and sealed by the peer reviewer.

**(vii) Copy to be provided to equipment user.** The peer reviewer must provide a copy of submitted peer review reports and cover statements to the equipment user.

**(ix) Phased submission.** If the crane or derrick notice application is to be submitted in phases, the peer review and report must be phased. The crane or derrick notice engineer must provide the peer reviewer with

sufficient information to make a peer review of the phased submission. The phased peer review report submission must cover the documents submitted for that phase, and must be without any exclusion that would make the review incomplete.

- (x) Log of discussions.** The peer reviewer must keep a log of any discussions with the crane or derrick notice engineer. The log must be made available to the commissioner upon request.
- (xi) Modifications to the design.** Amendments to the crane or derrick notice application that include changes that substantially modify the basis of the peer review evaluation will not be approved by the department until an amended peer review report and cover statement is submitted to the department by the peer reviewer. The report must provide a statement of acceptance that the design indicated in the amended crane or derrick notice application is in general conformance with New York City codes, rules, and regulations for cranes and derricks. It is the responsibility of the crane or derrick notice engineer to clearly identify on the plans the changes that are substantial and to notify the peer reviewer of any such changes.
- (xii) Disputes.** When a dispute arises between the crane or derrick notice engineer and the peer reviewer regarding compliance with New York City Codes, rules, or regulations for cranes and derricks, and which cannot be resolved by the parties, the dispute must be reported to the department in the form of a letter from the crane or derrick notice engineer.
- (xiii) Changes in designated peer reviewer.** The peer reviewer cannot be changed without the express consent of the department. The current peer reviewer must submit a written request for withdrawal to the department detailing the reason for the withdrawal request and a report of the peer review findings to date.

§12. Subdivision (h) of section 3319-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

**(h) Crane or derrick log.** For a crane or derrick that requires a certificate of on-site inspection, or that is used under the direct and continuing supervision of a licensed master rigger, the equipment user must maintain, for the duration of the job, a crane or derrick log. The log may be maintained in an electronic format acceptable to the commissioner. The log must, at a minimum, contain the following information:

§13. Clause (A) of subparagraph (i) of paragraph (1) of subdivision (k) of section 3319-01 of chapter 3300 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (A) [Mobile cranes, other than an articulating boom crane, and dedicated pile drivers.] Mobile cranes and dedicated pile**


**drivers, other than articulating boom cranes.** [For a mobile crane, other than an articulating boom crane, and for dedicated pile drivers] For mobile cranes and dedicated pile drivers, other than articulating boom cranes:

## NOTICE OF ADOPTION OF RULE

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to Section 104-09 of Chapter 100 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding the physical fitness, experience, and national certification requirements for licensed hoisting machine operators.

This rule was first published on February 5, 2018 and a public hearing thereon was held on March 12, 2018.

Dated: 3.28.18  
New York, New York

  
Rick D. Chandler, P.E.  
Commissioner

### **Statement of Basis and Purpose of Rule**

1 RCNY 104-09 establishes licensing criteria for hoisting machine operators, including relating to physical fitness, experience, and national certification.

The amendments:

- Update the physical fitness requirements to conform to the latest requirements in ASME B 30.5-2014
- Consolidate existing national certification requirements into a new subdivision (d). 1 RCNY 104-09 currently requires Class A and C licensed hoisting machine operators to possess “one or more” certifications, and requires Class B licensed hoisting machine operators to possess “all” certifications. In the years since 1 RCNY 104-09 was first promulgated, the number of available national certifications has increased
- Provide further specificity (in subdivision (d)) as to exactly which certifications are required for each licensing class
- Add language regarding derricks, for which no national certification is currently available
- Specify that applicants for a Class A or Class C hoisting machine operator license must obtain experience on specific relevant types of machinery
- Incorporate a recent New York State Supreme Court ruling in *Christian v. City et al.* that Class A experience must be obtained within New York City
- Clarify that experience for a Class A hoisting machine operator license must have been obtained under the supervision of a Class A or Class B licensed hoisting machine operator
- Make editorial clarifications throughout the document

The Department of Buildings’ authority for these rules is found in sections 643 and 1043 of the New York City Charter and section 28-401.14 and article 405 of chapter 4 of title 28 of the New York City Administrative Code.

New material is underlined.

[Deleted material is in brackets.]

“Shall” and “must” denote mandatory requirements and may be used interchangeably in the rules of this department, unless otherwise specified or unless the context clearly indicates otherwise.

Section 1. Subdivision (a) of section 104-09 of Title 1 of the Rules of the City of New York is amended to read as follows:

**§104-09 Hoisting Machine Operators.**

- (a) Qualifications. In addition to the qualification requirements set forth in the Administrative Code, an applicant for a [Class A, B or C] Hoisting Machine Operator license shall satisfy the following requirements:
  - (1) Driver's license. An applicant for a [Class A, B or C] Hoisting Machine Operator license shall possess a valid driver's license, without conditions or restrictions which the Department has determined may impact the safe operation of hoisting machinery, effective for the term of the Hoisting Machine Operator license sought.
  - (2) Physical fitness. An applicant for a [Class A, B or C] Hoisting Machine Operator license shall provide evidence on a form prescribed by the Commissioner that he or she [has passed a physical exam that complies with the standards of ASME B 30.5-2007, or the most recent version approved by the Department, and that he or she has complied with the substance abuse testing provisions and standards of ASME B 30.5-2007, or the most recent version approved by the Department] meets the physical qualifications of section 5-3.1.2(a) of ASME B 30.5-2014, and has passed a physical exam and a substance abuse test to verify such physical qualification. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.
- [(3) An applicant for a Class A, B or C Hoisting Machine Operator license shall satisfy the examination requirements of the Administrative Code by complying with the following requirements:
  - (i) For a Class A or C applicant, providing to the Department one or more certifications issued by an organization accredited to offer crane certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The certification shall authorize operation of the type of equipment for which the applicant seeks a license. The applicant shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new specialties acquired. The applicable certification shall be maintained continuously for the duration of the license term.
  - (ii) For a class B applicant, providing to the Department all crane operator certifications issued by an organization accredited to offer tower, mobile, and crawler crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute

(ANSI) and acceptable to the Commissioner. The applicant must have passed at least one of the certification exams on a friction crane. The applicant must provide to the Department a copy of the certifications, a copy of future re-certifications and documentation of new specialties acquired. The applicable certifications must be maintained continuously for the duration of the license term.]

- (3) Certifications. An applicant for a hoisting machine operator license must provide copies of certifications required by subdivision (d) of this section.
- (4) Experience qualifications. In order to satisfy the experience qualifications as set forth in Section 28-405.3 of the New York city administrative code, the experience must have been obtained in accordance with the following:
  - (i) Class A license applicants. An applicant for a Class A Hoisting Machine Operator license must provide proof demonstrating that the three (3) years of experience required by Section 28-405.3 of the New York city administrative code was acquired operating hoisting machines in New York City under the supervision of a licensed Class A or Class B Hoisting Machine Operator. The experience must have been obtained on hoisting machines of a type, size, and capacity authorized to be operated by a Class A licensed hoisting machine operator. For applications submitted on or after July 1, 2019, at least two (2) years of the required three (3) years of experience must have been in the operation of mobile cranes with a manufacturer's rated capacity in excess of 50 tons (45.36 t) or in the operation of tower cranes.
  - (ii) Class C license applicants. An applicant for a Class C Hoisting Machine Operator license must provide proof [of experience] demonstrating [at least] that the two (2) years of [work within the three (3) years prior to application under the direct and continuing] experience required by Section 28-405.3 of the New York city administrative code was acquired operating hoisting machines under the supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction within the United States that regulates crane operators. The experience must have been obtained on hoisting machines of a type, size, and capacity authorized to be operated by the Class C Hoisting Machine Operator license sought. At least one (1) year of the [qualifying work] experience must have been undertaken in the City of New York or in an urban area of comparable density within the United States, as determined by the Commissioner, and, for applications for a Class C1 Hoisting Machine Operator license submitted on or after July 1, 2019, have been in the operation of wheel mounted cranes with a manufacturer's rated capacity in excess of 3 tons (2.72 t).
- (5) Outrigger setup. For a Class A or C Hoisting Machine Operator license, the

qualifying [work] experience as specified in paragraph (4) of this subdivision shall include outrigger placement incorporating at least one hundred (100) crane set-ups. Such set-ups must occur at a jobsite, crane yard, training center, or other location acceptable to the commissioner. For a Class A Hoisting Machine Operator license, at least 25 of the set-ups must have occurred on machinery for which a Class A license is required. Where an applicant for a Class A Hoisting Machine Operator license already possesses a Class C Hoisting Machine Operator license, the requirement for the remaining 75 set-ups on non Class A machinery is waived.

- (6) Additional qualification requirements. In addition to the qualification requirements set forth in the Administrative Code and in this subdivision (a), all Hoisting Machine Operator [Class A, B, and C] license applicants shall complete a forty- (40) hour training course, approved by the Department, covering those provisions of local law and regulation that are unique to New York City for the operation of a hoisting machine and the unique hazards of operating a hoisting machine within New York City.

§2. Subdivision (b) of section 104-09 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (b) Fitness requirements for renewal and reinstatement. As a condition of license renewal or reinstatement, a licensed or previously licensed [Class A, B or C] Hoisting Machine Operator shall provide evidence of fitness to perform the work authorized to be performed by a holder of the license held or once held by the applicant. Such evidence shall consist of:

- (1) [For Class A, B and C Hoisting Machine Operators, evidence] Physical fitness. Evidence on a form prescribed by the Commissioner that the licensee [has passed a physical exam that complies with the standards of ASME B 30.5-2007, or the most recent version approved by the Department, and that the licensee has complied with the substance abuse testing provisions and standards of ASME B 30.5-2007, or the most recent version approved by the Department] meets the physical qualifications of section 5-3.1.2(a) of ASME B 30.5-2014, and has passed a physical exam and a substance abuse test to verify such physical qualification. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

- [(2) Valid national certification(s) as follows:

- (i) For Class A Hoisting Machine Operators whose license is renewed or reinstated on or after July 1, 2015, one or more valid certification(s) issued by an organization accredited to offer crane operator certifications by the



National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. For Class A Hoisting Machine Operators with licenses renewed or reinstated prior to July 1, 2015, such certification must be obtained within one year of renewal. The certification(s) shall authorize the operation of the type of equipment for which the license is held or sought and the licensee shall provide to the Department a copy of the certification(s), a copy of future re-certifications and documentation of new specialties acquired. The applicable certification(s) must be maintained continuously for the duration of the license term.

- (ii) For Class B Hoisting Machine Operators whose license is renewed or reinstated on or after July 1, 2015, all crane operator certifications issued by an organization accredited to offer tower, mobile and crawler crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. For Class B Hoisting Machine Operators with licenses renewed or reinstated prior to July 1, 2015, such certification must be obtained within one year of renewal. The applicant must have passed at least one of the certification exams on a friction crane. The licensee must provide to the Department a copy of the certifications, a copy of future re-certifications and documentation of new specialties acquired. The applicable certifications must be maintained continuously for the duration of the license term.
- (iii) For Class C Hoisting Machine Operators, one or more valid certification(s) issued by an organization accredited to offer crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The certification(s) shall authorize the operation of the type of equipment for which the license is held or sought and the licensee shall provide to the Department a copy of the certification(s), a copy of future re-certifications and documentation of new specialties acquired. The applicable certification(s) must be maintained continuously for the duration of the license term.]

- (2) Certifications. Copies of certifications as required by subdivision (d) of this section.
- (3) Driver's license. A renewal applicant shall possess a valid driver's license, without conditions or restrictions which the Department has determined may impact the safe operation of hoisting machinery, effective for the term of the renewal sought.
- (4) Renewal. A renewal applicant shall satisfy the requirements of this rule at every subsequent renewal.

§3. Subdivision (c) of section 104-09 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (c) [Hoisting Machine Operator Class A and B licensees shall provide to the Department no later than six months after the effective date of this section, or upon application, renewal, or reinstatement, as applicable, the information required in paragraph (1) of subdivision (b) of this section. The Commissioner may for cause, following notice and an opportunity to be heard, accelerate the date by which holders of Hoisting Machine Operator Class A and B licenses must satisfy the requirements of this subdivision and in such case, upon failure to satisfy such condition, the license shall lapse.] Reserved.

§4. Subdivision (d) of section 104-09 of Title 1 of the Rules of the City of New York is repealed and a new subdivision (d) is added to read as follows:

(d) Certifications for a hoisting machine operator license. Where a certification for the operation of a type of hoisting machine has been established by Table 1 of this subdivision, no licensed hoisting machine operator may operate such type of machinery until the licensee possesses a certification for that type of hoisting machine and such certification has been listed on the hoisting machine operator's license by the department.

**Exception:** The licensee is operating the hoisting machine as a learner in accordance with section 104-23 of these rules.

(1) Certifications to be acceptable and accredited. The certification must be acceptable to the commissioner and be issued by a hoisting machine operator certification program that is accredited by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) for the specific type of hoisting machine to be operated.

(2) Licensee to inform department of changes to certification. The licensed hoisting machine operator must immediately notify the department if a certification identified in Table 1 of this subdivision and held by the licensee is suspended, revoked, not renewed, or otherwise lapses. The licensed hoisting machine operator must provide a copy of re-certifications and new certifications identified in Table 1 of this subdivision to the department within 30 days.

(3) Friction cranes or derricks. No person who holds a Class A or Class C hoisting machine operator license may operate a friction crane or a friction derrick, or supervise the operation of a learner on a friction crane or a friction derrick, until the licensee has passed at least one of the practical certification exams listed in Table 1 on a friction crane, and such authorization to operate a friction crane or a friction derrick has been listed on the hoisting machine operator's license by the department. For a Hoisting

Machine Operator Class B applicant, one of the practical certification exams must, in accordance with the requirements of Table 1 of this subdivision, be on a friction crane.

(4) Derricks. No licensed hoisting machine operator may operate a derrick, or supervise the operation of a learner on a derrick, unless the licensee possesses a tower crane certification (not self-erecting), and such certification has been listed on the hoisting machine operator's license by the department.

**Table 1: Certifications by licensing class**

<b><u>Certification name</u></b>	<b><u>Hoisting machine operator licensing class</u></b>				
	<b><u>A</u></b>	<b><u>B</u></b>	<b><u>C1</u></b>	<b><u>C2</u></b>	<b><u>C3</u></b>
<u>Fix cab telescopic boom mobile crane<sup>1</sup></u>	<u>Required</u>	<u>Required</u>	<u>Required</u>		
<u>Swing cab telescopic boom mobile crane</u>	<u>Required</u>	<u>Required</u>	<u>Required</u>		
<u>Lattice boom truck crane<sup>2</sup></u>	<u>Required</u>	<u>Required</u>			
<u>Lattice boom crawler crane<sup>2</sup></u>	<u>Required</u>	<u>Required</u>			
<u>Tower crane<sup>3</sup></u>	<u>Additional</u>	<u>Required</u>			
<u>Self-erecting tower crane<sup>4</sup></u>	<u>Additional</u>	<u>Additional</u>			
<u>Articulating boom mobile crane<sup>5</sup></u>	<u>Additional</u>	<u>Additional</u>	<u>Additional</u>		
<u>Dedicated pile driver</u>	<u>Additional</u>	<u>Additional</u>	<u>Additional</u>		
<u>Boom truck<sup>1</sup></u>				<u>Required<sup>6</sup></u>	<u>Required<sup>6</sup></u>

**Legend to Table 1:**

- "Required" means must possess.
- "Additional" means not mandated, but required if licensee intends to operate listed type of hoisting machinery.
- Blank indicates not authorized for the class of license, except where otherwise indicated by footnote 1.

**Footnotes to Table 1:**

- <sup>1</sup> Individuals who hold a "Fix cab telescopic boom mobile crane" certification can also operate "boom trucks" and do not need a separate certification.
- <sup>2</sup> For a Hoisting Machine Operator Class B applicant, the practical certification exam for either the lattice boom truck crane or the lattice boom crawler crane must be on a friction crane.
- <sup>3</sup> The practical certification exam cannot be on a self-erecting tower crane.
- <sup>4</sup> The practical certification exam must be on a self-erecting tower crane.
- <sup>5</sup> The certification exam must include a component on the operation of an articulating boom crane with a winch.
- <sup>6</sup> Licensees who prior to the effective date of this section hold a certification for a "Fix cab telescopic boom mobile crane" must provide a certification for "Boom truck" upon renewal or reinstatement of their license.

§5. Subdivision (e) of section 104-09 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (e) Additional requirements. The provisions of this rule shall be in addition to the qualification, renewal and reinstatement requirements prescribed by articles 401 and 405 of title 28 of the Administrative Code.

§6. Subdivision (f) of section 104-09 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (f) Obligation to keep documents. In addition to any other documents required to be maintained on site by a licensed [Class A, B or C] Hoisting Machine Operator, such Operator shall have on site at all times the following documents:
  - (1) The certification(s) issued to him or her by [an organization accredited by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner] the certifying entity; and
  - (2) The hoisting machine operator license issued to him or her by the Department.

§7. This rule takes effect 30 days after its publication in the City Record, except that section 2 of this rule takes effect 6 months after its publication in the City Record.

**NOTICE OF ADOPTION OF RULE**

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to Section 104-09 in Chapter 100 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding ratings for class B licensed hoisting machine operators.

This rule was first published on October 20, 2017 and a public hearing thereon was held on November 20, 2017

Dated: \_\_\_\_\_

*11-28-17*

New York, New York



\_\_\_\_\_  
Rick D. Chandler, P.E.  
Commissioner

### **Statement of Basis and Purpose of Rule**

This amendment to 1 RCNY 104-09 adds a new subdivision (h) to implement the requirement of Local Law 80 of 2017 for Class B hoisting machine operators (HMOs) to earn a rating. Under the current code, Class B HMOs are authorized to operate cranes of unlimited boom length. Local Law 80 of 2017 limits Class B HMOs to the operation of cranes of boom lengths up to 300 feet unless they have earned a rating to operate longer booms. The local law requires ratings to be issued for specific makes and models of cranes upon the completion of a practical exam, simulator training or other appropriate means as specified in the rule.

The Department of Buildings' authority for these rules is found in sections 643 and 1043(a) of the New York City Charter and article 405 of chapter 4 of title 28 of the New York City Administrative Code.

New material is underlined.

[Deleted material is in brackets.]

“Shall” and “must” denote mandatory requirements and may be used interchangeably in the rules of this department, unless otherwise specified or unless the context clearly indicates otherwise.

Section 104-09 of Title 1 of the Rules of the City of New York is amended by adding a new subdivision (h) to read as follows:

(h) Ratings for class B licensed hoisting machine operators. In addition to satisfying the requirements as set forth in subdivisions (a) through (g) of this section, Class B Licensed Hoisting Machine Operators must possess one or more ratings when required by Section 28-405.2 of the Administrative Code.

(1) Prerequisites to obtain rating. To apply for a rating the Class B Licensed Hoisting Machine Operator must demonstrate to the satisfaction of the Commissioner that he or she has successfully completed, for the make and model of hoisting machine for which the rating is sought, the following:

(i) A course of at least 8 hours in length that meets the following requirements:

(A) The course must be conducted by the manufacturer of the hoisting machine, an entity authorized by the manufacturer of the hoisting machine, a registered New York State Department of Labor apprenticeship training program, an educational institution or school chartered by the New York State Department of Education, or an entity acceptable to the Commissioner.

(B) The course must be presented by an instructor who has been trained by the manufacturer of the hoisting machine.

(C) The course must, at a minimum, include instruction on the following topics:

1. The controls of the hoisting machine, including differences in controls based on operation mode;
2. The computer systems of the hoisting machine, including setup of the computer to match the configuration of the hoisting machine;
3. Operational aids and safety devices of the hoisting machine;
4. Wind and weather restrictions for the hoisting machine, including differences based on configuration, with emphasis on requirements when set up in configurations with a boom or boom/jib combination greater than 300 feet (91.44 m) in length; and
5. The procedures to boom-up, jackknife, and laydown the boom or boom/jib combination of the hoisting machine, including differences based on configuration, with emphasis on requirements when set up in configurations with a boom or boom/jib combination greater than 300 feet (91.44 m) in length.

(D) Instruction on makes and models of hoisting machines deemed by the Commissioner to be substantially equivalent may be included in the course.

(ii) A practical exam that meets the following requirements:

(A) The practical exam must be witnessed by a Class B Licensed Hoisting Machine Operator who must attest to the department that the hoisting machine operator who took the exam successfully passed the exam.

(B) The practical exam must be visually recorded. The record must be made available to the department upon request and must be maintained for a period of three (3) years by the entity that conducted the course required by subparagraph (i) of this paragraph, or, where such entity does not conduct the exam, by the Class B Licensed Hoisting Machine Operator who witnessed the exam.

(C) The exam must be conducted on one of the following:

1. On the hoisting machine configured with a boom or boom/jib combination greater than 300 feet (91.44 m) in length, and with

the hoisting machine set back from all areas accessible to the public; or

2. On a simulator acceptable to the Commissioner. At a minimum, the simulator must be capable of recreating the controls and operating characteristics of the hoisting machine. During the exam, the simulator must recreate the hoisting machine in a configuration with a boom or boom/jib combination greater than 300 feet (91.44 m) in length.

(D) The practical exam must assess the candidate on the following:

1. Knowledge of the hoisting machine's controls, including operational modes where the controls may be reversed; and
2. For a crane with a luffing jib, ability to raise, jackknife, and laydown the boom with the luffing jib attached; or
3. For a crane with a telescoping boom, ability to extend or retract the boom with an attached jib.

(2) Substantially equivalent hoisting machines. A hoisting machine operator who already possesses a rating may, in lieu of satisfying the requirements of paragraph (1) of this subdivision, receive additional ratings if the commissioner deems the additional makes and models of hoisting machines to be substantially equivalent to a hoisting machine for which the hoisting machine operator already possesses a rating. For a hoisting machine to be deemed substantially equivalent, it must, at a minimum, be manufactured by the same manufacturer and possess the same carrier type.

(3) Renewal of ratings. Beginning July 1, 2019, ratings must be renewed at the same time the underlying hoisting machine operator license is renewed. A rating will be considered to be renewed if the licensee demonstrates to the satisfaction of the Commissioner that he or she has successfully complied, during the preceding term of the license, with paragraph (1) of this subdivision, or as applicable, with paragraph (2) of this subdivision.



## NOTICE OF ADOPTION OF RULE

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to Section 104-09 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding hoisting machine operators.

This rule was first published on December 12, 2016 and a public hearing thereon was held on January 13, 2017.

Dated: 1-23-17

New York, New York



Rick D. Chandler, P.E.  
Commissioner

### **Statement of Basis and Purpose**

The Department of Buildings (DOB) is amending section 104-09 of Title 1 of the Rules of the City of New York relating to hoisting machine operators. The amendments reflect the New York State Supreme Court's decision that the portion of the current rule relating to out-of-state experience in an urban area of comparable density for a Class A Hoisting Machine License is invalid.

DOB's authority for this rule is found in Sections 643 and 1043(a) of the New York City Charter, Sections 28-401.6 and 28-405.3 of the City Administrative Code.

New material is underlined.

[Deleted material is in brackets.]

"Shall" and "must" denote mandatory requirements and may be used interchangeably in the rules of this department, unless otherwise specified or unless the context clearly indicates otherwise.

Paragraph (4) of subdivision (a) of section 104-09 of Title 1 of the Rules of the City of New York is amended to read as follows:

- (4) [An applicant for a Class A or C Hoisting Machine Operator license shall provide proof of experience demonstrating the years of experience required by the Administrative Code and compliance with the following requirements:
  - (i) For a Class A Hoisting Machine Operator license at least three (3) years of work within the five (5) years prior to application must have been under the direct and continuing supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction within the United States that regulates crane operators.
    - (A) At least one (1) year of the qualifying experience must have been undertaken in the City of New York.
    - (B) Notwithstanding the above, in lieu of the one (1) year of qualifying experience undertaken in the City of New York, the applicant may have, for at least the past ten (10) years prior to application, held a Hoisting Machine Operator license issued by a jurisdiction within the United States, with at least five (5) years of experience within those (10) years having been in an urban area of comparable density within the United States, as determined by the Commissioner.
    - (C) In addition to the requirements of either (A) or (B), above, the other two (2) required years of qualifying experience must have been undertaken either in the City of New York or in an urban area of comparable density within the United States, as determined by the Commissioner.

- (ii) For] An applicant for a Class C Hoisting Machine Operator license must provide proof of experience demonstrating at least two (2) years of work within the three (3) years prior to application [must have been] under the direct and continuing supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction within the United States that regulates crane operators. At least one (1) year of the qualifying work must have been undertaken in the City of New York or in an urban area of comparable density within the United States, as determined by the Commissioner.

This amendment has an effective date of 10-15-14.

### NOTICE OF ADOPTION OF RULE

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to Sections 104-06 and 104-09 of Chapter 100 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding course requirements for electrician, hoist machine operator and rigger license renewals and certification requirements for hoist machine operator licenses.

This rule was first published on July 29, 2014 and a public hearing thereon was held on September 2, 2014.

Dated: 9/8/14

New York, New York

A handwritten signature in black ink, appearing to read "Rick D. Chandler", written over a horizontal line.

Rick D. Chandler, P.E.  
Commissioner

### **Statement of Basis and Purpose of Rule**

Sections 104-06 and 104-09 of the Department's rules require certain courses and certifications to be obtained by electrician, hoisting machine operator and rigger licensees prior to renewal of their licenses. The rule amendments will extend the date for compliance with these requirements because the required courses and certifications are not currently available.

The Department of Buildings' authority for these rules is found in sections 643 and 1043 of the New York City Charter, as well as in Article 401 of Chapter 4 of Title 28 of the New York City Administrative Code.

New material is underlined.

[Deleted material is in brackets.]

"Shall" and "must" denote mandatory requirements and may be used interchangeably in the rules of this department, unless otherwise specified or unless the context clearly indicates otherwise.

Section 1. Paragraphs (3), (5), (7) and (8) of subdivision (b) of section 104-06 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York are amended to read as follows:

(3) Electrician (Master/Special). Beginning July 1, [2014]2015, during the one (1) year immediately prior to renewal, the licensee must have successfully completed a course approved by the Department of at least eight (8) hours, at least four (4) hours of which must focus on the New York City Electrical Code and other requirements pursuant to section 105-03 of subchapter E of this chapter. The Department will accept for each license year up to four (4) credit hours earned from an electrical continuing education course offered in another jurisdiction as part of a licensed electrician renewal process in that jurisdiction, provided that the course is at least eight (8) credit hours per license year in that jurisdiction, the credits were earned during the three (3) years immediately prior to renewal and:

- (i) the jurisdiction follows the National Electrical Code/NFPA 70;
- (ii) the course provider is a certified provider within that jurisdiction; and
- (iii) the course is taught by an instructor with experience in the electrical field who is certified  
as an electrical course provider in jurisdictions following the National Electrical Code/NFPA 70.

Credit hours earned in another jurisdiction will not count toward the at least four (4) hours that must focus on the New York City Electrical Code and other requirements pursuant to section 105-03.

(5) Hoisting Machine Operator. Beginning July 1, [2013]2015, during the one (1) year immediately prior to renewal, the licensee must have successfully completed a Department-approved eight- (8) hour course covering those provisions of the

administrative code and regulations that are unique to New York City for the operation of a hoisting machine and the unique hazards of operating a hoisting machine within New York City.

(7) Master Rigger. ~~[During]~~Beginning July 1, 2015, during the three (3) years immediately prior to renewal, the licensee shall have successfully completed a Department-approved eight- (8) hour re-certification course including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:

- (i) Rigging methods, hardware, and equipment;
- (ii) Hoisting machines, including cranes and derricks;
- (iii) Climber/tower crane assembly, jumping, and disassembly;
- (iv) Suspended scaffolds;
- (v) Critical picks; and
- (vi) Fall hazards and fall protection.

(8) Special Rigger. ~~[During]~~Beginning July 1, 2015, during the three (3) years immediately prior to renewal, the licensee shall have successfully completed a Department-approved eight- (8) hour re-certification course including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:

- (i) Rigging methods, hardware, and equipment;
- (ii) Hoisting machines with a manufacturer's rated capacity of one ton or less;
- (iii) Suspended scaffolds;
- (iv) Critical picks; and
- (v) Fall hazards and fall protection.

§2. Section 104-06 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended by adding a new subdivision (d) to read as follows:

**(d) Additional powers of the commissioner.** The commissioner may, upon a determination of good cause, extend the dates and deadlines set forth in this rule.

§3. Subparagraphs (i) and (ii) of paragraph (2) of subdivision (b) of section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York are amended to read as follows:

(2) Valid national certification(s) as follows:

- (i) For Class A Hoisting Machine Operators whose license is renewed or reinstated on or after July 1, ~~[2013]~~2015, one or more valid certification(s) issued by an organization accredited to offer crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. For Class A Hoisting Machine Operators with licenses renewed or reinstated prior to July 1, 2015, such certification must be obtained within one year of renewal. The certification(s) shall authorize the operation of the type of equipment for which

the license is held or sought and the licensee shall provide to the Department a copy of the certification(s), a copy of future re-certifications and documentation of new specialties acquired. The applicable certification(s) must be maintained continuously for the duration of the license term.

(ii) For Class B Hoisting Machine Operators whose license is renewed or reinstated on or after July 1, [2013]2015, all crane operator certifications issued by an organization accredited to offer tower, mobile and crawler crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. For Class B Hoisting Machine Operators with licenses renewed or reinstated prior to July 1, 2015, such certification must be obtained within one year of renewal. The applicant must have passed at least one of the certification exams on a friction crane. The licensee must provide to the Department a copy of the certifications, a copy of future re-certifications and documentation of new specialties acquired. The applicable certifications must be maintained continuously for the duration of the license term.

§4. Section 104-09 of Subchapter D of Chapter 100 of Title 1 of the Rules of the City of New York is amended by adding a new subdivision (g) to read as follows:

**(g) Additional powers of the commissioner.** The commissioner may, upon a determination of good cause, extend the dates and deadlines set forth in this rule.

This amendment has an effective date of 05-26-12.

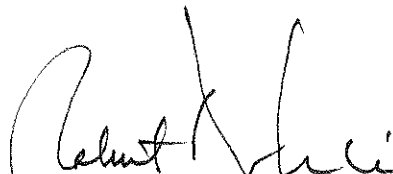
### NOTICE OF ADOPTION OF RULE

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to sections 104-06 and 104-09 of Chapter 100 of Title 1 of the Official Compilation of the Rules of the City of New York, regarding hoist machine operator training and examinations.

This rule was first published on December 30, 2011 and a public hearing thereon was held on February 3, 2012.

Dated: \_\_\_\_\_

Apr 20, 2012  
New York, New York

  
\_\_\_\_\_  
Robert D. LiMandri  
Commissioner



## **STATEMENT OF BASIS AND PURPOSE**

Sections 104-06 and 104-09 of Chapter 100 of Title 1 of the Rules of the City of New York are being amended pursuant to the authority of the Commissioner of Buildings under sections 643 and 1043(a) of the New York City Charter and sections 28-401.5, 28-401.6, 28-401.7, 28-401.14, and Article 405 of Title 28 of the New York City Administrative Code (Administrative Code).

For the purposes of this rule, “shall” and “must” have the same meaning.

Rule changes pertaining to operators of power operated hoisting machines:

### New OSHA Licensing Requirements

Section 28-405.1 of the Administrative Code requires the operators of power operated hoisting machines (including cranes and derricks) with a rated capacity of over one ton to hold a valid Hoisting Machine Operators (HMO) license from the New York City Department of Buildings (the Department). HMO licenses are divided into three classes, class A, B, and C. Section 28-401.7 further requires all applicants for a license to pass an examination.

In November 2010, new rules promulgated by the Occupational Safety and Health Administration (OSHA) governing the operation of cranes and derricks became effective (29 CFR 1926 Subpart CC). Section 1926.1427 of the OSHA rule requires all crane operators in the United States to be certified. Licenses issued by a state or local government are recognized as fulfilling the OSHA certification requirement, if the “testing meets industry recognized criteria for written testing materials, practical examinations, test administration, grading, facilities/equipment and personnel,” and the licensees are retested at least every five years.

### Examination

Section 104-09 of Title 1 of the Rules of the City of New York requires applicants for a Class C HMO license to pass an examination administered by “an organization accredited by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner.” Such an organization meets the OSHA requirement for testing. Section 104-09 further requires Class C HMO licensees to maintain their national certification for the license period. To maintain their national certification, licensees are subject to retesting every five years, which satisfies the OSHA retesting requirement.

The amendment to section 104-09 will bring the examinations for Class A and Class B HMO licenses in line with the new OSHA requirements by requiring applicants to pass an examination administered by the same type of organization as Class C examinations. The exams for Class A and B HMO applicants are currently administered through the New York City Department of Citywide Administrative Services (DCAS).

Section 28-405.2 of the Administrative Code establishes a Class B HMO license as authorizing the “operation of hoisting machine without limitation or restriction.” Accordingly, the amendment to section 104-09 requires Class B applicants to be certified to operate all classes of cranes. Further, the examination currently administered through the DCAS occurs on a friction crane. The amendment requires at least one of the certification exams for a Class B applicant to have been passed on a friction crane. Similarly, where a Class A or C applicant seeks to operate a friction crane, the amendment requires that such applicant pass a certification exam on a friction crane.

### Years of Experience

Section 28-405.3 of the Administrative Code further requires applicants for a Class A, B or C HMO license to possess a number of years of experience operating a hoisting machine under the direct and continuing supervision of a licensed operator before applying for their license. Section 104-09 clarifies that for a Class C HMO, the experience may be obtained within New York City or in an “urban area of comparable density within the United States,” under the supervision of a hoisting machine operator licensed by that jurisdiction. The amendment to section 104-09 expands this provision to Class A HMO license applicants and adds a requirement that at least one year of experience be obtained within New York City. As an alternative to the one year of experience in New York City, the requirement may be satisfied by having held a license issued by another jurisdiction within the United States for the past ten years prior to application, with at least five years of experience in an urban area of comparable density. Section 104-09 also requires applicants for a Class C HMO license to have performed “outrigger placement incorporating at least 100 crane set-ups.” The amendment to Section 104-09 expands this requirement to Class A HMO applicants.

### Training Course

Section 104-09 specifies that applicants for a Class C HMO license are to complete a 40-hour training course. The amendment to section 104-09 expands this requirement to Class A and B HMO applicants.

Section 28-401.14 of the Administrative Code authorizes the Commissioner to require applicants for the renewal of a license to complete education courses approved by the Department. Section 104-06 requires individuals applying to renew other licenses issued by the Department, including but not limited to electricians, plumbers, and site safety managers, to complete a refresher course. The amendment to section 104-06 requires individuals seeking to renew a Class A, B, or C HMO license to complete an 8-hour refresher course.

**Section 1. Subdivision a of section 104-06 of subchapter D of chapter 100 of title 1 of the rules of the City of New York is amended by adding a new paragraph 5 to read as follows:**

(5) Hoisting Machine Operator

**§2. Paragraphs 5 through 9 of subdivision a of section 104-06 are renumbered 6 through 10, respectively.**

**§3. Subdivision b of section 104-06 is amended by adding a new paragraph 5 to read as follows:**

(5) Hoisting Machine Operator. Beginning July 1, 2013, during the one (1) year immediately prior to renewal, the licensee must have successfully completed a Department-approved eight- (8) hour course covering those provisions of the administrative code and regulations that are unique to New York City for the operation of a hoisting machine and the unique hazards of operating a hoisting machine within New York City.

**§4. Paragraphs 5 through 10 of subdivision b of section 104-06 are renumbered 6 through 11, respectively.**

**§5. Paragraph 3 of subdivision a of section 104-09 of subchapter D of chapter 100 of title 1 of the rules of the City of New York is amended to read as follows:**

(3) An applicant for a Class A, B or C Hoisting Machine Operator license shall satisfy the [qualification and] examination requirements of the Administrative Code by complying with the following requirements:

(i) [An applicant shall furnish] For a Class A or C applicant, providing to the Department [a] one or more certifications issued by an organization accredited to offer crane certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The certification shall authorize operation of the type of equipment for which the applicant seeks a license. The applicant shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new specialties acquired. The applicable certification shall be maintained continuously for the duration of the license term.

(ii) For a class B applicant, providing to the Department all crane operator certifications issued by an organization accredited to offer tower, mobile, and crawler crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The applicant must have passed at least one of the certification exams on a friction crane. The applicant must provide to the Department a copy of the certifications, a copy of future re-certifications and documentation of new specialties acquired. The applicable certifications must be maintained continuously for the duration of the license term.

[(ii)](4) An applicant for a Class A or C Hoisting Machine Operator license shall provide proof of experience demonstrating [two (2) years of work, within the three (3) years prior to application, under the direct and continuing supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction that regulates crane operators.]the years of experience required by the Administrative Code and compliance with the following requirements:

(i) For a Class A Hoisting Machine Operator license at least three (3) years of work within the five (5) years prior to application must have been under the direct and continuing supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction within the United States that regulates crane operators.

(A) At least one (1) year of the qualifying experience must have been undertaken in the City of New York.

(B) Notwithstanding the above, in lieu of the one (1) year of qualifying experience undertaken in the City of New York, the applicant may have, for at least the past ten (10) years prior to application, held a Hoisting Machine Operator license issued by a jurisdiction within the United States, with at least five (5) years of experience within those (10) years having been in an urban area of comparable density within the United States, as determined by the Commissioner.

(C) In addition to the requirements of either (A) or (B), above, the other two (2) required years of qualifying experience must have been undertaken either in the City of New York or in an urban area of comparable density within the United States, as determined by the Commissioner.

(ii) For a Class C Hoisting Machine Operator license at least two (2) years of work within the three (3) years prior to application must have been under the direct and continuing supervision of a

Hoisting Machine Operator licensed by the Department or by another jurisdiction within the United States that regulates crane operators. At least one (1) year of the qualifying work must have been undertaken in the City of New York or in an urban area of comparable density within the United States, as determined by the Commissioner.

- (5) [The] For a Class A or C Hoisting Machine Operator license, the qualifying work shall include [instruction in] outrigger placement incorporating at least one hundred (100) crane set-ups. [At least one (1) year of the qualifying work must have been undertaken in the city of New York or in an urban area of comparable density, as determined by the Commissioner.] For a Class A Hoisting Machine Operator license, at least 25 of the set-ups must have occurred on machinery for which a Class A license is required. Where an applicant for a Class A Hoisting Machine Operator license already possesses a Class C Hoisting Machine Operator license, the requirement for the remaining 75 set-ups on non Class A machinery is waived.

- [(iii)](6) Additional qualification requirements. In addition to the qualification requirements set forth in the Administrative Code and in this subdivision (a), all Hoisting Machine Operator Class A, B, and C license applicants shall complete a forty- (40) hour training course, approved by the Department, covering those provisions of local law and regulation that are unique to New York City for the operation of a hoisting machine and the unique hazards of operating a hoisting machine within New York City.

**§6. Paragraph 2 of subdivision b of section 104-09 is amended to read as follows:**

- (2) Valid national certification(s) as follows:
- (i) For Class A Hoisting Machine Operators whose license is renewed or reinstated on or after July 1, 2013, one or more valid certification(s) issued by an organization accredited to offer crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The certification(s) shall authorize the operation of the type of equipment for which the license is held or sought and the licensee shall provide to the Department a copy of the certification(s), a copy of future re-certifications and documentation of new specialties acquired. The applicable certification(s) must be maintained continuously for the duration of the license term.

- (ii) For Class B Hoisting Machine Operators whose license is renewed or reinstated on or after July 1, 2013, all crane operator certifications issued by an organization accredited to offer tower, mobile and crawler crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The applicant must have passed at least one of the certification exams on a friction crane. The licensee must provide to the Department a copy of the certifications, a copy of future re-certifications and documentation of new specialties acquired. The applicable certifications must be maintained continuously for the duration of the license term.
- (iii) For Class C Hoisting Machine Operators, [a] one or more valid certification(s) issued by an organization accredited to offer crane operator certifications by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The certification(s) shall authorize the operation of the type of equipment for which the license is held or sought and the licensee shall provide to the Department a copy of the certification(s), a copy of future re-certifications and documentation of new specialties acquired. The applicable certification(s) must be maintained continuously for the duration of the license term.

**§7. Subdivision d of section 104-09 is amended to read as follows:**

- (d) A Class A, B or C Hoisting Machine Operator license issued following compliance with this rule shall authorize the operation of only that type of [equipment] crane for which Department records indicate the licensee is qualified or certified. For a Class A or C Hoisting Machine Operator license, where the applicant or licensee wishes to operate a friction crane, the applicant must have passed at least one of the certification exams on a friction crane.

**§8. Paragraph 1 of subdivision f of section 104-09 is amended to read as follows:**

- (1) [For a Class C licensee only, the] The certification(s) issued to him or her by an organization accredited by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner; and

This amendment has an effective date of 02-03-11.

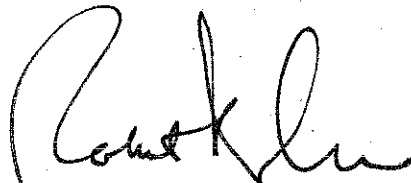
### NOTICE OF ADOPTION OF RULE

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of the Department of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter, that the Department of Buildings hereby adopts the amendments to Sections 104-01, 104-02, 104-03, 104-05, 104-06, 104-07 and 104-09 and the addition of new Sections 104-10 and 104-11 to Subchapter D of Chapter 100 of Title 1 of the Official Compilation of the Rules of the City of New York regarding licensing.

This rule was first published on October 14, 2010, and a public hearing thereon was held on November 15, 2010.

Dated: \_\_\_\_\_

Dec 22, 2010  
New York, New York



Robert D. LiMandri  
Commissioner

Section 1. Subdivision a of section 104-01 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

(a) Definitions.

(1) For purposes of this subchapter, the terms “City,” “Commissioner” and “Department” shall have the same meanings as set forth in §28-101.5 of the Administrative Code.

(2) For purposes of this [rule]subchapter, the term “license” shall have the same meaning as is set forth in §28-401.3 of the Administrative Code, except that the term shall include “certificate of competence” whenever such a certificate is required by Chapter 4 of title 28 of the Administrative Code.

§2. Paragraph 1 of subdivision b of section 104-01 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

(1) Applicability.

[(i)] This subdivision (b) shall apply to Department-sponsored examinations administered for the following licenses:

[(A) Site Safety Manager Certificate] (i) Electrician (Master/Special)

[(B) Private Elevator Inspection Agency Director Certificate] (ii) High Pressure Boiler Operating Engineer

[(C) Private Elevator Inspection Agency Inspector Certificate] (iii) Master Fire Suppression Piping Contractor (Classes A, B and C)

[(D) Additional license types may be added to this listing as responsibility for their administration is transferred from the Department of Citywide Administrative Services to the Department of Buildings.] (iv) Master Plumber

(v) Oil Burning Equipment Installer (Classes A and B)

(vi) Portable High Pressure Boiler Operating Engineer

(vii) Private Elevator Inspection Agency Director

(viii) Private Elevator Inspection Agency Inspector



(ix) Rigger (Master/Special/Climber or Tower Crane)

(x) Sign Hanger (Master/Special)

(xi) Site Safety Manager

§3. Item D of subparagraph iii of paragraph 2 of subdivision b of section 104-01 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

(D) Candidates who fail the written test three (3) times within six (6) months must wait six (6) months before applying again to take the written test, in accordance with the procedure in paragraph (c) of this rule.

§4. Subdivision c of section 104-01 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

(c) Education, training and experience. An applicant must possess the minimum education, training and/or experience requirements specified by the Administrative Code at the time of filing the application. For purposes of this subdivision (c), the term “experience” refers to that experience gained as the result of full-time employment, unless otherwise determined by the Commissioner. An applicant shall verify the claimed experience by submitting documentation, including, but not limited to, the following:

(1) Notarized affidavits from all past or current employers under whom experience is claimed. Affidavits from New York City licensees shall be sealed where applicable. Affidavits shall include the following information:

(i) Applicant’s job title (helper, journeyman, etc.);

(ii) A detailed description of applicant’s duties;

(iii) When applicant worked with the licensee (employment dates shall be in mm/dd/yyyy format);

(iv) Whether employment was on a full or part-time basis, detailing the average weekly hours; and

(v) Where license supervision is required, a statement by the licensee that he or she directly supervised applicant’s work.

(2) Social Security History of Earnings for the years applicant is claiming as experience reflecting wages appropriate for the trade.

(3) Where the code requires supervision in the design and installation of plumbing or fire suppression systems, evidence that the supervising licensees performed such work as demonstrated by permits, completed contracts or such other documentation as the Department may require.

(4) Where the applicant is self-employed, the applicant shall verify that he or she performed qualifying work by submitting documentation, including but not limited to personal and business tax returns, route sheets or work logs from the supervising licensee, contracts with customers, and statements from customers detailing the work the applicant performed and when that work was performed.

§5. Paragraph 3 of subdivision d of section 104-01 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

(3) A candidate who has been notified of failure to meet the fitness and qualification requirements [may] and who has additional relevant information or documentation for the Department's review shall request reconsideration [provided that the candidate has additional relevant information or documentation for the Department's review]. Such appeal [must]shall be in writing with an original signature and addressed as the Commissioner may require. The request for reconsideration [must]shall state the title of the license examination, the applicant's name and return address, the date of the Department's denial and a detailed statement of the grounds for reconsideration with any supporting documentation. The request for reconsideration [must]shall be received not later than sixty (60) days from the date of notification of the denial of the license.

§6. Section 104-02 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

§104-02 [Proof of required] Required insurance.

(a) [General liability insurance.

(1)]The following categories of licensee[s] are [required to submit proof of insurance prior to issuance or renewal of a license]subject to the requirements set forth in this section:

[(i) Master Plumber] (1) Elevator Inspection Agency Director

[(ii) Master Fire Suppression Piping Contractor] (2) General Contractor

[(iii)](3) Master Electrician

[(iv) Special Electrician (to the extent of his/her employer's coverage)] (4) Master Fire Suppression Piping Contractor

[(v) Rigger (Master/Special)] (5) Master Plumber

~~[(vi) Sign Hanger (Master/Special)]~~ (6) Oil Burner Equipment Installer

~~[(vii) Elevator Inspection Agency Director]~~ (7) Rigger (Master/Special/Climber or Tower Crane)

~~[(viii) General Contractors.]~~ (8) Safety Registrants

~~[(ix)]~~ (9) Sign Hanger (Master/Special)

~~[(x)]~~ (10) Special Electrician (employer's coverage)

[(2) Each holder of and applicant for a license shall secure Commercial General Liability (CGL) insurance policy or policies satisfying the requirements in this subparagraph. All CGL insurance policies, whether primary, excess or umbrella, shall:

(i) Be issued by a company or companies that may lawfully issue the required policy and has an A.M. Best rating of at least A-VII or a Standard and Poor's rating of at least AA.

(ii) Provide coverage at least as broad as that provided by the most recent edition of ISO Form CG 0001;

(iii) Provide coverage of at least \$1,000,000 (one million dollars) combined single limit per occurrence;

(iv) Contain the following endorsement: This policy shall not be cancelled or terminated, or modified or changed unless thirty (30) days prior written notice is sent to the Named Insured and the commissioner of the New York City Department of Buildings, except that notice of termination for non-payment may be made on only ten (10) days written notice.]

[(3) Each holder of and applicant for a license shall file with the Department proof that there is in place insurance that provides the coverage set forth in this subdivision. Proof may consist of an insurance certificate, in which case the insurance certificate shall be accompanied by a sworn statement in a form prescribed by the Department from the insurer or from a licensed insurance broker certifying that the insurance certificate may be relied upon as proof that the certificate is accurate in all respects and that the insurance certified thereon is in force.]

[(4) The holder of and applicant for a license shall provide a copy of any required policy within thirty days of a request for such policy by the Department or the New York City Law Department.]

[(5) A failure by the City or the Department to enforce any of the foregoing requirements shall not constitute a waiver of such requirement or any other requirement.]

(b) Commercial general liability insurance.

(1) Each applicant for and holder of a license shall, at its expense, procure and maintain commercial general liability (CGL) insurance satisfying the requirements of this subdivision. All CGL insurance policies shall:

(i) Be issued by a company or companies that may lawfully issue the required policy and has an A.M. Best rating of at least A-VII or a Standard and Poor's rating of at least A;

(ii) Provide coverage at least as broad as set forth in the most recent edition of Insurance Services Office (ISO) Form CG 0001;

(iii) Provide coverage of at least \$1,000,000 (one million dollars) combined single limit per occurrence; and

(iv) Contain the following endorsement: This policy shall not be cancelled or terminated, or modified or changed unless thirty (30) days' prior written notice is sent to the Named Insured and the New York City Department of Buildings, Licensing Unit, 280 Broadway, 6<sup>th</sup> floor, New York, NY 10007, except that termination for non-payment may be made on only ten (10) days' written notice.

(2) Each applicant for and holder of a license shall provide proof of CGL insurance by submission of a certificate of insurance in a form satisfactory to the Department that:

(i) satisfies the requirements of subdivision (e) of this section;

(ii) identifies the insurance company that issued such insurance policy, the policy number, limit(s) of insurance, and expiration date; and

(iii) is accompanied by a sworn statement in a form prescribed by the Department from a licensed insurance broker certifying that the insurance certificate may be relied upon as accurate in all respects and that the insurance certified thereon is in force.

(3) Any holder of a license who, during the term of the license, is issued any permit of the types set forth in Administrative Code §28-105.2 shall cause the City, together with its officials and employees, to be named as an additional insured on the insurance required under this subdivision with regard to all operations pursuant to all such permits. The City's coverage shall be at least as broad as set forth in the most recent edition of ISO Form CG 2012 or CG 2026.

[(b)](c) Workers' compensation insurance [and disability insurance]. [Holders of and applicants for the] Each applicant for and holder of a license [types specified in this subdivision] shall, at [their]its own expense, procure and maintain workers' compensation [and disability] insurance[:], or a waiver of such insurance from the New York State Workers' Compensation Board, and shall submit proof thereof in a form acceptable to the Department and in compliance with subdivision (e) of this section. ACORD forms are not acceptable proof of workers' compensation coverage.

- [(1) Master Plumber
- (2) Master Fire Suppression Piping Contractor
- (3) Master Electrician
- (4) Special Electrician (to the extent of his/her employer's coverage
- (5) Oil Burner Equipment Installer
- (6) Rigger (Master/Special)
- (7) Sign Hanger (Master/Special)
- (8) Elevator Inspection Agency Director
- (9) General Contractor]

[(c) Acceptable forms:

(1) Workers' compensation insurance. The licensee must submit one of the following forms to the Department, or another form acceptable to the Department, or exemption from required coverage:

- (i) C-105.2 Certificate of Worker's Compensation Insurance.
- (ii) U-26.3 -- State Insurance Fund Certificate of Workers' Compensation Insurance.
- (iii) Request for WC/DB Exemption (Form CE-200).

(2) Disability insurance. The licensee must submit demonstrating required disability insurance coverage or exemption from required coverage.]

(d) Disability insurance. Each applicant for and holder of a license shall, at its own expense, procure and maintain disability insurance, or a waiver of such insurance from

the New York State Workers' Compensation Board, and shall submit proof thereof in a form acceptable to the Department and in compliance with subdivision (e) of this section.

[(d) Requirements for all submitted insurance certificates] (e) Proof of insurance.

[(1) Insurance certificate requirements. All submitted] Proof of insurance [certificates must] shall not contain any handwritten corrections and shall contain the following information:

[(i)](1) The applicant's or licensee's license, registration or tracking number(s)[.];

[(ii) The insurance policy number(s).]

[(iii)](2) [The] With regard to all workers' compensation or disability certificates, the applicant's or licensee's federal Employer Identification Number [of the insured] or [the] social security number, [on any workers' compensation or disability certificates.] and policy expiration date(s);

[(iv)](3) The policy holder's business address[, which cannot be] (not a post office box)[. The address must appear] exactly as it appears on the Department's Buildings Information System ("BIS")[.]; and

[(v)](4) New York City Department of Buildings, Attn: Licensing Unit, 280 Broadway, 6<sup>th</sup> Floor, New York, NY 10007 [shall be] specified as a certificate holder.

(f) If, at any time after a license has been issued, any policy of insurance required by this section expires, is cancelled or otherwise terminates, the licensee shall notify the Department and procure, at its own expense, a renewal or replacement policy that fully complies with the requirements of this section and, prior to the date of such termination, submit proof thereof in conformity with the requirements of this section.

(g) Any applicant for or holder of a license shall provide a copy of any insurance policy secured in compliance with this section within thirty (30) days of a request for such policy by the Department or the New York City Law Department.

(h) A failure by the City or the Department to enforce any of the foregoing requirements shall not constitute a waiver of such requirement or any other requirement.

§7. Section 104-03 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

§104-03 Term of license.

(a) The term of a license issued to a new or renewal applicant for which an examination is required shall be three (3) years, measured from the date the license is issued, except as otherwise specified by law or in this rule.

(b) The term of a license issued to a new or renewal applicant for which no examination is required shall be one (1) year, measured from the date the license is issued, except as otherwise specified by law or in this rule.

(c) The term of a construction superintendent registration issued to a new or renewal applicant shall be three (3) years measured from the date the registration is issued.

(d) The term of a general contractor registration issued to a new or renewal applicant shall be three (3) years, measured from the date of the applicant's birthday.

(e) The term of a concrete safety manager registration issued to a new or renewal applicant shall be three (3) years, measured from the date the registration is issued.

(f) The term of a safety registration issued to a new or renewal applicant shall be three (3) years, measured from the date the registration is issued.

(g) The term of a master electrician or special electrician license issued to a new or renewal applicant shall be one (1) year, measured from the date of the applicant's birthday.

(h) Nothing contained herein shall limit the authority of the Commissioner to stagger the issuance of licenses based on considerations other than the date of issuance of the license or to otherwise provide for reasonable implementation of modifications to license terms.

§8. Section 104-05 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

§104-05 Reinstatement of license. In accordance with §28-401.13 of the Administrative Code, a license may be reinstated in accordance with the following requirements.

(a) A license that has been expired for less than one (1) year may be reinstated upon filing of an application with the Department. Such reinstatement shall be subject to any applicable late and reinstatement fees.

(b) A license that has been expired for a period of one (1) year to five (5) years from the date of expiration may be reinstated without examination where the applicant demonstrates continued competence and completion of any and all required continuing education requirements.

- (1) Continued competence shall be demonstrated by the applicant's active and legal engagement in the trade for which the applicant's license was issued. The applicant shall supply the Department with the following:
- (i) A resume detailing employment history and the duties the applicant performed in each position during the time the license was expired;
  - (ii) A signed and notarized statement from the applicant's employer stating the nature of the applicant's duties and the dates of such employment;
  - (iii) For work in the trade requiring the supervision of a licensed person in accordance with Chapter 4 of the Code, a signed and notarized (or sealed) statement from the supervising licensee stating that he or she supervised the applicant, the dates of such supervision and the nature of the applicant's duties; and
  - (iv) Any other documentation the Department deems appropriate.
- (2) An applicant for reinstatement must be actively and legally engaged in the trade during the time period between the expiration of the license and the date of the application for reinstatement, except for periods of time away from the trade not to exceed, in the aggregate, one (1) year.
- (3) A candidate shall appear and furnish to the Department all requested original [forms,] documents [and fees] within six (6) months of the date of the request for reinstatement. Failure to do so will result in the denial of the reinstated license and will require a reexamination and reapplication.
- (4) A candidate shall appear, furnish to the Department all requested original forms and pay to the Department all required fees within three (3) months of the date of the notice of approval of reinstatement. Failure to do so will result in the denial of the reinstated license and will require a reexamination and reapplication.
- (c) No license shall be reinstated if it is expired for over five (5) years. The applicant must reapply for a new license and meet all applicable qualifications, including any required examination.
- (d) Exceptions to reinstatement provisions. If an application for renewal of a [license]registration for Construction Superintendent, Concrete Safety Manager, [or] General Contractor or Safety Registration is not filed within one (1) year of a registration's expiration, the applicant must reapply for a new registration and meet all applicable qualifications.
- (e) This section shall not apply to Electricians.



§9. Subdivisions a and b of section 104-06 of subchapter D of chapter 100 of title 1 of the rules of the city of New York are amended to read as follows:

§104-06 Continuing education requirements.

(a) Applicability. This section shall be applicable to license holders seeking renewal of licenses requiring the completion of continuing education course(s) and to applicants seeking Department approval to provide continuing education courses for the following license types:

- (1) [Construction Superintendent.] Concrete Safety Manager
- (2) [Master Plumber.] Construction Superintendent
- (3) [Master Fire Suppression Piping Contractor.] Electrician (Master/Special)
- (4) Filing Representative
- (5) [Site Safety Manager.] Master Fire Suppression Piping Contractor
- [(5)] (6) [Site Safety Coordinator.] Master Plumber
- [(6)] (7) [Concrete Safety Manager.] Rigger (Master/Special/Climber or Tower Crane)
- [(7)] (8) [Master Electrician.] Site Safety Coordinator
- [(8)] (9) [Special Electrician.] Site Safety Manager

(b) Course requirements for license renewals. The following courses are required for renewal of the below listed license types:

- (1) Concrete Safety Manager. During the one (1) year immediately prior to renewal, the licensee shall have successfully completed an eight- (8) hour Department-approved course that is sufficient to qualify the individual as a competent person under OSHA standards to oversee concrete operations, or any equivalent course(s) approved by the Commissioner, including those in electronic format.
- (2) Construction Superintendent. During the one (1) year [period] immediately prior to renewal, the licensee shall have successfully completed a seven- (7) hour Site Safety Manager refresher course approved by the Department, or any equivalent course(s) approved by the Department, including those in electronic format.

[(2) Concrete Safety Manager. During the one (1) year immediately prior to renewal, the licensee shall have successfully completed an eight (8) hour Department-approved course that is sufficient to qualify the individual as a competent person under OSHA standards to oversee concrete operations, or any equivalent course(s) approved by the Commissioner, including those in electronic format.]

(3) Electrician (Master/Special). Beginning January 1, 2012, during the one (1) year immediately prior to renewal, the licensee shall have successfully completed a course approved by the Department of at least eight (8) hours, at least four (4) hours of which shall focus on the New York City Electrical Code.

(4) Filing Representative. During the one (1) year immediately prior to renewal, the registrant shall have attended a Department-administered or Department-approved integrity training.

(5) Master Fire Suppression Piping Contractor and Master Plumber [and Master Fire Suppression Piping Contractor]. During the two (2) years [period] immediately prior to renewal, the licensee shall have successfully completed a one- (1) day (seven- (7) hour) continuing education course approved by the Department.

(6) Master Rigger. During the three (3) years immediately prior to renewal, the licensee shall have successfully completed a Department-approved eight- (8) hour re-certification course including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:

- (i) Rigging methods, hardware, and equipment;
- (ii) Hoisting machines, including cranes and derricks;
- (iii) Climber/tower crane assembly, jumping, and disassembly;
- (iv) Suspended scaffolds;
- (v) Critical picks; and
- (vi) Fall hazards and fall protection.

(7) Special Rigger. During the three (3) years immediately prior to renewal, the licensee shall have successfully completed a Department-approved eight- (8) hour re-certification course including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:

- (i) Rigging methods, hardware, and equipment;
- (ii) Hoisting machines with a manufacturer's rated capacity of one ton or less;
- (iii) Suspended scaffolds;
- (iv) Critical picks; and
- (v) Fall hazards and fall protection.

(8) Climber or Tower Crane Rigger. During the three (3) years immediately prior to renewal, the licensee shall have successfully completed a Department-approved eight- (8) hour re-certification course including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:

- (i) Climber/tower crane assembly, jumping, and disassembly; and
- (ii) Fall hazards and fall protection.

(9) Site Safety Coordinator. During the two (2) years immediately prior to renewal, the licensee shall have successfully completed a Site Safety Manager refresher course approved by the Department.

[(4)](10) Site Safety Manager. During the one (1) year [period] immediately prior to renewal, the licensee shall have successfully completed a seven- (7) hour Site Safety Manager refresher course approved by the Department.

[(5) Site Safety Coordinator. During the two (2) year period immediately prior to renewal, the licensee shall have successfully completed a Site Safety Manager refresher course approved by the Department.]

[(6) Master Electrician and Special Electrician. Effective January 1, 2010, during the one (1) year period immediately prior to renewal, the licensee shall have successfully completed a course of at least 8 hours, at least 4 hours of which shall focus on the New York City Electrical Code, approved by the Department.]

§10. Paragraphs 2, 6, and 7 of subdivision c of section 104-06 of subchapter D of chapter 100 of title 1 of the rules of the city of New York are amended to read as follows:

- (2) A proposed curriculum appropriate for the type(s) and class(es) of licensees to which the course(s) will be taught. [Except for Master and Special

Electricians, no]No more than four (4) hours of any curriculum shall consist of course materials or credits to be applied to multiple license types. This provision shall not apply to Master and Special Electricians. [All] Except for the curriculum for filing representatives, which shall not include the requirements of subparagraphs (vii) and (viii) of this paragraph, all curricula shall include but not be limited to:

- (i) Business practices;
- (ii) Relevant building code provisions, rules, and policy and procedure notices enacted or promulgated by the Department;
- (iii) Department of Environmental Protection [W]water [R]rules for Master Fire Suppression Piping Contractor and [m]Master [p]Plumber [and master fire suppression piping contractor] courses;
- (iv) Occupational Safety and Health Standards for the Construction Industry for Site Safety Manager and Site Safety Coordinator courses;
- (v) For Master Electricians, [and] Special Electricians, Master Fire Suppression Piping Contractors and Master Plumbers, relevant New York City Fire Department code provisions, rules and policies, and relevant utility regulations;
- (vi) Relevant Department of Buildings filing and inspection requirements;
- (vii) Safety/hazardous materials;
- (viii) New technology;
- (ix) [Integrity/anti-corruption]Corruption prevention standards;[, ] and
- (x) Other subjects identified by the Commissioner.

(6) A detailed statement of the proposed provider's procedures for confirming the identity and attendance of individuals taking any course(s), including logs reflecting those in attendance at different times during the course, and for the issuance of a fraud-resistant document demonstrating that a licensee attended the course(s);

(7) A commitment to generate and retain for five (5) years records of the course(s) offered, including attendance logs for each session of each course and course evaluations by the attendees; and

§11. Section 104-07 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

§104-07 Suspension or revocation.

(a) Hearings concerning disciplinary proceedings pursuant to Administrative Code §28-401.19 seeking suspension or revocation, with or without penalties, against any licensee or holder of a certificate[s] of competence issued by the Department shall be held before the Office of Administrative Trials and Hearings pursuant to 1 RCNY 105-05 and shall be governed by the rules of procedure utilized at that tribunal.

(b) Stop work and suspension of permits. Upon any suspension or revocation of a license, certificate of competence, approval or authorization, unless replaced by another licensee, certificate holder, approved agency, special inspector, or registered design professional within five (5) business days of such suspension or revocation, all open jobs on which the licensee, certificate holder, approved agency, special inspector, or registered design professional is designated shall be stopped and the permits shall be suspended until such time as another licensee, certificate holder, approved agency, special inspector, or registered design professional is designated or such permits expire. Where the [c]Commissioner has summarily suspended a license or certificate of competence pursuant to Administrative Code §28-401.19.1, all open jobs on which the licensee, certificate holder, approved agency, special inspector, or registered design professional is designated shall be stopped immediately and the permits shall be suspended immediately for the earlier of the duration of the suspension or until such time as another licensee, certificate holder, approved agency, special inspector, or registered design professional is designated or until such permits expire.

(c) Conduct of hearing by office of administrative trials and hearings. The administrative law judge assigned to hear any matter specified in this rule shall submit his or her proposed findings of fact and recommended decision to the [c]Commissioner. Where the [c]Commissioner has summarily suspended a license or certificate of competence pursuant to Administrative Code §28-401.19.1, at the conclusion of the hearing on the first return date, the administrative law judge may lift the suspension, finally determine the matter, or, if the administrative law judge finds that the summary suspension was appropriate, but that further hearings are necessary to make a final determination of the charges, the administrative law judge may make a finding as to the need for further hearings and continue the suspension pending such further hearings without need for issuance of a [c]Commissioner's order.

§12. Section 104-09 of subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended to read as follows:

§104-09 Hoisting Machine Operators [Class C].

(a) Qualifications. In addition to the qualification requirements set forth in the Administrative Code, an applicant for a Class A, B or C Hoisting Machine Operator license shall satisfy the following requirements:

(1) An applicant for a Class A, B or C Hoisting Machine Operator license shall possess a valid driver's license effective for the term of the Hoisting Machine Operator license sought.

(2) An applicant for a Class A, B or C Hoisting Machine Operator license shall provide evidence on a form prescribed by the Commissioner that he or she has passed a physical exam that complies with the standards of ASME B 30.5-2007, or the most recent version approved by the Department, and that he or she has complied with the substance abuse testing provisions and standards of ASME B 30.5-2007, or the most recent version approved by the Department. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

(3) [Applicants] An applicant for a Class C Hoisting Machine Operator license shall satisfy the qualification and examination requirements of the Administrative Code by complying with the following requirements:

[(1) Applicants] (i) An applicant shall furnish to the Department a certification issued by [the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department] an organization accredited by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The certification shall authorize operation of the type of equipment for which the applicant seeks a license. The applicant shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new specialties acquired. The applicable certification shall be maintained continuously for the duration of the license term.

[(2) Applicants] (ii) An applicant shall provide proof of experience demonstrating two (2) years of work, within the three (3) years prior to application, under the direct and continuing supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction that regulates crane operators. The qualifying work shall include instruction in outrigger placement incorporating at least 100 crane set-ups. At least one (1) year of the qualifying work must have been undertaken in the city of New York or in an urban area of comparable density, as determined by the [c]Commissioner.

(iii) Additional qualification requirements. In addition to the qualification requirements set forth in the Administrative Code and in this

subdivision (a), all Hoisting Machine Operator Class C license applicants shall complete a forty- (40) hour training course, approved by the Department, covering those provisions of local law and regulation that are unique to New York City.

(b) Fitness requirements for renewal and reinstatement. As a condition of license renewal or reinstatement, a licensed or previously licensed Class A, B or C Hoisting Machine Operator shall provide evidence of fitness to perform the work authorized to be performed by a holder of the license [type] held or once held by the applicant. Such evidence shall consist of:

(1) For Class A, B and C Hoisting Machine Operators, evidence on a form prescribed by the Commissioner that the licensee has passed a physical exam that complies with the standards of ASME B 30.5-2007, or the most recent version approved by the Department, and that the licensee has complied with the substance abuse testing provisions and standards of ASME B 30.5-2007, or the most recent version approved by the Department. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

(2) For Class C Hoisting Machine Operators, a valid certification(s) issued by [the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department] an organization accredited by the National Commission for Certifying Agencies (NCCA) or the American National Standards Institute (ANSI) and acceptable to the Commissioner. The certification shall authorize the operation of the type of equipment for which the [licensee is licensed] license is held or sought and the licensee shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new specialties acquired. [Class C Hoisting Machine Operator's licenses that have been or will be renewed or reinstated at any time between July 1, 2008 and September 30, 2009 shall be conditioned on the licensee's satisfaction of the requirements of this rule by September 30, 2009, and shall lapse, effective October 1, 2009, upon failure to satisfy such condition, provided, however, that the commissioner may for cause, following notice and an opportunity to be heard, accelerate the date by which holders of such licenses must satisfy the requirements of this rule and in such case, upon failure to satisfy such condition, the license shall lapse. Renewal applicants shall satisfy the requirements of this rule at every subsequent renewal. The licensee shall pay the full license renewal or reinstatement fee at the time of renewal or reinstatement.]

(3) A renewal applicant shall possess a valid driver's license effective for the term of the renewal sought.

(4) A renewal applicant shall satisfy the requirements of this rule at every subsequent renewal.

(c) [Licensees] Hoisting Machine Operator Class A and B licensees shall provide to the Department no later than [September 30, 2009 or at an earlier date determined by the commissioner pursuant to subdivision (b)] six months after the effective date of this section, or upon application, renewal, or re[-]instatement, as applicable[:], the information required in paragraph (1) of subdivision (b) of this section. The Commissioner may for cause, following notice and an opportunity to be heard, accelerate the date by which holders of Hoisting Machine Operator Class A and B licenses must satisfy the requirements of this subdivision and in such case, upon failure to satisfy such condition, the license shall lapse.

[(1) Evidence of having passed a physical exam that complies with the standards of ASME B 30, effective for the term of the license sought or held by the licensee; and

(2) Evidence of having certified compliance with the substance abuse testing provisions and standards of ASME B 30, effective for the term of the license sought or held by the licensee. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

(3) Evidence of a valid certification(s) issued by the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department.]

(d) A Class A, B or C Hoisting Machine Operator license issued following compliance with this rule shall authorize the operation of only that type of equipment for which Department records indicate the licensee is qualified or certified.

(e) The provisions of this rule shall be in addition to the qualification, renewal and reinstatement requirements prescribed by articles 401 and 405 of title 28 of the Administrative Code.

(f) In addition to any other documents required to be maintained on[-] site by a licensed Class A, B or C Hoisting Machine Operator, such Operator shall have on[-] site at all times the following documents:

(1) [The] For a Class C licensee only, the certification(s) issued to him or her by [the National Commission for the Certification of Crane Operators or equivalent certification entity approved by the Department] an organization accredited by the National Commission for Certifying Agencies (NCCA) or the



American National Standards Institute (ANSI) and acceptable to the Commissioner; and

(2) The hoisting machine operator license issued to him or her by the Department,[]; and

(3) Evidence of having passed a physical exam that complies with the standards of ASME B 30, effective for the term of the license held by the licensee; and

(4) Evidence of having certified compliance with the substance abuse testing provisions and standards of ASME B 30, effective for the term of the license held by the licensee.]

§13. Subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended by adding a new section 104-10 to read as follows:

§104-10 Riggers.

(a) Qualifications. In addition to the qualification and examination requirements of the Administrative Code, an applicant for the following types of rigger licenses shall satisfy the following requirements:

(1) Master Rigger. An applicant for a Master Rigger license shall have successfully completed a Department-approved training course of not less than thirty (30) hours, including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:

(i) Rigging methods, hardware, and equipment;

(ii) Hoisting machines, including cranes and derricks;

(iii) Climber/tower crane assembly, jumping, and disassembly;

(iv) Suspended scaffolds;

(v) Critical picks; and

(vi) Fall hazards and fall protection.

(2) Special Rigger. An applicant for a Special Rigger license shall have successfully completed a Department-approved training course of not less than thirty (30) hours, including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:

- (i) Rigging methods, hardware, and equipment;
- (ii) Hoisting machines with a manufacturers rated capacity of one ton or less;
- (iii) Suspended scaffolds;
- (iv) Critical picks; and
- (v) Fall hazards and fall protection.

(3) Climber or tower crane rigger. An applicant for a Climber or Tower Crane Rigger license shall have successfully completed a Department-approved training course of not less than thirty (30) hours, including instruction on inspection, maintenance, repair, use, installation, hazards associated with, and the relevant sections of the building code and industry practice with regards to:

- (i) Climber/tower crane assembly, jumping, and disassembly; and
- (ii) Fall hazards and fall protection.

(4) Previous course. Any person who, within the three (3) years prior to the date of the application has successfully completed at least a thirty- (30) hour training course meeting the requirements of this subdivision need not take a second thirty- (30) hour course, provided such person provides the Department a dated certificate evidencing completion of such a training course. Such person shall, however, be subject to the continuing education requirements of §104-06 of this subchapter.

(5) Fitness. An applicant for a Master, Special or Climber or Tower Crane Rigger license shall provide evidence of fitness to perform the work authorized by the license. Such evidence shall be on a form prescribed by the Commissioner and shall establish that the applicant has passed a physical exam that complies with subdivision (c) of this section, and that the applicant has complied with the substance abuse testing provisions and standards of subdivision (c) of this section. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

(6) Additional requirements.

- (i) Where a licensed master rigger chooses to personally supervise the installation or use of a suspended scaffold, the licensee shall have completed all additional training required by section 9-03 of title 1 of the rules of the city of New York.

(ii) Where a licensed master rigger chooses to personally supervise the assembly, jump, or disassembly of a climber/tower crane, the licensee shall have completed all additional training required by section 3319.10 of the building code.

(iii) Where a licensed special rigger chooses to personally supervise the installation or use of a suspended scaffold, the licensee shall have completed all additional training required by section 9-03 of title 1 of the rules of the city of New York.

(b) Fitness requirements for renewal and reinstatement. As a condition of license renewal or reinstatement, a licensed or previously licensed Master, Special or Climber or Tower crane rigger shall provide evidence of fitness to perform the work authorized to be performed by a holder of the license held or once held by the applicant. Evidence shall be on a form prescribed by the Commissioner and shall establish that the applicant has passed a physical exam that complies with subdivision (c) of this section, and that the applicant has received a negative result for a substance abuse test as required in subdivision (c) of this section. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department. A renewal applicant shall satisfy the requirements of this rule at every subsequent renewal.

(c) Physical exam. Applicants for a Master, Special or Climber or Tower Crane Rigger license shall meet the following physical qualifications, unless it can be shown that failure to meet the qualifications will not affect the ability to perform the work authorized to be performed by a holder of the license sought. In such cases, specialized clinical or medical judgments and tests may be required. The following physical qualifications shall be met at all times throughout the term of the license.

(1) Vision of at least 20/30 Snellen in one eye and 20/50 in the other, with or without corrective lenses.

(2) Ability to distinguish colors, regardless of position, if color differentiation is required to perform the work authorized to be performed by the license.

(3) Adequate hearing to meet operational demands, with or without hearing aid.

(4) Sufficient strength, endurance, agility, coordination, and speed of reaction to meet job demands.

(5) Normal depth perception, field of vision, reaction time, manual dexterity, coordination, and no tendencies to dizziness or similar undesirable characteristics.

(6) A negative result for a substance abuse test.

(7) No evidence of having physical defects or emotional instability that could create a hazard for the rigger or others, or that in the opinion of the examiner could interfere with the rigger's performance.

(8) No evidence of being subject to seizures or loss of physical control.

§14. Subchapter D of chapter 100 of title 1 of the rules of the city of New York is amended by adding a new section 104-11 to read as follows:

§104-11 Welders.

(a) Qualifications. An applicant for a welder license shall satisfy the qualification and examination requirements of the Administrative Code by complying with the following requirements:

(1) Applicants shall furnish to the Department a welder certification issued by the American Welding Society or the State of New York. The applicant shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new certifications acquired. The applicable certification shall be maintained continuously for the duration of the license term and shall authorize performance of the type of welds the licensee performs.

(2) Applicants shall provide evidence of fitness to perform the work authorized to be performed by a holder of the license sought. Such evidence shall consist of documentation on a form prescribed by the Department that the applicant has passed a visual acuity test effective for the term of the license sought.

(b) Fitness requirements for renewal and reinstatement. As a condition of license renewal or reinstatement, a licensed or previously licensed welder shall provide evidence of fitness to perform the work authorized to be performed by a holder of the license held or once held by the licensee. Such evidence shall consist of:

(1) A welder certification issued by the American Welding Society or the State of New York. The licensed or previously licensed welder shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new certifications acquired. The applicable certification shall be maintained continuously for the duration of the license term and shall authorize performance of the type of welds the licensee performs.

(2) Documentation on a form prescribed by the Department that the licensee has passed a visual acuity test effective for the term of the license held or once held by the licensee.

(3) A renewal applicant shall satisfy the requirements of this subdivision at every subsequent renewal.

## **STATEMENT OF BASIS AND PURPOSE**

The foregoing rule is promulgated pursuant to the authority of the Commissioner of Buildings under Sections 643 and 1043(a) of the New York City Charter.

This rule amends §104-01 by clarifying the meaning of the term “license” and by listing the license examinations for which the Department expects to assume operational authority: Electrician (Master/Special), High Pressure Boiler Operating Engineer, Master Fire Suppression Piping Contractor (Classes A and B), Master Plumber, Oil Burning Equipment Installer (Classes A and B), Portable High Pressure Boiler Operating Engineer, Rigger (Master/Special/Tower), and Sign Hanger (Master/Special). It also adds provisions that indicate how an applicant can verify required experience.

The rule also clarifies and updates § 104-02, reflecting the license types required to submit proof of general liability, workers’ compensation and disability insurance; by adding a requirement that licensees shall ensure that their insurance policies cover the city, its officials and employees as “Additional Insured”; by prescribing certain standard notification and indemnity provisions in required insurance; and by adding a requirement that all submitted insurance documents must not contain any handwritten corrections.

Amendments to §§ 104-03 and 104-05 reflect recently enacted legislation requiring a Safety Registration. Section 104-03 is also amended to indicate the term of electrical licenses is one year, not three.

Section 104-06 reflects proposed new training requirements for Riggers and new substantive and procedural requirements for course providers.

The rule amends §104-07 to add a missing reference to § 105-05 relating to the Office of Administrative Trials and Hearings.

The rule additionally amends §104-09 governing Class A, B or C Hoisting Machine Operator licensees and/or applicants; to add qualification, examination and fitness requirements for license issuance, renewal and reinstatement; deletes certain requirements that are no longer relevant due to the passage of time; and extends the period for which Hoisting Machine Operator Classes A and B licensees shall provide to the Department certain information required to demonstrate fitness.

The rule further adds a new §104-10 containing training requirements for Master, Special and Climber or Tower Crane Riggers, reflecting the provisions of Local Law 44 of 2008, and requires evidence of fitness for all Riggers pursuant to Administrative Code §28-401.8 and §28-404.4.3.

A new section is added to cover Welders. Section 104-11 reflects the Department’s shift from administering local examinations for welder license applicants to accepting American Welding Society or New York State-issued welder certifications.



This rule has an effective date of 02-20-09.

Robert D. LiMandri  
Commissioner  
rlimandri@buildings.nyc.gov

280 Broadway  
(Floor)  
New York, NY 10007  
www.nyc.gov/buildings

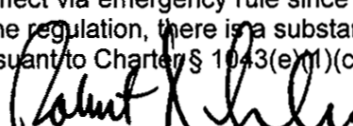
+1 212 566 3103 tel  
+1 212 566 3785 fax


Statement of Substantial Need for Earlier Implementation

I hereby find, pursuant to § 1043, subdivision e, paragraph 1(c) of the New York City Charter, and hereby represent to the Mayor, that there is a substantial need for the earlier implementation of new Subchapter D and Sections §104-01 through §104-07, §104-09 and §104-22 to Chapter 100 of Title 1 of the Official Compilation of the Rules of the City of New York, relating to licensing and qualification and regulation of businesses, trades and occupations engaged in building work.

The rule sets forth the procedures that will govern the Department's administration of certain licensing exams and addresses license terms for licenses of various types making clear that the Commissioner maintains the authority to stagger the issuance of licenses based on considerations other than the date of issuance of the subject license, or to otherwise provide for reasonable implementation of modifications to the terms. The rule also specifies insurance amounts, applicability to specific license categories, proper documentation, and certificate requirements and updates and recognizes the need to exempt certain licensees from required workers' compensation and disability insurance requirements when the licensee has no employees. In addition, the rule specifies requirements and procedures for license reinstatement, specifying the licensees required to meet continuing education requirements, and setting forth their course requirements as well as requirements for course providers seeking Department approval. Furthermore, the rule also reflects licensee obligations such as notification of address change and notification of criminal conviction. Finally, the rule requires license applicants to take examinations as provided in Department rule and authorizes the commissioner to require hoisting machine operators to provide proof of fitness to perform authorized work as a condition to license renewal.

§104-09 contains certification requirements for certain crane operators that have been in effect via emergency rule since October 22, 2008. Therefore, in order to avoid a gap in the regulation, there is a substantial need for the earlier implementation of these rules pursuant to Charter § 1043(e)(1)(c).

  
Robert D. LiMandri  
Commissioner  
Department of Buildings

APPROVED:   
Michael R. Bloomberg  
Mayor

DATE: 2-17-09

**safety**

**service**

**integrity**

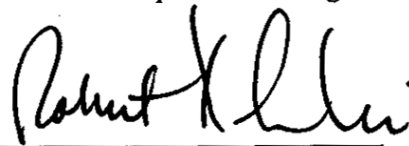
## NOTICE OF ADOPTION OF RULE

**NOTICE IS HEREBY GIVEN**, pursuant to the authority vested in the Commissioner of Buildings by Section 643 of the New York City Charter and in accordance with Section 1043 of the Charter and Title 28, Article 401 of the Administrative Code, that the Department of Buildings hereby adopts a new Subchapter D and Sections §104-01 through §104-07, §104-09 and §104-22 to Chapter 100 of Title 1 of the Official Compilation of the Rules of the City of New York relating to licensing.

Matter underlined is new.

This rule was first published on December 22, 2008 and a public hearing thereon was held on January 26, 2009.

Dated: 2.17, 2009  
New York, New York

  
Robert D. LiMandri  
Commissioner

Section 1. Title 1 of the Rules of the City of New York is amended by adding a new Subchapter D and Sections §104-01 through §104-07, §104-09 and §104-22 to Chapter 100 of Title 1 of the Rules of the City of New York, to read as follows:

Subchapter D  
Licensing and Registration of Businesses, Trades and Occupations  
Engaged in Building Work

§104-01 Examinations and Other Qualifications.

(a) Definitions. For purposes of this rule, the term “license” shall include “certificate of competence” whenever such a certificate is required by Chapter 4 of title 28 of the Administrative Code.

(b) Examinations

(1) Applicability



(i) This subdivision (b) shall apply to Department-sponsored examinations administered for the following licenses:

(A) Site Safety Manager Certificate

(B) Private Elevator Inspection Agency Director Certificate

(C) Private Elevator Inspection Agency Inspector Certificate

(D) Additional license types may be added to this listing as responsibility for their administration is transferred from the Department of Citywide Administrative Services to the Department of Buildings.

(2) Examination procedures.

(i) The examination shall consist of a written and/or a practical test, and a background investigation of the applicant's character and fitness and training/experience.

(ii) Candidates must first apply for the written examination by submitting an application on a form prescribed by the Department to the Department's Licensing Unit or its designee. The application must be accompanied by the examination fee and any other required documents as set forth in the Department's rules.

(iii) Failed written test.

(A) Candidates who fail the written test must wait at least fourteen (14) days before retaking it.

(B) Each time a candidate wishes to take the written test, including after a failure, the candidate must reapply to the Department and pay the required fee as set forth in the Department's rules.

(C) Candidates may take the written test three (3) times within a six (6) month period.

(D) Candidates who fail the written test three times within six (6) months must wait six (6) months before applying again to take the written test, in accordance with the procedure in paragraph (c) of this rule.

(iv) A candidate who has been notified of failure to pass the written test may appeal such failure only if the candidate has failed by not more than

five (5) points. Such appeal must be in writing with an original signature and addressed as the Commissioner may require. The appeal must state the title of the license examination, the applicant's name, return address and social security number, the date of the test and a detailed statement of the grounds for appeal. The appeal must be received not later than thirty (30) days from the date of notification of failure to pass the license exam.

(3) Issuance of license after examination.

(i) A candidate who passes the required examination as provided in this rule and who is found to have met the qualifications of §28-401.6 of the Administrative Code, after an investigation, shall receive a notice of qualification from the Department.

(ii) Upon receipt of the notice of qualification, the applicant must contact the Department's Licensing Unit to schedule an appointment to obtain the license.

(iii) The applicant shall appear and furnish to the Department all requested original forms, documents and fees within one (1) year of the date of the Department's notice of qualification. Failure to do so within the time specified will result in the denial of the license and will require a re-examination and reapplication.

(iv) License examinations administered by other agencies. License examinations administered by other agencies for licenses regulated by the Department shall continue to be subject to such other agency's rules and regulations regarding examinations and investigations until the responsibility for administering particular licensing examinations is transferred to the Department, at which point the provisions of this rule shall apply.

(c) Education, training and experience. An applicant must possess the minimum education, training and/or experience requirements specified by the Administrative Code at the time of filing the application. For purposes of this subdivision (c), the term "experience" refers to that experience gained as the result of full-time employment, unless otherwise determined by the Commissioner.

(d) Investigation.

(1) The Department or its designee shall conduct an investigation of each candidate to determine the candidate's fitness and qualification for the license. An applicant's failure to meet the requirements specified by the Administrative Code or by the Department's rules, and/or an applicant's refusal to cooperate with an investigation, will result in denial of the license or certificate of competence.

(2) Candidates who refuse to provide all requested documents within six (6) months of the date of request shall be denied a license or certificate of competence.

(3) A candidate who has been notified of failure to meet the fitness and qualification requirements may request reconsideration provided that the candidate has additional relevant information or documentation for the Department's review. Such appeal must be in writing with an original signature and addressed as the Commissioner may require. The request for reconsideration must state the title of the license examination, the applicant's name and return address, the date of the Department's denial and a detailed statement of the grounds for reconsideration with any supporting documentation. The request for reconsideration must be received not later than sixty (60) days from the date of notification of the denial of the license.

(e) Change of address.

(1) Candidates shall promptly notify the Department in writing of any address change that occurs after filing the license application.

(2) Failure to furnish such notification may result in denial of the license..

§104-02 Proof of required insurance.

(a) General liability insurance.

(1) The following licensees are required to submit proof of insurance prior to issuance or renewal of a license:

(i) Master Plumber

(ii) Master Fire Suppression Piping Contractor

(iii) Master Electrician

(iv) Special Electrician (to the extent of his/her employer's coverage)

(v) Rigger (Master/Special)

(vi) Sign Hanger (Master/Special)

(vii) Elevator Inspection Agency Director

(viii) General Contractors.

(2) Each holder of and applicant for a license shall secure Commercial General Liability (CGL) insurance policy or policies satisfying the requirements in this subparagraph. All CGL insurance policies, whether primary, excess or umbrella, shall:

(i) Be issued by a company or companies that may lawfully issue the required policy and has an A.M. Best rating of at least A-VII or a Standard and Poor's rating of at least AA.

(ii) Provide coverage at least as broad as that provided by the most recent edition of ISO Form CG 0001;

(iii) Provide coverage of at least \$1,000,000 (one million dollars) combined single limit per occurrence

(iv) Contain the following endorsement: This policy shall not be cancelled or terminated, or modified or changed unless thirty (30) days prior written notice is sent to the Named Insured and the commissioner of the New York City Department of Buildings, except that notice of termination for non-payment may be made on only ten (10) days written notice.

(3) Each holder of and applicant for a license shall file with the Department proof that there is in place insurance that provides the coverage set forth in this subdivision. Proof may consist of an insurance certificate, in which case the insurance certificate shall be accompanied by a sworn statement in a form prescribed by the Department from the insurer or from a licensed insurance broker certifying that the insurance certificate may be relied upon as proof that the certificate is accurate in all respects and that the insurance certified thereon is in force.

(4) The holder of and applicant for a license shall provide a copy of any required policy within thirty days of a request for such policy by the Department or the New York City Law Department.

(5) A failure by the City or the Department to enforce any of the foregoing requirements shall not constitute a waiver of such requirement or any other requirement.

(b) Workers' compensation insurance and disability insurance. Holders of and applicants for the license types specified in this subdivision shall, at their expense, procure and maintain workers' compensation and disability insurance:

(1) Master Plumber

(2) Master Fire Suppression Piping Contractor

(3) Master Electrician

(4) Special Electrician (to the extent of his/her employer's coverage)

- (5) Oil Burner Equipment Installer
- (6) Rigger (Master/Special)
- (7) Sign Hanger (Master/Special)
- (8) Elevator Inspection Agency Director
- (9) General Contractor

(c) Acceptable forms:

(1) Workers' compensation insurance. The licensee must submit one of the following forms to the Department, or another form acceptable to the Department, or exemption from required coverage:

- (i) C-105.2 Certificate of Worker's Compensation Insurance.
- (ii) U-26.3 -- State Insurance Fund Certificate of Workers' Compensation Insurance.
- (iii) Request for WC/DB Exemption (Form CE-200).

(2) Disability insurance. The licensee must submit a form demonstrating required disability insurance coverage or exemption from required coverage.

(d) Requirements for all submitted insurance certificates.

(1) Insurance certificate requirements. All submitted insurance certificates must contain the following:

- (i) The licensee's license or tracking number(s).
- (ii) The insurance policy number(s).
- (iii) The federal Employer Identification Number of the insured or the social security number on any workers' compensation or disability certificates.
- (iv) The policy holder's business address, which cannot be a post office box. The address must appear exactly as on the Department's Buildings Information System ("BIS").

(v) New York City Department of Buildings, Attn: Licensing Unit, 280 Broadway, 6<sup>th</sup> Floor, New York, NY 10007 shall be specified as a certificate holder.

§104-03 Term of license.

(a) The term of a license issued to a new or renewal applicant for which an examination is required shall be three (3) years, measured from the date the license is issued, except as otherwise specified in this rule.

(b) The term of a license issued to a new or renewal applicant for which no examination is required shall be one (1) year, measured from the date the license is issued, except as otherwise specified in this rule.

(c) The term of a construction superintendent registration issued to a new or renewal applicant shall be three (3) years measured from the date the registration is issued.

(d) The term of a general contractor registration issued to a new or renewal applicant shall be three (3) years, measured from the date of the applicant's birthday.

(e) The term of a concrete safety manager registration issued to a new or renewal applicant shall be three (3) years, measured from the date the registration is issued.

(f) Nothing contained herein shall limit the authority of the Commissioner to stagger the issuance of licenses based on considerations other than the date of issuance of the license or to otherwise provide for reasonable implementation of modifications to license terms.

§104-04 Renewal . License renewals shall be governed by the provisions of Administrative Code §28-401.12.

§104-05 Reinstatement of license. In accordance with §28-401.13 of the Administrative Code, a license may be reinstated in accordance with the following requirements.

(a) A license that has been expired for less than one year may be reinstated upon filing of an application with the Department. Such reinstatement shall be subject to any applicable late and reinstatement fees.

(b) A license that has been expired for a period of one year to five years from the date of expiration may be reinstated without examination where the applicant demonstrates continued competence and completion of any and all required continuing education requirements.

(1) Continued competence shall be demonstrated by the applicant's active and legal engagement in the trade for which the applicant's license was issued. The applicant shall supply the Department with the following:

(i) A resume detailing employment history and the duties the applicant performed in each position during the time the license was expired;

(ii) A signed and notarized statement from the applicant's employer stating the nature of the applicant's duties and the dates of such employment;

(iii) For work in the trade requiring the supervision of a licensed person in accordance with Chapter 4 of the Code, a signed and notarized (or sealed) statement from the supervising licensee stating that he or she supervised the applicant, the dates of such supervision and the nature of the applicant's duties; and

(iv) Any other documentation the Department deems appropriate.

(2) An applicant for reinstatement must be actively and legally engaged in the trade during the time period between the expiration of the license and the date of the application for reinstatement, except for periods of time away from the trade not to exceed, in the aggregate, one (1) year.

(3) A candidate shall appear and furnish to the Department all requested original forms, documents and fees within six (6) months of the date of the request for reinstatement. Failure to do so will result in the denial of the reinstated license and will require a reexamination and reapplication.

(c) No license shall be reinstated if it is expired for over five (5) years. The applicant must reapply for a new license and meet all applicable qualifications, including any required examination.

(d) Exceptions to reinstatement provisions. If an application for renewal of a license for Construction Superintendent, Concrete Safety Manager or General Contractor is not filed within one year of a registration's expiration, the applicant must reapply for a new registration and meet all applicable qualifications.

§104-06 Continuing education requirements.

(a) Applicability. This section shall be applicable to license holders seeking renewal of licenses requiring the completion of continuing education course(s) and to applicants seeking Department approval to provide continuing education courses for the following license types:

- (1) Construction Superintendent.
- (2) Master Plumber.
- (3) Master Fire Suppression Piping Contractor.
- (4) Site Safety Manager.
- (5) Site Safety Coordinator.
- (6) Concrete Safety Manager.
- (7) Master Electrician.
- (8) Special Electrician.

(b) Course requirements for license renewals. The following courses are required for renewal of the below listed license types:

- (1) Construction Superintendent. During the one (1) year period immediately prior to renewal, the licensee shall have successfully completed a Site Safety Manager refresher course approved by the Department, or any equivalent course(s) approved by the Department, including those in electronic format.
- (2) Concrete Safety Manager. During the one (1) year immediately prior to renewal, the licensee shall have successfully completed an eight (8) hour Department approved course that is sufficient to qualify the individual as a competent person under OSHA standards to oversee concrete operations or any equivalent course(s) approved by the Commissioner, including those in electronic format.



(3) Master Plumber and Master Fire Suppression Piping Contractor. During the two (2) year period immediately prior to renewal, the licensee shall have successfully completed a one-day (7 hour) continuing education course approved by the Department.

(4) Site Safety Manager. During the one (1) year period immediately prior to renewal, the licensee shall have successfully completed a Site Safety Manager refresher course approved by the Department.

(5) Site Safety Coordinator. During the two (2) year period immediately prior to renewal, the licensee shall have successfully completed a Site Safety Manager refresher course approved by the Department.

(6) Master Electrician and Special Electrician. Effective January 1, 2010, during the one (1) year period immediately prior to renewal, the licensee shall have successfully completed a course of at least 8 hours, at least 4 hours of which shall focus on the New York City Electrical Code, approved by the Department.

(c) Course providers and content. Course providers seeking the Department's approval of courses shall submit written proposals that include the following:

(1) Identification of the type(s) and class(es) of licensees for which the proposed course(s) will be taught;

(2) A proposed curriculum appropriate for the type(s) and class(es) of licensees to which the course(s) will be taught. Except for Master and Special Electricians, no more than 4 hours of any curriculum shall consist of course materials or credits to be applied to multiple license types. All curricula shall include but not be limited to:

(i) Business practices;

(ii) Relevant building code provisions, rules, and policy and procedure notices enacted or promulgated by the Department;

(iii) Department of Environmental Protection Water Rules for master plumber and master fire suppression piping contractor courses;

(iv) Occupational Safety and Health Standards for the Construction Industry for Site Safety Manager and Site Safety Coordinator courses;

(v) For Master Electricians and Special Electricians, relevant New York City Fire Department code provisions, rules and policies, and relevant utility regulations;

(vi) Relevant Department of Buildings filing and inspection requirements;

- (vi) Safety/hazardous materials;
  - (viii) New technology;
  - (ix) Integrity/anti-corruption standard;, and
  - (x) Other subjects identified by the Commissioner.
- (3) A schedule detailing the proposed course cost(s) to individuals and/or groups wishing to enroll;
- (4) A listing of proposed course availability, including a schedule of their times and locations;
- (5) A detailed statement of the proposed provider's qualifications, including but not limited to instruction staff names and qualifications, other jurisdictions in which the provider has been approved to provide continuing education or other courses (if any), the composition of its governing authority, identification of its administrative resources (physical and human), certification that its facilities and equipment are adequate to deliver the training program, and documentation of financial viability;
- (6) A detailed statement of the proposed provider's procedures for confirming the identity of individuals taking any course(s) and for the issuance of a fraud-resistant document demonstrating that a licensee attended the course(s);
- (7) A commitment to generate and retain for 5 years records of the course(s) offered, including attendance logs for each session of each course and course evaluations by the attendees; and
- (8) Such other items as the Commissioner may deem appropriate and necessary.
- (d) Course approval. The Department of Buildings shall notify proposed course providers in writing of its approval. The Department may reevaluate approved courses through audit or other means at such intervals as it deems necessary and may withdraw approval or impose additional requirements.
- (e) Listing of approved course providers. Approved course providers shall be listed on the Department's website.

#### §104-07 Suspension or revocation.

- (a) Hearings concerning disciplinary proceedings pursuant to Administrative Code §28-401.19 seeking suspension or revocation, with or without penalties, against any licensee or holder of a certificates of competence issued by the Department shall be held before the Office of Administrative Trials and Hearings and shall be governed by the rules of procedure utilized at that tribunal.

(b) Stop work and suspension of permits. Upon any suspension or revocation of a license, certificate of competence, approval or authorization, unless replaced by another licensee, certificate holder, approved agency, special inspector, or registered design professional within five (5) business days of such suspension or revocation, all open jobs on which the licensee, certificate holder, approved agency, special inspector, or registered design professional is designated shall be stopped and the permits shall be suspended until such time as another licensee, certificate holder, approved agency, special inspector, or registered design professional is designated or such permits expire. Where the commissioner has summarily suspended a license or certificate of competence pursuant to Administrative Code §28-401.19.1, all open jobs on which the licensee, certificate holder, approved agency, special inspector, or registered design professional is designated shall be stopped immediately and the permits shall be suspended immediately for the earlier of the duration of the suspension or until such time as another licensee, certificate holder, approved agency, special inspector, or registered design professional is designated or until such permits expire.

(c) Conduct of hearing by office of administrative trials and hearings. The administrative law judge assigned to hear any matter specified in this rule shall submit his or her proposed findings of fact and recommended decision to the commissioner. Where the commissioner has summarily suspended a license or certificate of competence pursuant to Administrative Code §28-401.19.1, at the conclusion of the hearing on the first return date, the administrative law judge may lift the suspension, finally determine the matter, or, if the administrative law judge finds that the summary suspension was appropriate, but that further hearings are necessary to make a final determination of the charges, the administrative law judge may make a finding as to the need for further hearings and continue the suspension pending such further hearings without need for issuance of a commissioner's order.

#### §104-09 Hoisting Machine Operators Class C.

(a) Applicants for a Class C Hoisting Machine Operator license shall satisfy the qualification and examination requirements of the Administrative Code by complying with the following requirements:

(1) Applicants shall furnish to the Department a certification issued by the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department. The certification shall authorize operation of the type of equipment for which the applicant seeks a license. The applicant shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new specialties acquired. The applicable certification shall be maintained continuously for the duration of the license term.

(2) Applicants shall provide proof of experience demonstrating two years work, within the three years prior to application, under the direct and continuing

supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction that regulates crane operators. The qualifying work shall include instruction in outrigger placement incorporating at least 100 crane set-ups. At least one year of the qualifying work must have been undertaken in the city of New York or in an urban area of comparable density, as determined by the commissioner.

(b) Fitness requirements for renewal and reinstatement. As a condition of license renewal or reinstatement, a licensed or previously licensed Class C Hoisting Machine Operator shall provide evidence of fitness to perform the work authorized to be performed by a holder of the license type held or once held by the applicant. Such evidence shall consist of a valid certification(s) issued by the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department. The certification shall authorize the operation of the type of equipment for which the licensee is licensed and the licensee shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new specialties acquired. Class C Hoisting Machine Operator's licenses that have been or will be renewed or reinstated at any time between July 1, 2008 and September 30, 2009 shall be conditioned on the licensee's satisfaction of the requirements of this rule by September 30, 2009, and shall lapse, effective October 1, 2009, upon failure to satisfy such condition, provided, however, that the commissioner may for cause, following notice and an opportunity to be heard, accelerate the date by which holders of such licenses must satisfy the requirements of this rule and in such case, upon failure to satisfy such condition, the license shall lapse. Renewal applicants shall satisfy the requirements of this rule at every subsequent renewal. The licensee shall pay the full license renewal or reinstatement fee at the time of renewal or reinstatement.

(c) Licensees shall provide to the Department no later than September 30, 2009 or at an earlier date determined by the commissioner pursuant to subdivision (b) or upon application, renewal, or re-instatement, as applicable:

(1) Evidence of having passed a physical exam that complies with the standards of ASME B 30, effective for the term of the license sought or held by the licensee; and

(2) Evidence of having certified compliance with the substance abuse testing provisions and standards of ASME B 30, effective for the term of the license sought or held by the licensee. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

(3) Evidence of a valid certification(s) issued by the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department.

(d) A Class C Hoisting Machine Operator license issued following compliance with this rule shall authorize the operation of only that type of equipment for which Department records indicate the licensee is certified.

(e) The provisions of this rule shall be in addition to the qualification, renewal and reinstatement requirements prescribed by articles 401 and 405 of title 28 of the Administrative Code.

(f) In addition to any other documents required to be maintained on-site by a licensed Class C Hoisting Machine Operator, such Operator shall have on-site at all times the following documents:

(1) The certification(s) issued to him or her by the National Commission for the Certification of Crane Operators or equivalent certification entity approved by the Department; and

(2) The hoisting machine operator license issued to him or her by the Department; and

(3) Evidence of having passed a physical exam that complies with the standards of ASME B 30, effective for the term of the license held by the licensee; and

(4) Evidence of having certified compliance with the substance abuse testing provisions and standards of ASME B 30, effective for the term of the license held by the licensee.

#### §104-22 Other obligations.

(a) Licensees shall promptly notify the Department in writing of any address change within thirty (30) days of the change.

(b) Licensees, as part of their obligation to maintain good moral character, shall notify the Department in writing of any criminal conviction within ten (10) days of the occurrence.

## **STATEMENT OF BASIS AND PURPOSE**

This rule is adopted pursuant to the authority of the Commissioner of Buildings under sections 643 and 1043(a) of the New York City Charter and Title 28, Article 401 of the New York City Administrative Code. Article 401 authorizes rulemaking regarding the licensing, qualification and regulation of businesses, trades and occupations engaged in building work.

The rule sets forth the procedures that will govern the Department's administration of certain licensing exams. The rule will apply to specified license types; other license types may be added as responsibility for their administration is assumed by the Department. The rule also covers investigations of license applicants and certain administrative housekeeping matters.

In addition, the rule addresses license terms for licenses of various types and makes clear that the Commissioner maintains the authority to stagger the issuance of licenses based on considerations other than the date of issuance of the subject license, or to otherwise provide for reasonable implementation of modifications to the terms.

The rule also implements §28-401.9 by specifying insurance amounts, applicability to specific license categories, proper documentation, and certificate requirements and updates. It recognizes the need to exempt certain licensees from required workers' compensation and disability insurance requirements when the licensee has no employees.

The rule implements §28-401.13 and §28-401.14 by specifying requirements and procedures for license reinstatement, specifying the licensees required to meet continuing education requirements, and setting forth their course requirements as well as requirements for course providers seeking Department approval.

The rule also reflects miscellaneous licensee obligations not confined to the material covered in any one of the sections of Subchapter D. Such topics include notification of address change and notification of criminal conviction.

Finally, the rule contains provisions based on Sections 28-401.7 and 28-405.4 of the Administrative Code. The first requires license applicants to take examinations as provided in Department rule. The second authorizes the commissioner to require hoisting machine operators to provide proof of fitness to perform authorized work as a condition to license renewal. Recent crane accidents have prompted the City to re-assess its testing and ongoing training requirements for all persons involved in the operation of cranes, including Class C Hoisting Machine Operators. The examination for the Class C Hoisting Machine Operator license is alleged by law enforcement authorities to have been the subject of improprieties, making it necessary for the Department to take permanent steps to restore integrity to the examination and license renewal processes for this license type.



### **FINDING OF IMMEDIATE THREAT**

IT IS HEREBY CERTIFIED that the immediate effectiveness of the emergency rule relating to the qualifications of Class C Hoisting Machine Operators is necessary to prevent an immediate threat to health, safety and property, by addressing recently demonstrated gaps in the integrity of the license examination and renewal process for this type of crane license. I hereby make the following finding of immediate threat to health, safety and property necessary to establish that an emergency rulemaking is required in relation to the protection of health, safety and property.

On Friday, June 6, an Assistant Chief in the Department of Buildings' Cranes and Derricks unit was arrested on corruption charges for allegedly having received bribes from a crane company, having falsified crane inspection reports and having tampered with licensing exams. The Department responded in several ways, one of which was to review the Hoisting Machine Operator Class C license exams whose integrity was implicated in the alleged wrongdoing. The emergency rule reflected in this action is the product of that review. By moving to a national testing standard for this type of license and requiring it at the earliest possible time, the Department hopes to immediately enhance the qualifications and training of Class C Operators and to address the sort of compromise of integrity alleged to have occurred in the administration of the Class C exam to date.

IT IS THEREFORE HEREBY CERTIFIED that the immediate effectiveness of a rule relating to the qualifications of Class C Hoisting Machine Operators is necessary to address an immediate threat to health, safety and property.

Dated: October 14, 2008

A handwritten signature in black ink, appearing to read "Robert D. LiMANDRI", written over a horizontal line.

ROBERT D. LiMANDRI  
COMMISSIONER-DESIGNATE OF  
BUILDINGS

APPROVED:

A handwritten signature in black ink, appearing to read "Michael R. Bloomberg", written over a horizontal line.

MICHAEL R. BLOOMBERG  
MAYOR

**safety**

**service**

**Integrity**

**NOTICE OF ADOPTION OF EMERGENCY RULE RELATING TO  
QUALIFICATIONS OF CLASS C  
HOISTING MACHINE  
OPERATORS**

Pursuant to the authority of the Commissioner of Buildings under sections 643 and 1043(a) of the New York City Charter and sections 28-401.6, 28-401.7, 28-405.3.3 and 28-405.4 of the New York City Administrative Code, notice is hereby given of the adoption of the following emergency rules, effective immediately, relating to qualifications of Class C Hoisting Machine Operators

New material is underlined.

Section 1. Chapter 104 of Title 1 of the Rules of the City of New York is amended by adding a new subchapter D to read as follows:

Subchapter D  
Licensing and Registration of Businesses, Trades and Occupations  
Engaged in Building Work

§104-09 Hoisting Machine Operators Class C

(a) Applicants for a Class C Hoisting Machine Operator license shall satisfy the qualification and examination requirements of the Administrative Code by complying with the following requirements:

(1) Applicants shall furnish to the Department a certification issued by the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department. The certification shall authorize operation of the type of equipment for which the applicant seeks a license. The applicant shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new specialties acquired. The applicable certification shall be maintained continuously for the duration of the license term.

(2) Applicants shall provide proof of experience demonstrating two years work, within the three years prior to application, under the direct and continuing supervision of a Hoisting Machine Operator licensed by the Department or by another jurisdiction that regulates crane operators. At least one year of the qualifying work must have been undertaken in the city of New York or in an urban area of comparable density, as determined by the commissioner.



(b) Fitness requirements for renewal and reinstatement. As a condition of license renewal or reinstatement, a licensed or previously licensed Class C Hoisting Machine Operator shall provide evidence of fitness to perform the work authorized to be performed by a holder of the license type held or once held by the applicant. Such evidence shall consist of a valid certification(s) issued by the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department. The certification shall authorize the operation of the type of equipment for which the licensee is licensed and the licensee shall provide to the Department a copy of the certification, a copy of future re-certifications and documentation of new specialties acquired. Class C Hoisting Machine Operator's licenses that have been or will be renewed or reinstated at any time between July 1, 2008 and September 30, 2009 shall be conditioned on the licensee's satisfaction of the requirements of this rule by September 30, 2009, and shall lapse, effective October 1, 2009, upon failure to satisfy such condition, provided, however, that the commissioner may for cause, following notice and an opportunity to be heard, accelerate the date by which holders of such licenses must satisfy the requirements of this rule and in such case, upon failure to satisfy such condition, the license shall lapse. Renewal applicants shall satisfy the requirements of this rule at every subsequent renewal. The licensee shall pay the full license renewal or reinstatement fee at the time of renewal or reinstatement.

(c) Licensees shall provide to the Department no later than September 30, 2009 or at an earlier date determined by the commissioner pursuant to subdivision (b) or upon application, renewal, or re-instatement, as applicable:

(1) Evidence of having passed a physical exam that complies with the standards of ASME B 30, effective for the term of the license sought or held by the licensee; and

(2) Evidence of having certified compliance with the substance abuse testing provisions and standards of ASME B 30, effective for the term of the license sought or held by the licensee. Such evidence shall include the name, address and telephone number of the laboratory that performed the tests and consent to the release by such laboratory of the test results to the Department upon request of the Department.

(3) Evidence of a valid certification(s) issued by the National Commission for the Certification of Crane Operators or an equivalent certification entity approved by the Department.

(d) A Class C Hoisting Machine Operator license issued following compliance with this rule shall authorize the operation of only that type of equipment for which Department records indicate the licensee is certified.

(e) The provisions of this rule shall be in addition to the qualification, renewal and reinstatement requirements prescribed by articles 401 and 405 of title 28 of the Administrative Code.

(f) In addition to any other documents required to be maintained on-site by a licensed Class C Hoisting Machine Operator, such Operator shall have on-site at all times the following documents:

(1) The certification(s) issued to him or her by the National Commission for the Certification of Crane Operators or equivalent certification entity approved by the Department; and

(2) The hoisting machine operator license issued to him or her by the Department; and

(3) Evidence of having passed a physical exam that complies with the standards of ASME B 30, effective for the term of the license held by the licensee; and

(4) Evidence of having certified compliance with the substance abuse testing provisions and standards of ASME B 30, effective for the term of the license held by the licensee.

## **STATEMENT OF BASIS AND PURPOSE**

This rule is adopted pursuant to the authority of the Commissioner of Buildings under sections 643 and 1043(a) and (h) of the New York City Charter and sections 28-401.7 and 28-405.4 of the New York City Administrative Code.

The proposed rule is based on Sections 28-401.6, 28-401.7, 28-405.3.3 and 28-405.4 of the Administrative Code. The first two sections require license applicants to satisfy qualification requirements in addition to those prescribed by statute and to take examinations as provided in Department rule. Section 28-405.3.3 governs experience requirements for Class C Hoisting Machine Operators, and 28-405.4 authorizes the commissioner to require Hoisting Machine Operators to provide proof of fitness to perform authorized work as a condition to license renewal.

Recent crane accidents have prompted the City to re-assess its oversight of crane operations. The review covers testing, experience and ongoing training requirements for all persons involved in the operation of cranes, including Class C Hoisting Machine Operators. The examination for the Class C Hoisting Machine Operator license is alleged by law enforcement authorities to have been the subject of improprieties, making it necessary for the Department to take immediate steps to restore integrity to the examination and license renewal and reinstatement processes for this license type. This rulemaking accomplishes that purpose by substituting for the Department-administered examination previously given to Class C Hoisting Machine Operators an examination given by a national certification entity as part of its certification process for operators of the type of equipment operated by Class C Hoisting Machine Operators. The Department finds it necessary to apply the new requirement to all holders of Class C licenses, including those who have renewed their license since the July 1, 2008 effective date of the New York City Construction Codes, by giving these licensees until September 30, 2009 to comply. The Department further finds it necessary to authorize the commissioner to accelerate the date by which compliance with this rule will be required to account for circumstances, such as the recent indictment for examination-related improprieties, of a crane company employing licensees. Under such circumstances, the Department is empowered for good cause to require that licensees associated with the company either confirm their qualifications or fulfill the new examination requirement on an accelerated schedule. In addition, the Department finds it necessary to require that new applicants for a Class C Hoisting Machine Operator license demonstrate experience in operating cranes in dense urban conditions, and thus requires in this rulemaking that such applicants have acquired at least a portion of their qualifying experience in New York City or in an urban area of comparable density as determined by the Department.