



Legislation Details (With Text)

File #:	Int 1403-2016	Version:	A	Name:	Requiring anemometers on cranes.
Type:	Introduction	Status:	Enacted	In control:	Committee on Housing and Buildings
On agenda:	12/6/2016				
Enactment date:	12/31/2017	Enactment #:	2018/013		
Title:	A Local Law to amend the New York city building code, in relation to requiring anemometers on cranes				
Sponsors:	Jumaane D. Williams, Margaret S. Chin, Antonio Reynoso, Elizabeth S. Crowley, Stephen T. Levin, Rafael L. Espinal, Jr., Robert E. Cornegy, Jr., Donovan J. Richards, Ben Kallos, Carlos Menchaca				
Indexes:					
Attachments:	1. Summary of Int. No. 1403-A, 2. Summary of Int. No. 1403, 3. December 6, 2016 - Stated Meeting Agenda with Links to Files, 4. Int. No. 1403, 5. Committee Report 1/31/17, 6. Hearing Testimony 1/31/17, 7. Hearing Transcript 1/31/17, 8. Proposed Int. No. 1403-A - 11/28/17, 9. Committee Report 11/29/17, 10. Hearing Transcript 11/29/17, 11. November 30, 2017 - Stated Meeting Agenda with Links to Files, 12. Hearing Transcript - Stated Meeting 11-30-17, 13. Minutes of the Stated Meeting - November 30, 2017, 14. Fiscal Impact Statement, 15. Int. No. 1403-A (FINAL), 16. Legislative Documents - Letter to the Mayor, 17. Local Law 13				

Date	Ver.	Action By	Action	Result
12/6/2016	*	City Council	Introduced by Council	
12/6/2016	*	City Council	Referred to Comm by Council	
1/31/2017	*	Committee on Housing and Buildings	Hearing Held by Committee	
1/31/2017	*	Committee on Housing and Buildings	Laid Over by Committee	
11/29/2017	*	Committee on Housing and Buildings	Hearing Held by Committee	
11/29/2017	*	Committee on Housing and Buildings	Amendment Proposed by Comm	
11/29/2017	*	Committee on Housing and Buildings	Amended by Committee	
11/29/2017	A	Committee on Housing and Buildings	Approved by Committee	Pass
11/30/2017	A	City Council	Approved by Council	Pass
11/30/2017	A	City Council	Sent to Mayor by Council	
12/18/2017	A	Mayor	Hearing Scheduled by Mayor	
12/31/2017	A	Administration	City Charter Rule Adopted	

Int. No. 1403-A

By Council Members Williams, Chin, Reynoso, Crowley, Levin, Espinal, Cornegy, Richards, Kallos and Menchaca

A Local Law to amend the New York city building code, in relation to requiring anemometers on cranes

Be it enacted by the Council as follows:

Section 1. Section 3319.11 of the New York city building code, as added by local law number 79 for the year 2017, is renumbered section 3319.12.

§ 2. Section BC 3319 of the New York city building code is amended by adding a new section 3319.13 to read as follows:

3319.13 Measuring wind. Wind speed during crane or derrick operations shall be determined in accordance with the requirements of Table 3319.13. Options 1, 2, and 3 in Table 3319.13 shall be in accordance with the requirements of Sections 3319.13.1 through 3319.13.3, respectively.

Table 3319.13
Wind measurement requirements for cranes and derricks

<u>Equipment type</u>		<u>Allowable options</u>		
		<u>Option 1: Anemometer at the crane or derrick</u>	<u>Option 2: Anemometer at the site</u>	<u>Option 3: Nearest weather station</u>
<u>Certificate of on-site inspection or supervision by a licensed master rigger required</u>	<u>Crane with lattice jib, or mast (and driver or clamshell)</u>	<u>Yes</u>	<u>No (Except may utilize if anemometer on crane malfunctions)</u>	<u>No</u>
	<u>Crane utilizing or telescoping boom</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
	<u>Crane utilizing or articulating boom</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
	<u>Pile driver</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
	<u>Clamshell</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
	<u>Derrick</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>
<u>A crane, derrick, pile driver, or clamshell that does not require a certificate of on-site inspection or supervision by a licensed master rigger</u>		<u>Yes</u>	<u>Yes</u>	<u>Yes</u>

3319.13.1 Option 1: Anemometer on the crane or derrick. An anemometer provided by the crane or derrick manufacturer, or an entity acceptable to such manufacturer, and installed at the top of the boom or at the location specified by such manufacturer. The anemometer must measure a 3-second gust wind. A real time display of the anemometer must be available to the hoisting machine operator in the crane cab or at the operator's station. Such anemometer is to be considered an operational aid and must be checked prior to each shift as required by department rules.

Exception: Where the manufacturer is no longer in business, or the manufacturer or an entity acceptable to such manufacturer is unable to provide the anemometer, the anemometer may be approved by the department.

3319.13.2 Option 2: Anemometer at the site. An anemometer located at a high point of the site approximate to the height and location of the crane or derrick boom/jib, freely exposed to the wind, and calibrated in accordance with ASTM D5096-02. The anemometer must measure a 3-second gust wind. A real time display of the anemometer must be available to the hoisting machine operator at the operator's station, or a person designated by the hoisting machine operator must be provided to monitor the display and alert the hoisting machine operator when measurements near, meet, or exceed the thresholds specified in the approved wind action plan. Such anemometer is to be considered an operational aid and must be checked prior to each shift as required by department rules.

3319.13.3 Option 3: Nearest weather station. The most recent gust wind speed reported at the nearest National Weather Service weather station. The equipment user must establish a system to ensure the hoisting machine operator is notified when reported wind gusts near, meet, or exceed the thresholds specified in the approved wind action plan. An acceptable system may include engaging a metrological service to provide a text or similar alert to a person designated by the equipment user when wind thresholds are neared, met, or exceeded, and have such designated person notify the hoisting machine operator.

§ 3. This local law takes effect 120 days after it becomes law, except that the commissioner of buildings may take such measures as are necessary for its implementation, including the promulgation of rules, prior to its effective date.

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