



TR3: Technical Report
Concrete Design Mix
Must be typewritten.



The TR3 is required prior to permit

1 Location Information *Required for all applications.*

House No(s) 2051 Street Name West 6th Street

Borough Brooklyn Block 7100 Lot 59 BIN 3191221 CB No.

2 Applicant Information - Licensed Concrete Testing Lab *Required for all applications.*

Director Last Name Thomas Director First Name Kenneth Director Middle Initial C
Business Name City Wide Testing Inc. Business Telephone (718) 326-5900
Business Address 59-25 Grand Ave. Business Fax (718) 326-5300
City Maspeth State NY Zip 11378 Mobile Telephone
E-Mail info@citywidetesting.com
Director's Lic. Number 061006-1 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 55

3 Strength Requirements and Design *Required for all applications. Attach Trial Mixture Reports and/or Field Experience Results.*

				Mix #1	Mix #2	Mix #3
Method of Determining Proportions (Trial Mixture and/or Field Experience)				☒ Trial Mix ☒ Field Experience	☐ Trial Mix ☐ Field Experience	☐ Trial Mix ☐ Field Experience
Date Trial Mixture Performed				11/2/09		
Specified Strength (f'_c)				3500 PSI	PSI	PSI
Required Strength (f'_{cr})				4375 PSI	PSI	PSI
Specified Test Age (Days)				28		
	Material Type	Material Source	ASTM Standard			
Cementitious #1 (lbs)	Type I/II	Lafarge	C-150	424 lbs.	lbs.	lbs.
Cementitious #2 (lbs)	Fly Ash	Headwater	C-618	140 lbs.	lbs.	lbs.
Cementitious #3 (lbs)				lbs.	lbs.	lbs.
Fine Aggregate (lbs)	Natural Sand	L.I. N.S	C-33	1362 lbs.	lbs.	lbs.
Coarse Aggregate #1 (lbs)	Crushed Stone	Tilcon	C-33	1700 lbs.	lbs.	lbs.
Coarse Aggregate #2 (lbs)				lbs.	lbs.	lbs.
Coarse Aggregate #3 (lbs)				lbs.	lbs.	lbs.
Amount of Water (gals)	Potable	NY City	C-94	33.5 gals.	gals.	gals.
Admixture #1 (oz)	Air Entrainment Agent	Sika Chemicals	C-260	3.9 oz	oz	oz
Admixture #2 (oz)	Water Reducer	Viscocrete 2100	C-494	15.5 oz	oz	oz
Admixture #3 (oz)				oz	oz	oz
Other						
Water-Cement Ratio				0.49		
Slump (inches $\pm$ tolerance)				6 $\pm$ 1	$\pm$	$\pm$
Air Content (% $\pm$ tolerance)				5.5 % $\pm$ 1	% $\pm$	% $\pm$
Unit Weight (lbs./ft ³)				142. lbs./ft ³	lbs./ft ³	lbs./ft ³

4 Concrete Testing Lab Director's Statement and Signature Required for all applications.

I hereby state that the information reported in section 3 above is correct and complete and that the tests reported in section 3 above were performed under my supervision in accordance with all applicable New York City Construction Code provisions, and Departmental rules.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both.

It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

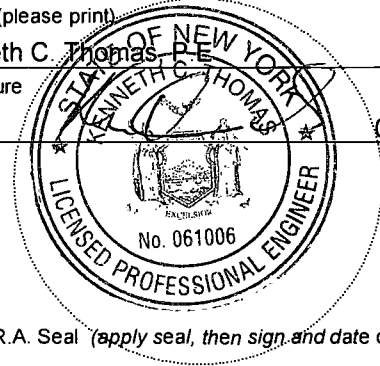
Name (please print)

Kenneth C. Thomas P.E.

Signature

Date

06-08-10



P.E. / R.A. Seal (apply seal, then sign and date over seal)

5 Concrete Producer's Statement and Signature Required for all applications. Must be filled out by Owner of Production Facility.

I certify that the material type and source specified in section 3 above are available at my facility and that I will use such materials to produce the concrete mix(es) specified in section 3. I further certify that I will produce and deliver such mix(es) to the project site in accordance with the applicable code provisions of the NYC construction codes and that such mix(es) are appropriate for the placement conditions for the project identified in section 1 above (BC 1905.8.2).

Name (print) Philip Mazzone

Title Operation Manager

Signature

Date

NRMCA Certification Expiration Date (BC 1905.8.2) 10-17-11

Business Name Kings Ready Mix

Business Telephone (718)438-6800

Business Address 692 McDonald Ave.

Business Fax: (718)436-6418

City Brooklyn

State NY

Zip 11218

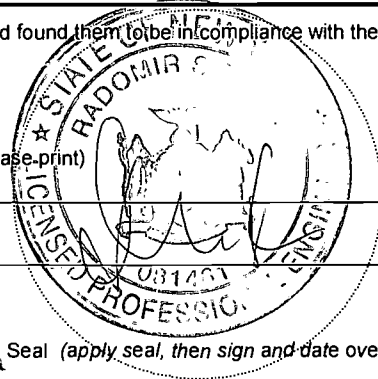
6 Design Applicant's Statement and Signature Required for all applications. Must be filled out by P.E./R.A. responsible for plans.

☒ I certify I have reviewed the concrete design mix(es) reported by the licensed testing lab and found them to be in compliance with the approved construction documents (BC 1905.6.3.3).

Name (please print)

Signature

Date



P.E. / R.A. Seal (apply seal, then sign and date over seal)

7 Building Owner's Statement and Signature Required for all applications.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both. It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by a fine or imprisonment, or both. I understand that if I am found after hearing to have knowingly or negligently made a false statement or to have knowingly or negligently falsified or allowed to be falsified any certificate, form, signed statement, application, report or certification of the correction of a violation required under the provisions of this code or of a rule of any agency, I may be barred from filing further applications or documents with the Department.

Name (print)

MUZAFFAR NADEEM

Title

OWNER

Signature

Date

06/14/2010