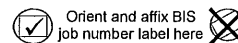




TR3: Technical Report  
Concrete Design Mix  
Must be typewritten.



The TR3 is required prior to permit

**1 Location Information** Required for all applications.

House No(s) 501 Street Name West 30th Street

Borough Manhattan Block 702 Lot 50 BIN CB No.

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

Director Last Name Banerjee Director First Name Debabrata Director Middle Initial  
Business Name Impact Concrete & Control Inspection Inc Business Telephone (718) 939-7774  
Business Address 15-46 129th Street Business Fax (718) 939-6444  
City College Point State NY Zip 11356 Mobile Telephone (917) 577-7540  
E-Mail dbaner@gmail.com  
Director's Lic. Number 081431 ☒ P.E. ☐ R.A. Concrete Testing Lab Lic. Number 000064

**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) |               |                    |               | <input checked="" type="checkbox"/> Trial Mix<br><input type="checkbox"/> Field Experience | <input type="checkbox"/> Trial Mix<br><input type="checkbox"/> Field Experience | <input type="checkbox"/> Trial Mix<br><input type="checkbox"/> Field Experience |
| Date Trial Mixture Performed  |               |                    |               | 2-6-2013   |   |   |
| Specified Strength ( $f'_c$ )   |               |                    |               | 10000 PSI  | PSI   | PSI   |
| Required Strength ( $f'_{cr}$ )   |               |                    |               | 11800 PSI  | PSI   | PSI   |
| Specified Test Age (Days)   |               |                    |               | 28   |   |   |
|   | Material Type | Material Source    | ASTM Standard |  |   |   |
| Cementitious #1 (lbs)   | Cement        | Saylor Type I/II   | C150          | 2450 lbs.  | lbs.  | lbs.  |
| Cementitious #2 (lbs)   |               |                    |               | lbs.   | lbs.  | lbs.  |
| Cementitious #3 (lbs)   |               |                    |               | lbs.   | lbs.  | lbs.  |
| Fine Aggregate (lbs)  |               |                    |               | lbs.   | lbs.  | lbs.  |
| Coarse Aggregate #1 (lbs)   |               |                    |               | lbs.   | lbs.  | lbs.  |
| Coarse Aggregate #2 (lbs)   |               |                    |               | lbs.   | lbs.  | lbs.  |
| Coarse Aggregate #3 (lbs)   |               |                    |               | lbs.   | lbs.  | lbs.  |
| Amount of Water (gals)  | Water         | MYC                | C94           | 105 gals.  | gals.   | gals.   |
| Admixture #1 (oz)   | HRWR          | BASF Glennium 7500 | C494          | 359.1 oz   | oz  | oz  |
| Admixture #2 (oz)   |               | BASF Delvo         |               | 183.5 oz   | oz  | oz  |
| Admixture #3 (oz)   |               |                    |               | oz   | oz  | oz  |
| Other   |               |                    |               |  |   |   |
| Water-Cement Ratio  |               |                    |               | 0.357  |   |   |
| Slump (inches $\pm$ tolerance)  |               |                    | Flow          | 16. $\pm$ Sec  | $\pm$   | $\pm$   |
| Air Content (% $\pm$ tolerance)   |               |                    |               | % $\pm$  | % $\pm$   | % $\pm$   |
| Unit Weight (lbs./ft <sup>3</sup> )                                       |               |                    |               | 120 lbs./ft <sup>3</sup>   | lbs./ft <sup>3</sup>  | lbs./ft <sup>3</sup>  |

**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.

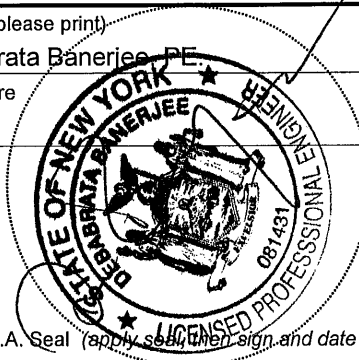
Name (please print)

Debabrata Banerjee, PE

Signature

Date

02-25-13



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)

DonnaMarie Russo

Title

President

Signature

DonnaMarie Russo

Date

03/15/13

NRMCA Certification Expiration Date (BC 1905.8.2)

Business Name

New York Concrete Corp.

Business Telephone

(718) 967-3720

Business Address

708 Sharropps Rd

Business Fax:

(718) 967-0144

City

Staten Island

State

ny

Zip

10309

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

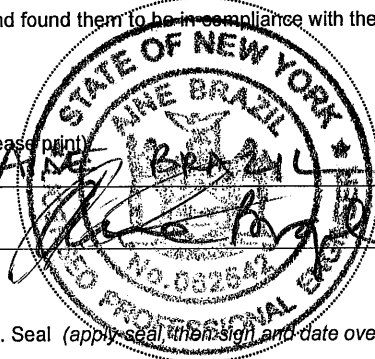
☐ I certify I have reviewed the concrete design mix(es) reported by the licensed testing lab and found them to be in compliance with the approved construction documents (BC 1905.6.3.3).

Name (please print)

Signature

Date

4/1/13



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)

RON WACKROW

Title

EXECUTIVE VICE PRESIDENT

Signature

Date

MARCH 26, 2013