

**Purpose of form:**

This Technical Report must be filed prior to permit issuance in accordance with requirements of the New York City Building Code Chapter 19—Concrete. Trial mixture reports and/or field experiment results must be attached when submitting the TR3. As a reminder, additional TR3 reports should be submitted as needed for additional trial mixes.

**1 Location Information**

Provide the borough, block, lot, Building Identification Number (BIN), community board, house number, and street name of the location for which the mixes are being made for.

**2 Applicant Information**

- Provide the last name, first name, and middle initial, business name, telephone number, address, and fax number of the director of the licensed concrete testing lab.
- Provide the licensed concrete testing lab's license number and the licensed concrete testing lab director's license number

**3 Strength Requirements and Design**

The licensed concrete testing laboratory is required to fill in the following information for each concrete design mix:

- Select the method used to determine the concrete mix proportions (trial mix and/or field experience). See ACI 318 figure R5.3
- If trial mixes are selected, provided the date the trial mix was performed
- The specified concrete strength of the concrete ( $f'_c$ ) in psi
- The required strength of the concrete mix ( $f'_{cr}$ ) in psi
- The specified test age in days
- For each material used in the concrete mix, provide the material type, source, astm standard, and amount used in the units specified (lbs., gallons, or ounces)
- The water-cement ratio
- The required slump and tolerances in inches
- The required air content and tolerances as percentages
- The unit weight in pcf

Original Lab reports for both trial mixture data and field experience data must be attached. If more than three mixes are required, submit additional TR3 forms as needed.

**4 Licensed Concrete Lab's Statement and Signature**

The director of the licensed concrete laboratory must provide his/her name, sign and date the report, and place his/her seal in the space provided.

**5 Concrete Producer's Statement and Signature**

The concrete producer must provide his/her name, sign and date the report.

**6 Design Applicant's Statement and Signature**

The design applicant must provide his/her name, sign and date the report, and place his/her seal in the space provided certifying the mix designs comply with the approved construction documents per BC 1905.6.3.3.

**7 Building Owner's Statement and Signature**

The building owner must provide his/her name, sign and date the report.