



CONSTRUCTION CONSULTING & TESTING, INC.

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Client: Fort Wayne Contracting
300 E. Seven Mile
Detroit, MI 48203

Project: PW 7023

Date: December 9, 2020

CCT No.: 201-20085-2A

REPORT OF CONCRETE COMPRESSIVE STRENGTH

DATE OF POUR: 11/11/2020

LOCATION OF POUR: Structure Repair: NB Conner, lane 3, south of Mack

SUPPLIER: SRM

TICKET NO.: 818257
MIX I.D.: P-NCOM

FIELD DATA: Set 1 of 1

DATE: 11/11/2020
BATCH TIME: 1:38 PM
TEST TIME: 2:38 PM
AIR CONTENT (%): 6.1%
SLUMP (in.): 4 1/4
CONC. TEMP. (F): 59
AIR TEMP. (F): 50
UNIT WT. (pcf): ---
MOLDED BY: CCT

***Testing conforms to ASTM C 172, C 231, C 143, C 1064, C 138, C 31, & C 39/C 39M

LAB NO.	BREAK DATE	AGE (days)	DIA. (in)	AREA (sq. in.)	LOAD (lbs)	COMPRESSIVE STRENGTH (psi)	TYPE OF FRACTURE
3991	11/18/20	7	4	12.56	62,660	4990	5
3992	11/18/20	7	4	12.56	59,790	4760	5
3993	12/09/20	28	4	12.56	65,480	5210	5
3994	12/09/20	28	4	12.56	68,400	5450	3

Cylinder Size: 4" x 8"

28 DAY AVERAGE

5,330

28 DAY SPEC.

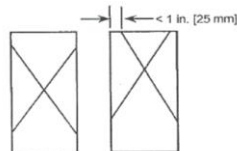
3,500

Comments:

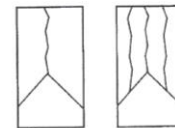
Reviewed By:

Mitch Forst, President

Distribution: FWC



Type 1
Reasonably well-formed cones on both ends, less than 1 in. [25 mm] of cracking through caps



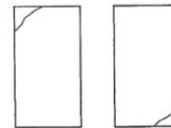
Type 2
Well-formed cone on one end, vertical cracks running through both ends, no well-defined cone on other end



Type 3
Columnar vertical cracking through both ends, no well-formed cones



Type 4
Diagonal fracture with no cracking through ends; tap with hammer to distinguish from Type 1



Type 5
Side fractures at top or bottom (occur commonly with unbonded caps)



Type 6
Similar to Type 5 but end of cylinder is pointed

Typical Fracture Patterns