

REPORT OF CONCRETE FIELD & LABORATORY TESTING

CLIENT: DN Tanks
11 Teal Road
Wakefield, MA 01880
Attn: Mr. Jake Sreca

PROJECT: Middletown CT
224 Talcott Ridge Drive
Middletown, CT

DATE: September 14, 2020

REPORT #: 20-07-161-003

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General Location: Trial Batch

Date Cast: 8/12/2020
Field Rep: Stephen Sturges
Contractor: DN Tanks
Concrete Supplier: Farmington Ready Mix
Concrete Admixtures: Fibermesh, Super P
Air Temp: 82 °F
Weather: Sunny
Nominal Size of Aggr: 1 1/4"
Date Received by Lab: 8/13/2020

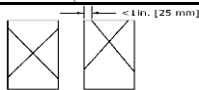
FIELD TEST RESULTS (Sampled in accordance with ASTM C172)

TICKET #	*# CYL	SLUMP TEST (in) (ASTM C143)	AIR CONTENT (%) (ASTM C231)	TEMPERATURE (°F) (ASTM C1064)	ELAPSED TIME		
					Batch	Final	Total (Min)
18826	8	7.50"	1.90%	84 °F	9:05 AM	10:02 AM	57

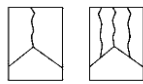
*Specimens molded/conditioned in accordance with ASTM C31/ASTM C1231

LABORATORY COMPRESSIVE STRENGTH TESTING (ASTM C39)

Date of Test	Cylinder ID	Age	Cure	Avg Measured Diameter (in)	Cross Sectional (in ²)	PSI	Max. Load	Break Type
08/14/20	A	2	LAB	6.00"	28.26"	2,630	74,290	3
08/17/20	B	5	LAB	6.00"	28.26"	3,340	94,410	5
08/19/20	C	7	LAB	6.00"	28.26"	3,420	96,660	2
08/19/20	D	7	LAB	6.00"	28.26"	3,480	98,280	2
08/21/20	E	9	LAB	6.00"	28.26"	3,500	98,920	2
08/26/20	F	14	LAB	6.00"	28.26"	3,890	109,970	2
09/09/20	G	28	LAB	6.00"	28.26"	4,200	118,830	2
09/09/20	H	28	LAB	6.00"	28.26"	4,440	125,480	3



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 caps, 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

Specific Sample Location: N/A (Trial Batch)
Yards Placed: N/A yards³ **Design Strength:** 4000 psi
Density:
Remarks:

Reviewed By: Darlene Daniels

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