

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: October 2, 2020

REPORT #: 20-07-161-012

Page 1 of 1

General Location: Overflow Encasement

Date Cast: 9/4/2020
Field Rep: Daniel Martelli
Contractor: DN Tanks
Concrete Supplier: CT Ready Mix
Concrete Admixtures: Mix A
Air Temp: 65 °F
Weather: Sunny
Nominal Size of Aggr: 3/4"
Date Received by Lab: 9/5/2020

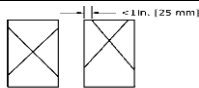
FIELD TEST RESULTS (Sampled in accordance with ASTM C172)

TICKET #	*# CYL	SLUMP TEST (in) (ASTM C143)	AIR CONTENT (%) (ASTM C231)	TEMPERATURE (°F) (ASTM C1064)	ELAPSED TIME		
					Batch	Final	Total (Min)
1008524	7	7.00"	5.60%	77 °F	5:45 AM	8:05 AM	140

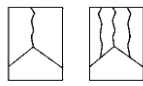
**Specimens molded/conditioned in accordance with ASTM C31/ASTM C1231*

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
09/09/20	1A	5	LAB	6.00"	28.26"	3,680	104,110	5
09/11/20	1B	7	LAB	6.00"	28.26"	3,950	111,610	2
10/02/20	1C	28	LAB	6.00"	28.26"	4,720	133,340	2
10/02/20	1D	28	LAB	6.00"	28.26"	4,800	135,670	3
10/02/20	1E	28	LAB	6.00"	28.26"	5,040	142,350	3
	1F		HOLD					
	1G		HOLD					



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:	Middle of overflow encasement		
Yards Placed:	7.0	yards³	Design Strength: 4000 psi
Density:			
Remarks:	Sample obtained at truck		

Reviewed By:

Darlene Daniels

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