

Date : 02/03/2023
Project No : 2022C174
Client Company : CWM
Arrival Time : 02/03/2023
Onsite Hours :

ASEC Report ID : 57355
Name of the Project : CWM Plant on Mulberry Rock Road
Project Location : Dallas, Paulding County
Weather : Clear
Departure Time : 02/03/2023
ASEC Technician Name : Russell Hendrix

Location(S): Silo #1, #2 and #3 slabs, slab

Testing: 2 Set of concrete specimens (4 Cylinders per set) were cast during the cast-in-place concrete pour at the above referenced location, in accordance with ASTM C31. The cylinders will remain on site for the initial 24-48 hrs curing.

Compliance: ☐ Field placement of concrete appeared to be in general accordance with the project specifications (i.e., slump, temperature, etc) (refer to remarks below)
☒ Deviations and/or noncompliances were noted during the field placement (refer to remarks below)

Cylinders Pick Up: 2 Sets of concrete cylinders/ 4 cylinders per set were picked up & transported to AS Engineering and Consulting LLC (ASEC) for curing and testing in accordance with ASTM C39, C670/1231

Field Curing: Cylinders were stored for the initial 24 hours
☐ Near the poured structure
☐ In an insulated curing box
☒ Other

Remarks: As requested, the site was visited by our AS Engineering and Consulting (ASEC) representative for the purpose of providing quality control inspection and testing services, visual observation techniques were employed to assure compliance with project drawing/specifications, applicable codes, and materials submittals. The following observations were observed on site this day. No concrete specifications were given. Test results were forwarded to on-site personnel. (photos of tickets/locations are available on request). Concern of the excessive high slump was communicated with the on-site foreman. Cylinders were made and stored in a heated work trailer. The concrete test cylinders were transported to the CW Matthews airport lab the next day. It is our understanding that CW Matthews will perform the concrete compression tests on the specimens.

The results presented in this report relate only to the items tested. This report shall not be reproduced, except in full, without written approval from AS Engineering and Consulting LLC.

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PLACEMENT INFORMATION

Set Number: 1	Laboratory Number:
Date Sampled: 02/03/2023	Time Sampled: 11:30
Sampled By: Russell Hendrix	Concrete Supplier: WDC
Contractor: CW Matthews	Mix ID: 40c91
Truck Number: 1	Quantity of Load (cu. yd.): 10
Time Batched: 11:45	Specified Strength : 4000
Location of Placement: Silo #1, #2 and #3 slabs	Concrete Temperature(°f): 55
Number of samples cast: 4	Air Content (%): 6.5
Ambient Temperature (°f): 45	Water added (gal.):
Slump (in.): 7	

Specimen Number	Age (Days)	Date Tested	Dia(in.)	Area (sq in.)	Maximum Loads (lbs)	Strength (psi)	% Design Strength	Type of Fracture
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UNLESS OTHERWISE SPECIFIED, TESTS WERE PERFORMED IN ACCORDANCE WITH ASTM TEST METHODS C31, C39, C138, C143, C173, AND C1064. FRACTURE TYPE INDICATED BY NUMBER

(Type 1) Cone (Type 2) Cone-split (Type 3) Vertical (Type 4) Shear (Type 5) Edge Fracture (Type 6) Pointed


Kenneth Mosman

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PLACEMENT INFORMATION

Set Number: 2	Laboratory Number:
Date Sampled: 02/03/2023	Time Sampled: 12:15
Sampled By: Russell Hendrix	Concrete Supplier: WDC
Contractor: CW Matthews	Mix ID: 40c91
Truck Number:	Quantity of Load (cu. yd.): 10
Time Batched: 12:30	Specified Strength : 4000
Location of Placement: slab	Concrete Temperature(°f): 55
Number of samples cast: 4	Air Content (%): 8.5
Ambient Temperature (°f): 50	Water added (gal.):
Slump (in.): 7.5	

Specimen Number	Age (Days)	Date Tested	Dia(in.)	Area (sq in.)	Maximum Loads (lbs)	Strength (psi)	% Design Strength	Type of Fracture
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(Type 1) Cone (Type 2) Cone-split (Type 3) Vertical (Type 4) Shear (Type 5) Edge Fracture (Type 6) Pointed


Kenneth Mosman