

Date : 02/04/2022
Project No : 2022C109
Client Company : CWM
Arrival Time : 01/24/2022 05:30
Onsite Hours : 07:30

ASEC Report ID : 53032
Name of the Project : Asphalt Plant, Dalton
Project Location : Dalton
Weather : 25 freezing
Departure Time : 01/24/2022 13:00
ASEC Technician Name : Russell Hendrix

Location(S): slab, slab

Testing: 2 Set of concrete specimens (6 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/ 6 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: The site was visited by the undersigned 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 drawings/specifications, applicable codes, and materials submittals. The following observations were made on site today: All tests conducted were within specification; however, due to low ambient temperature on one test the air meter was frozen and on another test the slump cone was frozen. Those tests were unable to be conducted. The equipment was placed in a heated environment to thaw. A pump truck was used throughout the day except for 4 trucks that were placed directly into the slab.

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: 1
Date Sampled: 01/24/2022	Time Sampled: 07:30
Sampled By: Russell Hendrix	Concrete Supplier: Basic
Contractor: C.W. Matthews	Mix ID:
Truck Number: 200 yards	Quantity of Load (cu. yd.): 10
Time Batched: 07:00	Specified Strength : 3000
Location of Placement: slab	Concrete Temperature(°f): 51
Number of samples cast: 6	Air Content (%): 4.5
Ambient Temperature (°f): 25	Water added (gal.):
Slump (in.):	

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: 2
Date Sampled: 01/24/2022	Time Sampled: 10:00
Sampled By: Russell Hendrix	Concrete Supplier: Basic
Contractor: CW Mathews	Mix ID:
Truck Number: 390 yards	Quantity of Load (cu. yd.): 10
Time Batched: 09:30	Specified Strength : 3000
Location of Placement: slab	Concrete Temperature(°f): 53
Number of samples cast: 6	Air Content (%): 4.9
Ambient Temperature (°f): 30	Water added (gal.):
Slump (in.): 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