

Date : 03/28/2024
Project No : 2023C159
Client Company : CW Matthews
Arrival Time : 03/28/2024 8:00
Onsite Hours : 06:00

ASEC Report ID : 65664
Name of the Project : Airfield Repairs 2021-23
Project Location : HJAlA, Atlanta, GA
Weather : sunny
Departure Time : 03/28/2024 14:00
ASEC Technician Name : Aminullah Azimi

Location(S): Airfield repair south cargo phase 2.

Testing: A Set of concrete specimens (5 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: A Sets of concrete cylinders/ 5 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 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: A	Laboratory Number: A
Date Sampled: 03/28/2024	Time Sampled: 10:30
Sampled By: Aminullah Azimi	Concrete Supplier: Argos
Contractor:	Mix ID: 50CAX225
Truck Number: 1907	Quantity of Load (cu. yd.): 6
Time Batched: 10:17	Specified Strength : 5000
Location of Placement: Airfield repair south cargo phase 2.	Concrete Temperature(°f): 60
Number of samples cast: 5	Air Content (%) : 3.7
Ambient Temperature (°f): 55	Water added (gal.): 0
Slump (in.): 9	

Specimen Number	Age (Days)	Date Tested	Dia(in.)	Area (sq in.)	Maximum Loads (lbs)	Strength (psi)	% Design Strength	Type of Fracture
1	3	03/31/2024	8					
2	14	04/11/2024	8					
3	28	04/25/2024	8					
4	28	04/25/2024	8					
5	90	06/26/2024	8					

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