

Date : 08/21/2023
Project No : 2023C159
Client Company : CW Matthews
Arrival Time : 08/21/2023 7:00
Onsite Hours : 9:00

ASEC Report ID : 60959
Name of the Project : Airfield Repairs 2021-23
Project Location : HJAlA, Atlanta, GA
Weather : sunny
Departure Time : 08/21/2023 16:00
ASEC Technician Name : Aminullah Azimi

Location(S): Airfield repair, Phase 7, Ramp 6, Storm Drains

Testing: A 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: A 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: Note: Batch to placement and Concrete temperature exceeded from specified rang limit,

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: 08/21/2023	Time Sampled: 2:15
Sampled By: Aminullah Azimi	Concrete Supplier: Argos
Contractor: Technique concrete construction	Mix ID: 50CAX225
Truck Number: 2089	Quantity of Load (cu. yd.): 6
Time Batched: 1:10	Specified Strength : 5000
Location of Placement: Airfield repair, Phase 7, Ramp 6, Storm Drains	Concrete Temperature(°f): 95
Number of samples cast: 6	Air Content (%) : 3.6
Ambient Temperature (°f): 92	Water added (gal.): 0
Slump (in.): 6	

Specimen Number	Age (Days)	Date Tested	Dia(in.)	Area (sq in.)	Maximum Loads (lbs)	Strength (psi)	% Design Strength	Type of Fracture
A	28	09/18/2023	6	26.26	72000	2740	54.8	

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



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