# Concrete Test Report

ASEC Report ID : 81350
Name of the Project : Concourse B Grease Receptors
Project Location : HJAIA
Weather : cloudy
Departure Time : 04/29/2025 18:30
ASEC Technician Name : Aminullah Azimi

Date : 04/29/2025
Project No : 2024C314
Client Company : Manhatten Const.
Arrival Time : 04/29/2025 6:30
Onsite Hours : 12:00

**Location(S):** base of B9, MH-1

**Testing:** 1 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:** 1 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:**

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## PLACEMENT INFORMATION

**Set Number:** A
**Date Sampled:** 04/29/2025
**Sampled By:** Aminullah Azimi
**Contractor:** Manhattan
**Truck Number:** 1513
**Time Batched:** 2:56
**Location of Placement:** base of B9, MH-1
**Number of samples cast:** 5
**Ambient Temperature (°f):** 80
**Slump (in.):** 3.5

**Laboratory Number:** A
**Time Sampled:** 4:10
**Concrete Supplier:** WDC
**Mix ID:** 24 hours GDOT
**Quantity of Load (cu. yd.):** 5
**Specified Strength :** 3000
**Concrete Temperature(°f):** 87
**Air Content (%):** 3.2
**Water added (gal.):** 0

| Specimen Number | Age (Days) | Date Tested | Dia(in.) | Area (sq in.) | Maximum Loads (lbs) | Strength (psi) | % Design Strength | Type of Fracture |
|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 05/02/2025 | 12 | | | | | |
| 2 | 7 | 05/06/2025 | 12 | | | | | |
| 3 | 28 | 05/27/2025 | | | | | | |
| 4 | 28 | 05/27/2025 | 12 | | | | | |
| 5 | 56 | 06/24/2025 | | | | | | |

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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