

Construction Materials Testing
Concrete Testing
Gates Subdivision Unit 2
Bexar County, Texas

InTEC Project No. S232134-5 February 10, 2025

MEH Holding Company LTD 5210 Thousand Oaks, Suite 1318 San Antonio, Texas 78233



Integrated Testing and Engineering Company of San Antonio, L.P. Geotechnical & Environmental Engineering & Construction Services & Geologic Assessment

Geotechnical & Environmental Engineering • Construction Services • Geologic Assessment

E.A. Palaniappan, Ph.D., P.E. Murali Subramaniam, Ph.D., P.E. Kausi Subramaniam, B.S.

February 10, 2025

MEH Holding Company LTD 5210 Thousand Oaks, Suite 1318 San Antonio, Texas 78233

Attention:

Ms. Jaime L. Johnson

Re:

Concrete Tests

Gates Subdivision Unit 2 Bexar County, Texas

InTEC Project #: S232134-5

Ladies and Gentlemen:

Integrated Testing and Engineering Company of San Antonio, L.P. (InTEC) performed concrete field and compressive strength tests at the above referenced project site between October 8, 2024 and November 8, 2024.

Field concrete tests were performed on an "on call" basis by the contractor. Full time observation of concrete placement was not performed. Concrete field and compressive strength test results for the above referenced project are presented for your review.

We appreciate and wish to thank you for the opportunity to be of service to you on this project. If we can be of additional assistance, or if you have any questions, please call us.

Respectfully Submitted, InTEC of San Antonio, L.P.

Murali Subramaniam, Ph.D., P.E.

Copies Submitted: Above (1)





InTEC of San Antonio 12028 Radium

San Antonio, TX 78216

Phone: 210-525-9033

Compressive Strength of Concrete

Test Method: ASTM C 39

Report Date: 02/13/2025 Sample: 29604

Client: Project:

MEH Holding Company LTD S232134
5210 Thousand Oaks, Suite 1318 Gates Subdivision Unit 2

San Antonio, TX 78233 29.381265682887246, -98.32008373231879

Bexar County, TX

Sample Details

Set #: Technician: Torres, Emanual Batched: 12:06 CDT Specimen Size: 4" X 8" Cast By: Torres, Emanual Sampled: 13:00 CDT **Date Cast:** 10/08/24 Cast: 13:04 CDT Specimens In Set: 5

Truck / Ticket #: 3469 / 34927 Sampled From: Chute Truck Empty:
Contractor: Placement Method: Chute Placement Time:

Location

Placement Location: Drain - Footing
Location Details: Drain B
Sample Location / Notes: Drain B

Batch Log Specifications

Supplier:Jarco Ready MixStrength:3000 (psi)

On-Site Admixtures: None

Field Measurements

Weather: Slump (in): 4-3/4 (ASTM C143) Plastic Unit Weight:

Air Temperature (F): Concrete Temp (F): Air Content:

All Telliperature (F). Concrete Tellip (F).

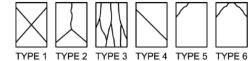
Load Volume: 10.00 (yd³)

Lab Test Results Field / Lab Average Cylinder Cylinder Specimen Test Test Max Load Strength Fracture Break Capping Number Age Days Date **Cure Days** Diameter (in) (lbs) Remark Method Area (in²) (psi) Type 10/14/24 3/3 4.00 12.57 42,480 3,380 U 1-1 6 3 1-2 7 10/15/24 3/4 4.00 12.57 42,410 3,370 5 U U 1-3 28 11/05/24 3/25 4.00 12.57 59,440 4,730 3 1-4 28 3 / 25 4.00 12.57 57,930 4,610 3 U 11/05/24 59,490 4,730 U 1-5 28 11/05/24 3 / 25 4.00 12.57 2

Test Age Average Strengths (psi): 6 Day - 3380, 7 Day - 3370, 28 Day - 4690

 Tested By: Alex Martinez (1,2,3,4,5)
 U: Unbonded Caps (ASTM C1231)

 Checked In: 10/11/2024 (1,2,3,4,5)





InTEC of San Antonio 12028 Radium

San Antonio, TX 78216

Phone: 210-525-9033

Compressive Strength of Concrete

Test Method: ASTM C 39

Report Date: 02/13/2025 Sample: 29658

Client: Project:

MEH Holding Company LTD 5210 Thousand Oaks, Suite 1318

San Antonio, TX 78233

Gates Subdivision Unit 2 29.381265682887246, -98.32008373231879

Bexar County, TX

S232134

Sample Details

Set #: 2 Technician: Haynes, Brandon Batched: 01:22 CDT Specimen Size: 4" X 8" Cast By: Haynes, Brandon Sampled: 01:50 CDT **Date Cast:** 10/11/24 Cast: 02:05 CDT Specimens In Set: 5

Truck / Ticket #: 3469 / Sampled From: Chute Truck Empty: **Placement Time:** Contractor: **Placement Method:** Chute

Location

Placement Location: Drain - Top Deck

Location Details: Drain B Sample Location / Notes: Drain B

Batch Log Specifications

Strength: 3000 (psi) Supplier: Jarco Ready Mix

On-Site Admixtures: None

Field Measurements

Weather: Plastic Unit Weight: Slump (in): 5 (ASTM C143) Sunny

Air Temperature (F): 87 Concrete Temp (F): Air Content:

> Load Volume: 4.00 (yd3)

Lab Test Results Cylinder Field / Lab Average Cylinder Specimen Test Test Max Load Strength Fracture Break Capping Number Age Days Date **Cure Days** Diameter (in) Remark Method Area (in²) (lbs) (psi) Type 5 10/16/24 4/1 4.00 12.57 22,870 1,820 U 2-1 2 2-2 11 10/22/24 4/7 4.00 12.57 28,555 2,270 3 U U 2-3 28 11/08/24 4/24 4.00 12.57 38,115 3,030 3 2-4 28 11/08/24 4 / 24 4.00 12.57 39,750 3,160 2 U 38,890 3,090 U 28 11/08/24 4/24 4.00 12.57 2 2-5

Test Age Average Strengths (psi): 5 Day - 1820, 11 Day - 2270, 28 Day - 3100

Capping Methods Tested By: Alex Martinez (1,2,3,4,5) U: Unbonded Caps (ASTM C1231) Checked In: 10/15/2024 (1,2,3,4,5)







