



## CONCRETE COMPRESSIVE STRENGTH TEST

**Client:** Moody Ramin  
3003 W. Alabama St.  
Houston, TX 77098

**Project:** Town Centre Two  
700 Town and Country Boulevard  
Houston, TX 77024

### Specifications

<b>Concrete Supplier:</b>	Cemex	<b>Test Method:</b>	ASTM C-172
<b>Concrete Plant:</b>	4367A		ASTM C-31
			ASTM C-143
<b>Age (days)</b>	<b>Required Strength (psi)</b>		ASTM C-231
28	7000		ASTM C-1064
			ASTM C-1231
<b>Required Slump (in):</b>	6 to 8		ASTM C-39
<b>Required Air (%):</b>	0 to 3		

### Project Data

<b>Suppliers Mix Number:</b>	1458506	<b>Truck Number:</b>	10067954
<b>Time Sampled:</b>	9:19 AM	<b>Ticket Number:</b>	47366792
<b>Batch Time:</b>	7:40 AM	<b>Air Content (%):</b>	1.8
<b>Date Cylinders Received:</b>	11/1/2022	<b>Date Cylinders Cast:</b>	10/31/2022
<b>Air Temperature (°F):</b>	63	<b>Unit Weight (pcf):</b>	
<b>Concrete Temperature (°F):</b>	69	<b>Measured Slump (in):</b>	8.00
<b>Contractor Made Cylinders:</b>	No	<b>Water Added at Site (gal):</b>	0
<b>Sample Location:</b>	Same as Overall Placement		<b>Weather:</b> Clear
<b>Total Yards of Concrete Placed</b>	10	<b>M&amp;TE:</b>	61
<b>Overall Placement Location:</b>	Building; Level 1, Columns - D/1, H/3 and H/4		

### Report of Tests

Cylinder Set-Number	Test Date	Age (days)	Diameter (inches)	Area (sq. in.)	Maximum Load (lbs. force)	Compressive Strength (psi)	Fracture Type
1-1	11/07/2022	7	6.00	28.27	244840	8660	3
1-2	11/28/2022	28	6.00	28.27	277740	9820	4
1-3	11/28/2022	28	6.00	28.27	277080	9800	4
1-4	12/26/2022	56	6.00	28.27	317150	11220	5
<b>Average @ 28 days-</b>						<b>9810</b>	

**Break test results on this page meet project specification.**



Riner Engineering, Inc.  
4641 Kennedy Commerce Drive  
Houston, TX 77032  
Phone: (281) 469-3347

Project Number : 22-0642  
Test Date: 10/31/2022  
Report Date: 12/30/2022  
Report Number: 89

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**Initial Curing Temperature Min/Max:** 59°F / 79°F  
**Initial Curing Method(s):** Specimens covered with plastic lids  
**Final Curing Method:** Laboratory Moist Cure Room  
**Placement Method(s):** Bucket  
**Sample Method(s):** Back of Truck

**Remarks:**

Riner Engineering, Inc.

**Technician Time:** 08:45 - 11:00

**Technician:** Craig Schoenberg

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Francisco Zea  
CMT Project Manager