



Q O R E

PROPERTY SCIENCES

Plant: Georgia Masonry Supply Job No: 19856 Report Date: 3/5/08  
 Client: Georgia Masonry Supply Report No: 366661 Received Date: 2/15/08  
 Unit ID: 8-inch Normal Weight

### Concrete Masonry Unit Testing

#### Absorption and Density

Specimen No	5A	5B	5C	Average
Received weight, lbs	36.15	36.28	37.13	36.52
Width, inches	7.66	7.67	7.68	7.67
Height, inches	7.47	7.44	7.55	7.49
Length, inches	15.62	15.63	15.63	15.63
Immersed weight, lbs	21.34	21.44	22.07	21.62
Saturated weight, lbs	38.31	38.39	39.33	38.68
Dry weight, lbs	35.52	35.62	36.51	35.88
Absorption, %	7.9	7.8	7.7	7.8
Absorption, pcf	10.3	10.2	10.2	10.6
Density, pcf	130.6	131.1	132.0	131.2

#### Compressive Strength

Specimen No	5D	5E	5F	Average
Received Weight, lbs	36.52	36.50	36.27	36.43
Gross Area, in <sup>2</sup>	119.9	119.9	119.9	119.9
Average Net Area, in <sup>2</sup>	63.1	63.1	63.1	63.1
Load, lbs	193,740	176,900	183,760	184,800
Gross Area Compressive Strength, psi	1,620	1,480	1,530	1,540
Net Area Compressive Strength, psi	3,070	2,800	2,910	2,930

#### Dimensions

Specimen No	5A	5B	5C	Average
Minimum Face Shell Thickness, inches	1.29	1.29	1.29	1.29
Minimum Web Thickness, inches	1.2	1.2	1.2	1.2
Equivalent Web Thickness, inches	2.8	2.8	2.8	2.8
Equivalent Thickness, inches	4.0	4.0	4.1	4.0

These results comply with the absorption, compressive strength and dimensional requirements of ASTM C90. Tests were performed in accordance with ASTM C140.

Submitted by,

*Russell Scribner*

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Materials Laboratory Manager

Report Distribution:

GMS / Mr. Leonard Earp