QORE
PROPERTY SCIENCES

Plant:	Georgia Masonry Supply	**Job No:**	19856	**Report Date:**	3/5/08
Client:	Georgia Masonry Supply	**Report No:**	366663	**Received Date:**	2/15/08
		Unit ID:	8-inch Lightweight, UL 2-hour		

Concrete Masonry Unit Testing

Absorption and Density

Specimen No	7A	7B	7C	Average
Received weight, lbs	21.36	21.23	21.91	21.50
Width, inches	7.64	7.64	7.64	7.64
Height, inches	7.63	7.63	7.65	7.64
Length, inches	15.57	15.58	15.57	15.57
Immersed weight, lbs	8.16	8.17	8.39	8.24
Saturated weight, lbs	24.98	25.02	25.50	25.17
Dry weight, lbs	20.67	20.61	21.26	20.85
Absorption, %	20.9	21.4	19.9	20.7
Absorption, pcf	16.0	16.3	15.5	15.9
Density, pcf	76.7	76.3	77.5	76.8

Compressive Strength

Specimen No	7D	7E	7F	Average
Received Weight, lbs	21.91	21.13	21.46	21.50
Gross Area, in^2	119.0	119.0	119.0	119.0
Average Net Area, in^2	61.4	61.4	61.4	61.4
Load, lbs	144,990	150,440	128,140	141,190
Gross Area Compressive Strength, psi	1,220	1,260	1,080	1,190
Net Area Compressive Strength, psi	2,360	2,450	2,090	2,300

Dimensions

Specimen No	7A	7B	7C	Average
Minimum Face Shell Thickness, inches	1.27	1.28	1.32	1.29
Minimum Web Thickness, inches	1.2	1.2	1.2	1.2
Equivalent Web Thickness, inches	2.7	2.7	2.8	2.7
Equivalent Thickness, inches	3.9	3.9	4.0	3.9

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

Submitted by,

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Report Distribution:
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