

NELSON TESTING LABORATORIES

Construction Materials

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Harvey Cement Products, Inc.
16030 Park Avenue
Harvey, Illinois 60426-5069

May 1, 2007

Attn: Mr. Skip Steck

REPORT OF TESTS

SUBJECT: Physical Analysis of 8"x 8"x 16" Lightweight Concrete Masonry Units

PROJECT: Plant Research – Harvey Cement Products

SPECIFICATION: ASTM C 90, "Specification for Loadbearing Concrete Masonry Units"

TEST METHOD: ASTM C 140, "Test Methods for Sampling and Testing Concrete Masonry Units and Related Units."

DATE OF TESTS: April 27, 2007

NTL PROJECT #: 1057-07 (f)

TEST DATA

Solids: 52.6%

Net Area: 62.47 sq.in.

Dimensions: Length (in.) 15.5625 Width (in.) 7.625 Height (in.) 7.625

TEST RESULTS

Physical Properties	<u>A</u>	<u>B</u>	<u>C</u>	<u>Average</u>
Weight Dry (lbs.)	27.75	28.10	27.65	27.83
Absorption (%)	11.35	10.85	11.21	11.14
Absorption (lbs/cu.ft.)	11.43	11.03	11.28	11.25
Compressive Strength (PSI)	3034	3083	3040	3052
Density (lbs/cu.ft.)	100.67	101.65	100.60	100.98
Shrinkage (%)	0.029	0.029	0.028	0.029

The tests show compliance with ASTM C 90, "Specification for Loadbearing Concrete Masonry Units".

Respectfully submitted,

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Robert L. Nelson
Principal