

# 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 12"x 8"x 16" Split-Faced, 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 (j)

## TEST DATA

**Solids:** 47.3%  
**Net Area:** 87.71 sq.in.  
**Dimensions:** Length (in.) 15.625 Width (in.) 11.875 Height (in.) 7.625

## TEST RESULTS

<b>Physical Properties</b>	<b><u>A</u></b>	<b><u>B</u></b>	<b><u>C</u></b>	<b><u>Average</u></b>
Weight Dry (lbs.)	35.05	35.45	35.00	35.17
Absorption (%)	12.84	12.83	12.57	12.75
Absorption (lbs/cu.ft.)	11.68	11.64	11.44	11.58
Compressive Strength (PSI)	2584	2727	2673	2661
Density (lbs/cu.ft.)	90.94	90.66	91.00	90.87

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

Respectfully submitted,

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Robert L. Nelson  
Principal