

NELSON TESTING LABORATORIES

Construction Materials

1210 REMINGTON ROAD
SCHAUMBURG, ILLINOIS 60173 USA
Phone (847) 882-1146 Fax (847) 882-1148

www.nelsontesting.com

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

May 25, 2007

Attn: Mr. Skip Steck

REPORT OF TESTS

SUBJECT: Physical Analysis of 12"x 8"x 16" Light-Weight 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: May 24, 2007

NTL PROJECT #: 1072-07 (c)

TEST DATA

Solids: 48.8%
Net Area: 88.74 sq.in.
Dimensions: Length (in.) 15.625 Width (in.) 11.625 Height (in.) 7.625

TEST RESULTS

Physical Properties	<u>A</u>	<u>B</u>	<u>C</u>	<u>Average</u>
Weight Dry (lbs.)	33.70	33.75	33.95	33.80
Absorption (%)	14.84	14.81	14.58	14.74
Absorption (lbs/cu.ft.)	12.79	12.76	12.63	12.73
Compressive Strength (PSI)	2707	2628	2661	2665
Density (lbs/cu.ft.)	86.18	86.13	86.65	86.32

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

Respectfully submitted,

NELSON TESTING LABORATORIES



Robert L. Nelson
Principal