

NELSON TESTING LABORATORIES

Construction Materials

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

www.nelsontesting.com

Cloud Ceramics
P.O. Box 369
Concordia, Kansas 66901

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Attn: Jim

REPORT OF TESTS

SUBJECT: Physical Analysis of Clay Face Brick
PROJECT: Plant Research
SPECIFICATION: ASTM C 216, "Specification for Facing Brick."
TEST METHOD: ASTM C 67, "Test Methods for Sampling and Testing Brick and Structural Clay Tile."
NTL PROJECT #: 1088-07
DATE OF TESTS: June 25, 2007
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TEST RESULTS

<u>Type</u>	<u>Modular Velour Kansas Gold</u>					
<u>Size</u>	Length – 7.5"; Width – 3.5"; Height – 2.25"					
<u>Unit No.</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>AVG</u>
<u>Absorption (%)</u>						
24 hour	6.68	7.18	7.04	7.07	7.01	7.00
5 hour boil	8.17	8.70	8.53	8.52	8.51	8.48
<u>Saturation Coefficient</u>	0.82	0.83	0.83	0.83	0.82	0.82
<u>Initial Rate of Absorption</u> (g./min./30 sq.in.)	8.4	9.9	9.0	10.3	9.3	9.4
<u>Comp. Strength (PSI)</u>	15,027	14,682	13,882	14,960	15,222	14,755
<u>Efflorescence</u>	none	none	none	none	none	none

*These units complied with ASTM C 216, "Specification for Facing Brick" – Grade SW.

Respectfully submitted,

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Mark R. Nelson
Principal