

ROBERT L. NELSON & ASSOCIATES, INC.

CONSTRUCTION MATERIALS LABORATORY

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Kansas Brick & Tile Co., Inc.
P. O. Box 450
Hoisington, Kansas 67544

August 28, 2003

REPORT OF TESTS

SUBJECT: Certification of Kansas Brick & Tile Co. Clay Products

PROJECT: Plant Certification Program

SPECIFICATION: ASTM C 216, "Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)"

TEST METHOD: ASTM C 67, "Test Methods of Sampling and Testing Brick and Structural Clay Tile"

DATE OF TESTS: August 25, 2003

TEST RESULTS

Sample Identification: 530 Dark Family Modular Face Brick: 530 Dark, 500 Mahogany, 500 Chestnut, 500 Charcoal, Red Rock and Twilight

Saturation Coefficient 0.67

Efflorescence Rating Not effloresced

Unit No.	1	2	3	4	5	<u>Average</u>
Absorption (%)						
24 hour	3.18	3.64	3.21	3.43	3.22	3.34
5 hour boil	4.76	5.32	4.84	5.10	4.86	4.98
Initial Rate of Absorption (g)	3.5	3.5	2.0	3.6	3.5	3.2
Compressive Strength (PSI)	15472	15203	15004	16103	15888	15534
Modulus of Rupture (PSI)	1308	1392	1284	1368	1326	1336

The results show compliance with ASTM C216, Grade SW.

Respectfully submitted,

ROBERT L. NELSON & ASSOCIATES, INC.

Robert L. Nelson
President