

THE BISHOP MATERIALS LABORATORY

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Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile									
	08/23/2013								
Name:	Kansas Brick & Tile	Plant:	Kansas Brick						
Phone: Fax:	767 North U.S. 281 Hoisington, KS 67544 800-999-0480	Report Number:	KBT-0010						
		Sampled Date:	07/09/2013						
		Lot:							
		Product Code:							
Sample Description:	500 Harvard, 500 Manganese, Old Georgetown, 545 FF								
				Test Date					

							Test Bute
Absorption	1	2	3	4	5	Average	
24 Hour Submersion in Cold Water (%)	3.41	3.72	3.55	3.15	3.55	3.48	07/18/2013
5 Hour Submersion in Boiling Water (%)	6.33	6.50	6.39	6.30	6.33	6.37	
Saturation Coefficient (Ratio of 24H to 5H)	0.54	0.57	0.56	0.50	0.56	0.55	
Compressive Strength	1	2	3	4	5	Average	
psi	11,321	11,453	11,263	10,205	7,850	10,418	07/18/2013
MPa	78.1	79.0	77.7	70.4	54.1	71.8	
Efflorescence	11	12	13	14	15		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		08/07/2013
IRA	6	7	8	9	10	Average	
g/min/30 in. ²	2.4	2.2	2.7	2.3	2.0	2.3	07/23/2013

The brick represented by the test results shown here comply with the standards listed below:

ASTM C 216 - 12 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale) Grade: SW, MW

John Sunder

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