

**TEST REPORT**

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**Results of Tests on brick Conducted in accordance with C67/C67M - 23 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile**

08/25/2023

Name:	Yankee Hill Brick 3705 South Coddington Avenue Lincoln, NE 68522	Plant:	Yankee Hill Brick
Phone:	402-770-7720	Sampled Date:	8/8/2023
Report Number:	11942-29731	Received Date:	8/8/2023
		Fired Date:	8/8/2023
		Product Code:	
		Lot Number:	
Description: <b>Dark Red / Maroon</b>			

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	2.6	2.6	2.6	2.9	2.5	2.6	8/10/2023
5 Hour Boiling Water (%)	4.4	4.6	4.5	4.6	4.6	4.5	
Saturation Coefficient	0.60	0.56	0.58	0.63	0.56	0.59	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	15,440	18,050	14,890	14,510	15,670	15,710	8/10/2023

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. <sup>2</sup>	2.8	3.3	3.2	2.7	2.5	2.9	8/21/2023

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	8/21/2023

Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	21	21	21	21	21	21	8/18/2023

*The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:*

ASTM C216 - 22 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)  
Grade: SW, MW

*Katherine Hill*  
Katherine Hill, Quality Manager

*\*The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH  
The results shown above apply only to the samples tested, which are provided by the customer.  
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