

**TEST REPORT**

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**Results of Tests on brick Conducted in accordance with C67/C67M - 21 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile**

06/29/2022

Name:	Yankee Hill Brick 3705 South Coddington Avenue Lincoln, NE 68522	Plant:	Yankee Hill Brick
Phone:	402-770-7720	Sampled Date:	6/14/2022
Report Number:	10866-27013	Received Date:	6/14/2022
		Fired Date:	6/14/2022
		Product Code:	
		Lot Number:	

Description: **M-30**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	3.7	4.1	4.1	3.7	3.8	3.9	6/16/2022
5 Hour Boiling Water (%)	5.2	5.8	5.6	5.1	5.4	5.4	
Saturation Coefficient	0.71	0.72	0.73	0.73	0.71	0.72	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	16,470	16,230	14,430	15,790	16,590	15,900	6/16/2022

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. <sup>2</sup>	5.0	4.5	3.4	4.2	3.8	4.2	6/22/2022

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	6/27/2022

Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	21	22	22	21	22	21	6/21/2022

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

C 216 - 21 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)  
Grade: SW, MW

CAN/CSA-A82-14 Fired Masonry Brick Made From Clay Or Shale  
Class: EG, IG

*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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