



**TEST REPORT**

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*Results of Tests on brick Conducted in accordance with ASTM C 67-16 Standard Test Methods for Sampling and*

*Testing Brick and Structural Clay Tile*

04/02/2018

Name:	Yankee Hill Brick 3705 South Coddington Avenue Lincoln , NE 68522	Plant:	Yankee Hill Brick	*Temperature: 60 - 90F
Phone:	402-770-7720	Report Number:	8080-18280	*Humidity: 30% - 70%
Fax:		Received Date:	03/06/2018	
		Sampled Date:	03/06/2018	
		Lot:		
		Product Code:		

Sample Description: **Lt. IS, Light IronSpot, Mojave**

							Test Date
<b>Absorption</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
24 Hour Submersion in Cold Water (%)		4.91	4.98	5.01	4.87	5.02	4.96
5 Hour Submersion in Boiling Water (%)		7.57	7.63	7.56	7.52	7.60	7.58
Saturation Coefficient (Ratio of 24H to 5H)		0.65	0.65	0.66	0.65	0.66	0.65
<b>Compressive Strength</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
	<i>psi</i>	16,202	19,531	20,352	21,268	20,846	19,640
	<i>MPa</i>	111.7	134.7	140.3	146.6	143.7	135.4
<b>Breaking Load</b>		<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>
	<i>(lb/in.)</i>	383	657	691	548	699	596
<b>IRA (Oven Dried Method)</b>		<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>
	<i>g/min/30 in.<sup>2</sup></i>	3.0	2.7	3.1	1.6	3.1	2.7
<b>Abrasion Resistance</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
		0.03	0.03	0.02	0.02	0.02	0.03

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

ASTM C 1272 - 17 Standard Specification for Heavy Vehicular Paving Brick

Type: R

ASTM C 902 - 15 Standard Specification for Pedestrian and Light Traffic Paving Brick

Class: SX, MX, NX

Type: I, II, III

Michael Walker, 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.*

*This test report shall not be reproduced except in full, without written approval of the laboratory.*