



June 12, 2015

Florida Silica Sand Company  
Attn: Fernando Vasquez

E-Mail: fvasquez@fsscompany.com

Job: Sewer Brick

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**GENERAL SHALE BRICK**

The brick shown below manufactured by General Shale Brick, Inc., main office located in Johnson City, Tennessee, comply with the physical requirements for;

**Grade SM Sewer Brick**

**Requirements:**

Minimum Compressive Strength  
Maximum 5-Hour Boiling Absorption Average

**Grade SM**  
5,000 P.S.I.  
12%

**Grade MS and MM Manhole Brick**

**Requirements:**

Minimum Compressive Strength  
Maximum 5-Hour Boiling Absorption Average

**Grade MS**  
3,000 P.S.I.  
17%

**Grade MM**  
2,500 P.S.I.  
22%

Under ASTM C32 (Latest Revision) Specifications for Sewer and Manhole Brick, and AASHTO M91-70 Specifications for Sewer and Manhole Brick.

These Brick also comply with permissible variation of dimension criteria of the above specifications. Brick must not exceed more than 25% void area.

**Type Brick: Modular Full Range Wire Cut  
Modular Full Range Wire Cut Solids**

**Manufacturing Plant: Moncure**

**General Shale Brick, Inc.  
300 Brick Plant Rd  
Moncure, NC 27559**

Jim Bryja P.E., S.E. - Manager of Engineering Services