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2019 ACerS STRUCTURAL CLAY PRODUCTS DIVISION AND SOUTHWEST SECTION MEETING

in conjunction with the National Brick Research Center Meeting

www.ceramics.org/brick2019

June 24-27, 2019
Omni Severin Hotel Indianapolis, IN
June 24-27, 2019 | Omni Severin Hotel | Indianapolis, IN

**Schedule of Events**

**Monday, June 24**
- Registration: 3 – 6 p.m.
- Hospitality suite: 5 – 10 p.m.

**Tuesday, June 25**
- Registration: 7:30 a.m. – 5 p.m.
- National Brick Research Center meeting: 8 – 11:30 a.m.
- Lunch on own: 11:30 a.m. – 1 p.m.
- Technical session 1: 1 – 5 p.m.

**Wednesday, June 26**
- Plant tours: 7:30 a.m. – 5 p.m.
- Reception: 6:30 – 7 p.m.
- Banquet: 7 – 9 p.m.
- Hospitality suite: 9 – 10 p.m.

**Thursday, June 27**
- Technical session 2: 8 – 11 a.m.

**Plant Tour Lunch Sponsors**
- HALBERT MILL CO.
- J.C. STEELE & SONS, INC.

**Plant Tours Information** (bus departs 7:30 a.m.)

**GENERAL SHALE (Mooresville)**
General Shale is a leading producer of clay brick, concrete products, calcium silicate stone, and PVC pipes in North America. Our products provide a variety of building materials for residential, commercial and specialty architectural projects. Operating from 14 manufacturing locations, 26 retail stores, and a network of over 200 partnering distributors across the U.S. and Canada, we are the leading clay brick manufacturer of the Southeast. The Mooresville plant was built in 2007 and has a SBE capacity of 100 million brick/year. For more information visit https://generalshale.com

**BRICKCRAFT (Center Point)**
Founded in June of 2004, BrickCraft is located in South Central Indiana, approximately 20 miles east of Terre Haute, IN. BrickCraft mines local clay and shale to produce their red body face brick in standard, modular, queen, and engineered sizes. Currently, 40 employees make up their sales, management, and manufacturing team, which manufactures approximately 40 million brick per year. For additional information, visit http://www.brickcraft.com.

**MERIDIAN BRICK (Terre Haute)**
Meridian Brick’s Terre Haute, IN Plant was built in 2008 with a capacity of 120 million bricks per year in 8 sizes. Utilizing methane gas from the nearby Republic landfill, the plant obtains up to 60% of the BTU’s needed for the kiln. The facility was the first manufacturing plant in the industry to receive LEED Gold certification from the U.S. Green Building Council for sustainable building practices. For more information, please visit www.MeridianBrick.com.

**BRAMPTON BRICK (Farmersburg)**
With production starting in early 2009, Brampton Brick’s Farmersburg facility has been using 21st century technology to make ASTM C-216 bricks from our local shale deposit and other local clays. The facility has a maximum Fired Brick capacity of 100 Million MBE/Year (with the ability to expand to 200 Million/Year), utilizing one JC Steele 90 extruder, robotic setting, 2 tunnel dryers and 1 Tunnel kiln firing around 1950 Degrees F. The plant currently makes 6 sizes of bricks, and employs around 35 people. We look forward to seeing you during the plant tours during the meeting. For more information visit https://bramptonbrick.com/

**Technical Session Presentations**

**SESSION 1: Tuesday 1 – 5 p.m.**
- New robotic setting machine at the Acme Montgomery, AL plant
- Reducing Emissions with Glass Additions
- Getting the most for your money: HSI Crusher Operational Excellence
- Drying Processes and Holding Room Improvements
- Industry 4.0-3D Printing and the Production Line
- Block Mining for Consistency and Quality
- Plant retrofit and production increase of the Rosema Brick plant in Johannesburg – South Africa
- Technology, Innovations and Solutions
- Maximizing the economic efficiency of kiln car fleets

**SESSION 2: Thursday 8-11 a.m.**
- Extrusion and Rheometry Research – Part 2
- Acme’s New Scrubbers
- New Silica Regulations and MACT Update
- Additives 101
- Computerized Maintenance Management System
- Musings from a Safety Expo: Facts, Thoughts, and Theories
- Reducing Bat loss Back to the Fundamental

**ACerS Structural Clay Products Division Leadership**
- Chair: Luke Odenthal, Acme Brick Co.
- Chair-elect: Mike Walker, National Brick Research Center
- Vice Chair: Jed Lee, Meridian Brick, Augusta, GA
- Secretary: Holly Rohrer, Halbert Mill Co.
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- Chair: David Ziegler, Prince Minerals LLC
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- Vice Chair: Mat Tramel, Acme Brick Co.
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- Treasurer: Harland Dixon, Acme Brick Co.