The National Brick Research Center - Testing Services Request Form

Submitter Information:		Ship Samples to:
Name:		National Brick Research Center Attn: Jim Frederic 100 Clemson Research Blvd Anderson, SC 29625 Ph: 864-656-7358 Fax: 864-656-1095 e-mail: jfreder@clemson.edu (for freight samples) 102 Clemson Research Blvd
Company:		
Plant Address:		
Phone:		
Fax:		
P.O. Number:		
Date Shipped:		
Shipping Method/ Tracking Number		
E-mail:		

Sample Name (Use one form per sample)	
Sample Description	
Rush Service (Y/N)	
Fax Results (Y/N)	

⇒Materials constituting or containing hazardous waste cannot be accepted for testing⇐

Please include a MSDS for your material if available

See Available Testing/Price List for sample requirements and testing cost

Test Description (Check all that apply)		Test Description (Check all that apply)	
ASTM C-20		**ASTM C-32**	
Porosity, Absorption, Specific Gravity, Bulk Density		Compressive Strength	
ASTM C-67		BWA	
Modulus of Rupture		**ASTM C-113**	
Compressive Strength		Reheat Change (2,730°F limit)	
Absorptions		**ASTM C-126**	
Freeze/Thaw		Compressive Strength	
Initial Rate of Absorption (IRA)		**ASTM C-370**	
Efflorescence		Moisture Expansion	
ASTM C-279		**ASTM C-902**	
Modulus of Rupture		Compressive Strength	
Absorption		Absorption	
ASTM C-652		Efflorescence	
Compressive Strength		**ASTM C-1072**	
Absorption		Bond Wrench	
Freeze/Thaw		**ASTM C-1314**	
Efflorescence		Compressive Strength	
IRA		**ASTM E-518**	
ASTM E-514		Flexural Bond Strength	
Water Penetration			
Analytical Testing		**Analytical Testing**	
Dilatometry (Air)		X-Ray Diffraction	
Crystalline Silica Analysis		Total Particle Size Analysis	
Mercury Porosimetry		Leaching Test	
Hydrogen Fluoride Analysis - Pyrohydrolysis Method Dry Brick		Special Test Conditions with Satec (Strength Machine)	
Hydrogen Fluoride Analysis - Pyrohydrolysis Method Fired Brick		Firing Tests (<2350°F)	
Mass Balance (Fluorides)		Sample Preparation by Extrusion or Pressing	
Total Sulfur		Loss on Ignition (LOI)	
Differential Thermal Analysis		Material Evaluation	
Thermogravimetric Analysis		Firing and Property Testing	
Scanning Electron Microscopy			