



# Masonry Services

**Atlantic Testing Laboratories** provides a comprehensive range of both field and laboratory Masonry Testing Services, meeting ASTM requirements and/or project specifications.

## Field Services

- ◆ Special Inspection in accordance with the new Building Code of New York State
- ◆ Monitor Concrete Masonry Construction for:
  - \* Vertical and Horizontal Reinforcing Steel Placement
  - \* Lintels
  - \* Flashing
  - \* Control and Expansion Joints
  - \* Bond Beams
  - \* Veneers
  - \* Additional Services Upon Request
- ◆ Test Mortar and Cast Compressive Strength Cubes or Cylinders
- ◆ Perform Slump, Air Content, and Temperature Tests on Freshly Mixed Grout, and Cast Compressive Strength Specimens
- ◆ Monitor Construction of Masonry Prisms
- ◆ Sample Concrete Masonry Units and Clay Bricks
- ◆ Monitor Placement and Curing Procedures
- ◆ Sample Materials for Pre-construction Qualifications in accordance with ASTM C 270 and ASTM C 780, performed at our Laboratory

## Laboratory Services

- ◆ ASTM C 140 Testing Concrete Masonry Units - Dimensions, Compressive Strength, Absorption, Moisture Content
- ◆ ASTM C 67 Testing Brick and Structural Clay Tile - Modulus of Rupture, Compressive Strength, Absorption, Saturation Coefficient, Effect of Freeze/Thaw, Efflorescence, Weight per Unit Area, Additional Services Upon Request
- ◆ ASTM C 109 Compressive Strength of Mortar Cubes
- ◆ ASTM C 1019 Compressive Strength of Grout Specimens
- ◆ ASTM C 1314 Compressive Strength of Masonry Prisms
- ◆ ASTM C 109 Flow Determination
- ◆ ASTM C 91 Water Retention Determinations
- ◆ ASTM C 91 Calculated Air Content on Laboratory Mixes
- ◆ ASTM C 231 or ASTM C 173 Air Content of Freshly Mixed Concrete
- ◆ ASTM C 780 Mortar Water Content
- ◆ ASTM C 780 Mortar Aggregate Ratio
- ◆ Mortar Mix Designs

**For more information, contact:**

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***Think Quality***