

Quality Assurance Program

Newtonbrook Block is one of the only concrete block producers in Ontario to have established its own Quality Assurance (QA) Laboratory. This enables us to constantly monitor the raw materials, the production process and the finished products. This ensures that we are providing the end-user of the product with the highest quality possible.

All of our QA Technicians are certified with the World Center for Concrete Technology (Alpena, Michigan). The chief technician is also certified with the McMaster University Center for Effective Design of Structures.



Designers and Builders demand consistency in the quality of materials they use to construct buildings, retaining walls and other systems that utilize concrete masonry. Consistent manufacturing is enhanced with comprehensive quality assurance testing that includes both, in-house as well as third-party compliance of product.



Routine Tests Performed:

- Moisture Content of Aggregates/Mix (1)
- Gradation (Sieve Analysis) of Aggregates (2)
- Gradation of Mix Design (2)
- Compression Strength of Standard Blocks (3)
- Dimensions of Block (4)
- Visual Checks for texture and chipping (5)
- Kiln Status— Curing Temperatures/Times
- Cycle and Feed Time Checks
- Water Content Checks
- Cubing and Labeling of Finished Product (6)
- Inspection of Finished Product in Stock (6)

Contact Us:

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