

# MASONRY Laboratory Website

## Lab 4 – Evaluation of Compressive Strength

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Extra Resources:

ASTM C1314 Standard Test Methods for Compressive Strength of Masonry Prisms

ASTM C67 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

ASTM C140 Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units

Atkinson, R.H., 1991, "Effect of Loading Platen Thickness on Masonry Unit and Prism Strengths," The Masonry Society Journal, V. 10, No. 1, August, pp 86-94.

Drysdale, Robert G.; Hamid, Ahmad A.; and Baker, Lawrie R., Masonry Structures: Behavior and Design, Second Edition, Boulder, CO: The Masonry Society, 1999, pp 888.

Hamid, A.A.; Assis, G.F.; and Harris, H.G., 1987, "Compression Behavior of Grouted Concrete Block Masonry- Some Preliminary Results," Proceeding of The North American Masonry Conference, V. 2, August, pp 43:1-43:18.

Maurenbrecher, A.H.P., 1985, "Axial Compression Tests on Masonry Walls and Prisms," Proceedings of the North American Masonry Conference, June, pp 19:1-19:16.

Portland Cement Association, 1993, Compressive Strength of Masonry, IS276.