MASONRY Laboratory	
Lah 2 Evaluation of	Extra Resources:
Lab 3 – Evaluation of	<ul> <li>ASTM C67 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile</li> </ul>
Bond Strength	• ASTM C321 Standard Test Methods for Bond Strength of Chemical Resistant Mortars
Lab	ASTM C1072 Standard Method for Measurement of Masonry Flexural Bond Strength
	ASTM E518 Standard Test Method for Flexural Bond Strength of Masonry
Four-Point Bending Test	<ul> <li>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.</li> </ul>
Bond Wrench Test	<ul> <li>Ghosh, S.K., 1991, "Flexural Bond Strength of Masonry: An Experimental Review," The Masonry Society Journal, February, pp 64-73.</li> </ul>
Extras	• Hedstrom, Edwin G.; Tarhini, Kassim M.; Thomas, Robert D.; Dubovoy, V.S.; Klingner, R.E.;
	and Cook, R.A., 1991, "Flexural Bond Strength of Concrete Masonry Prisms Using Portland Computed Hydrated Lime Morters" The Masonry Society Journal February, pp. 8, 23
Lab Handout	<ul> <li>Khalaf, Fouad M., 2005, "New Test for Determination of Masonry Tensile Bond Strength"</li> </ul>
Sample Results	Journal of Materials in Civil Engineering, November/December, pp 725-732.
<u>-</u>	• Portland Cement Association, 1994a, Bond Strength Testing of Masonry, IS277.
Sample Lab Report	• Portland Cement Association, 1994b, Factors Affecting Bond Strength of Masonry, IS278.
Photos	• Suprenant, B.A. and Schuller, M.P., Nondestructive Evaluation & Testing of Masonry Structures Addison II Hanley-Wood LLC 1994 pp 194
110005	<ul> <li>Wood, Sharon L., 1995, "Flexural Bond Strength of Clay Brick Masonry," The Masonry Society</li> </ul>
Lab Equipment and Materials	Journal, February, pp 45-54.
Extra Resources	
Lab Worksheet	
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