Lab 3 – Evaluation of Bond Strength

Lab

Four-Point Bending Test

Bond Wrench Test

Extras

Lab Handout

Sample Results

Sample Lab Report

Photos

Lab Equipment and Materials

Extra Resources:

- ASTM C321 Standard Test Methods for Bond Strength of Chemical Resistant Mortars
- ASTM C1072 Standard Method for Measurement of Masonry Flexural Bond Strength
- ASTM E518 Standard Test Method for Flexural Bond Strength of Masonry
- Portland Cement Association, 1994a, Bond Strength Testing of Masonry, IS277.
- Portland Cement Association, 1994b, Factors Affecting Bond Strength of Masonry, IS278.