

# MASONRY Laboratory Website

## Lab 1-Construction of Masonry Wall and Prisms

### Lab

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### Objectives:

The objectives of this laboratory are to have students observe masonry construction and repeat the following laboratory tests and other operations involving masonry:

- Construct a masonry mini-wall of clay masonry units
- Determination of Initial Rate of Absorption (IRA) for clay unit using simplified method
- Masonry mortar proportioning, batching, and mixing (PCL and MC mortar)
- Measure mortar workability by flow table
- Measure mortar air content by pressure-meter method
- Construct prisms for subsequent compression and bond wrench testing

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