

WHAT ARE MASONRY SPECIAL INSPECTIONS?

The Masonry Institute of America (MIA) defines hollow concrete masonry construction as:

- The inspection as herein required of the materials, installation, fabrication, erection or placement of components requiring special expertise to ensure compliance with approved construction documents and referenced standards.



Grout Placement in a CMU wall

WHAT IS REINFORCED HOLLOW CONCRETE MASONRY CONSTRUCTION?

The Masonry Institute of America (MIA) defines hollow concrete masonry construction as:

The use of concrete blocks (CMU for short) with steel reinforcement embedded in grout or mortar so that separate materials act together to form a single effective structural system



***Call your knowledgeable
GEM Engineering, Inc.
representative for help with
masonry special inspection
testing at (502) 493-7100.***

WHAT MASONRY SPECIAL INSPECTION TESTING DOES GEM PROVIDE?

- Verification of site-prepared mortar, construction of mortar joints and location of reinforcement and connectors.
- Verification of size and location of structural elements, type, size and location of anchors including details of anchorage of masonry to structural members, frames or other construction
- Verification of specified size, grade and type of reinforcement
- Verifying welding of reinforcing bars
- Verifying protection of masonry during cold or hot weather
- Verifying that the grout space is clean prior to grouting and the proportions of site-prepared grout
- Verifying grout placement is in compliance with code and construction document provisions
- Preparation of any grout specimens and mortar specimens
- Verification of compliance with required inspection provisions of the construction documents and the approved submittals