

REPORT OF COARSE GROUT MIX DESIGN
--

APPLICATION: Coarse Grout for Masonry

MIX DESIGNATION: TCC BOM 106745, 104768

MATERIALS:

Portland Cement	ASTM C 150, TYPE I
Fly Ash	ASTM C 618
Fine Aggregate	ASTM C 404 Section 4.2
Coarse Aggregate	ASTM C 404 Section 4.2

GROUT PROPERTIES:

Portland Cement	1.0 Part
Fine Aggregate	2.8 Parts
Coarse Aggregate	1.9 Parts

ASTM C 476 Requirements:

1 Part by Volume
2¼ to 3 Parts by Volume
1 to 2 Parts by Volume

GROUT PROPERTIES:

Compressive Strength	4890 psi	3,000 psi average at 28 days
----------------------	----------	------------------------------

TESTING FACILITY:

Cemstone Companies Materials Laboratory
 Date: 8-Jan-09
 LAB ID: T081209E

NOTES:

- If compressive strength is to be determined, it should be done in accordance with Test Method C 1019.
- The volumetric proportions are based on unit weights per ASTM C 476 and Independent Testing Lab reports. The aggregate weights are in oven-dry condition.

Reviewed By:

Kevin A. MacDonald, Ph.D., P.E.