Giles Engineering Associates, Inc.

GEOTECHNICAL, ENVIRONMENTAL AND CONSTRUCTION MATERIALS CONSULTANTS

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Report of Mortar Compression Test

CLIENT: Reco Cement
1116 North Point View Road
Oconomowoc, WI

PROJECT: Reco Cement Lab Testing

DATE: May 19, 2015

PROJECT NO.: 1M-1502009 -M- 046

FIELD TEST DATA & MIX DESIGN INFORMATION

Location of placement: Test Batch No.1972

Cast Date:	5/12/2015	Type of batching:	*
Time:	*	Supplier:	Reco
Weather:	*	Mortar Type:	*
No. of specimens:	5	Cement (lbs):	*
Client Ref. No.:	1972	Cement Type:	*
Portion of load:	*	Cement Brand:	*
Sampled from:	*	Water (gal):	*
Batch Size:	*	Fine Aggregate (type, lbs):	*
Flow:	*	Fine Aggregate Source:	*
Mortar Temp. (F):	*	Admixture (type, oz):	*
Air Temp. (F):	*	Admixture (type, oz):	*
Water added (gal):	*	Admixture (type, oz):	*
Placement time (min.):	*	Contractor:	Reco
Data submitted by:	Client	**Specimens are 2 inch diameter by 4 inch tall cylinders.**	

☐ SPECIMENS MADE BY GILES ☐ SPECIMENS PICKED UP BY GILES

☒ SPECIMENS MADE BY OTHER ☒ SPECIMENS DELIVERED BY OTHER

Lab Number: M-150733 Date Received at Lab: 5/14/2015

SPEC ID	TYPE OF CURING	AGE (days)	TEST DATE	SPECIMEN CONDITION	TOTAL LOAD (lb-f)	TOTAL LOAD (kN)	SPECIMEN AREA (sq. in.)	SPECIMEN AREA (sq. cm)	FRACTURE & CAPPING	COMPRESSIVE STRENGTH (psi)	COMPRESSIVE STRENGTH (MPa)
A	2F/1L	3	5/15/2015	good	3520	15.7	3.14	20.27	A & N	1120	7.7
B	2F/5L	7	5/19/2015	good	6210	27.6	3.14	20.27	A & N	1977	13.6
C	2F/12L	14	5/26/2015								
D	2F/26L	28	6/9/2015								
E	2F/26L	28	6/9/2015								

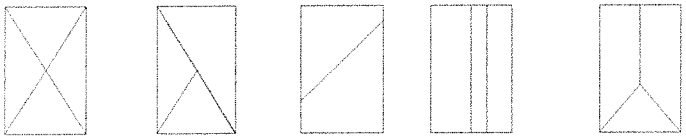
SPECIFIED COMPRESSIVE STRENGTH AT 28 DAYS		

REMARKS: 1) Laboratory ASTM test methods used: C 39 or C 109, C 617, C 511.
2)
3)
4)

28 DAY SPECIMENS NOT YET TESTED

* INFORMATION NOT SUPPLIED

A: CONICAL B: CONE & SHEAR C: SHEAR D: COLUMNAR E: CONE & SPLIT



FRACTURE TYPES

CAPPING METHODS
S = sulfur capping compound
P = plaster capping compound

Reviewing Engineer: Steven P. Homar

Laboratory testing was performed by an AASHTO accredited laboratory.