



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES (MES)

TEST RESULTS FOR COMPRESSIVE STRENGTH OF CEMENT MORTER CUBE

Job No : 02/14-15
Name of Client : GE(Navy) Dhaka
Name of Project : BN/16 of 2014-15

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Name of Cement Brand : BASHUNDHARA CEMENT (PCC)

Ref ltr No. : BN/16 of 2014-15/02/E-3 dt. 20 oct,2014

Date of Casting : 26/10/2014

Sample Receive Date : 27/05/2015

Test results of Portland Cement (Type-1)

Compressive Strength, psi & (Mpa) ASTM-11b	Age	3 Days	7 Days	28 Days*
	Date	29/10/2014	02/11/2014	23/11/2014
	In figure	1151 psi (7.9Mpa)	1744 psi (12Mpa)	2397 psi (16.5Mpa)
	In words	one thousand one hundred and fifty-one psi	one thousand seven hundred and forty-four psi	two thousand three hundred and ninety-seven psi
Standard/Optional* Requirement for PC Type I:ASTM C150-12		1740 (12Mpa)	2760 (19Mpa)	4060 (28Mpa)
Mixing water temperature		22°C	Curing water temperature	20.5-25°C

Water for normal consistency: ASTM C187-11		Initial Setting Time (minutes): ASTM C191-08		Final Setting Time (minutes): ASTM C191-08	
Standard Requirements: ASTM C150-12	Test Result	Standard Requirements: ASTM C150-12	Test Result	Standard Requirements: ASTM C150-12	Test Result
*****	26%	Not less than 45 minutes	127	Not less than 375 minutes	320

Fineness (Specific Surface), m ² /kg: ASTM C204-11 (Air Permeability Method)		Density/Specific Gravity (gm/cc): ASTM C188-09		Weight of Cement Bag (kg)	
Standard Requirements:ASTM C150-12	Test Result	Standard Requirements	Test Result	Standard Requirements	Test Result
Minimum 260 m ² /kg	487	****	****	****	****

Remarks:

Observation on Specimen(if any):

1.

Laboratory Technician

Test Performed By

Vetted By

This is a computer generated copy

No signature is required

Note :[1 Mpa = 145 Psi, 1 kg/cm² = 14.223 psi]

Important Notes: Samples as supplied to us have been tested in our laboratory. MES LAB does not have any responsibility as to the respective character of the samples required to be tested. It is recommended that samples are sent in a secured and sealed cover/packet/container duly signed by a competent authority. In order to avoid fraudulent fabrication of test result, it is also recommended that all the test reports are collected by an authorized person, and not by the Contractor/Supplier.