CONCRETE PRODUCTS LIMITED
(BLOCK)

Quality Control and Quality Assurance Laboratory
Ganganagar, Murapara, Naryanganj District-1464

TEST REPORT

Date of Experiment: 23 June, 2020
Time: 3.25 P.M.
Production Date: 16 June, 2020
Requested By: Technical Engineer (Block)
Specimen Type: 190 mm Hollow Block
Dimension: L390 x H190 X W190 mm
Quantity: 3 pcs
Name of the Test: Compressive strength test
Project/Client name: N/A

Experiment Details:

SL no.	Date of casting	Load bearing area (mm^2)	Crushing Load (KN)	Average Crushing Load (KN)	Compressive Strength (psi)
01.	16/06/2020	54,300	645		
02.	16/06/2020	54,300	648	641	1711.7
03.	16/06/2020	54,300	630		

Related Theories:

Compressive strength= $\frac{Crushing\ load}{Area}$
Crushing load Unit = Newton
Area unit= mm^2
1 N/mm^2 = 145 psi

Comments/Recommendation:

Average requirement 1600psi. So, good to delivery.

Countersigned By
by
AGM
QA & QC

Test performed

Lab Technician

CEMENT AND CONCRETE PRODUCTS LIMITED

Quality Control and Quality Assurance Laboratory

Ganganagar, Murapara, Naryanganj District-1464

TEST REPORT

Date of Experiment: 11/06/2020
Time: 3.20 PM
Requested By: Technical Engineer (Block)
Specimen Type: Uni Pavers (100mm)
Dimension: 220 X 110 X 100 mm
Quantity: 3 pcs
Name of the Test: Compressive Strength Test [ASTM C140]
Project/Client name: BSRM Steel Mills

Experiment Details:

SL no.	Date of casting	Load bearing area (mm^2)	Crushing Load (KN)	Average Crushing Load (KN)	Compressive Strength (psi)
01.	21/03/2020	21,525	760		
02.	21/03/2020	21,525	735	748.33	5041 psi
03.	21/03/2020	21,525	750		

Related Theories:
*1 n/mm^2 = 1MPa
*1 MPa = 145 psi

Comments/Recommendation:
As the client requirement is 4800 psi, the product is good to delivery.

Countersigned By
by
AGM
QA & QC

Test performed

Lab Technician

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BLOCK
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