



KDM ENGINEERS (INDIA) PRIVATE LIMITED

Complete Civil Engg. Solutions

Dated: 17th November, 2018

REF: KDMEI/NDT/11-002/2018,

To,

M/s Vishwa Samudra Engineering Pvt Ltd - JV
Plot No .46, Amar co-operative Society,
Jubilee Hills ,Hyderabad-500033
Telengana,
India

RESULTS OF COMPRESSIVE STRENGTH TEST ON CORES

Source of the sample : Sample Extracted from Site.
Core barrel (mm) : 152
Name of the Work* : Stabilized Road, Adoor , Kerala
Cores extracted on : NA
Cores tested on : 17.11.2018
Layer : Stabilization of Recycled Pavement

Sl. No.	Core ID	Core Locations*	Core length (l) (mm)	Core Dia (d) (mm)	Core Wt.** (Kg.)	Load (kN)	Core comp. Strength # (N/sq.mm)	l/d Ratio	Correction factor for (l/d) ratio+	Corrected Cyl. comp. Strength (N/sq.mm)
1	C-6	N A	176	144	6.240	109.50	6.72	1.22	0.914	6.1
2	C-5	N A	173	144	6.301	137.95	8.47	1.20	0.912	7.7
3	C-1	N A	169	144	6.210	110.80	6.80	1.17	0.909	6.2

** Core length / weight after trimmings and capping: Core length may increase or decrease when compared to extracted core length after capping.

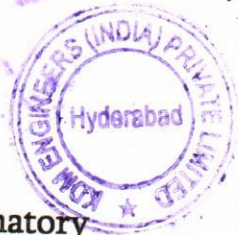
+ For l/d ratio, correction factors are as per Figure - 1 of IS: 516 - 1959 (Reaffirmed 2008).

Note

- 1) Compressive strength should be 4.5 Mpa to 7.0Mpa as per cl.7.3.2.1 of IRC -37-2012 .
- 2) The swelling and shrinkage was not observed as the water absorption is low.
- 3) No disintegration of specimens even after immersion for 3 days.
- 4) Report shall not be reproduced, except in full, without the written approval of the laboratory.

for **KDM ENGINEERS (INDIA) PVT. LTD.**

J. V. Gupta



Authorised Signatory