



TEST REPORT

STRENGTH OF MATERIALS LABORATORY

CIVIL ENGINEERING DEPARTMENT

University of Engineering & Technology, Lahore. 54890, Pakistan.

Email: Materials.Lab.ced.Lhr@gmail.com

ORIGINAL

A copy of the report has been retained in the Lab for - record.

4917

Sr. No: _____

Client Reference No.: CEO/24/029

SOM Lab Ref: CED/SOM/3492 (Page 1/1)

Test Type: Pull-Out Testing of HORSE HM-500 For Advance Construction Chemical

Test Performed by: Dr. Syed Asad Ali Gillani

Dated: 10-01-2024

Dated: 11-01-2024

Naeem Ahmad,
C.E.O., Advance Engineering & Chemical Services,
WAPDA Town Lahore

This is with reference to your above-mentioned letter and SOM receipt No. 3492 dated: 11-01-2024. The samples for pull-out test submitted in the Laboratory have been tested and the results are provided below.

Pull-Out Test Results

Sample No.	Concrete Size (Cylinder)	Size of Embedded Steel Bar	Maximum Load Attained	Mode of Failure
1	Diameter = 6 inches Height = 12 inches	#6	106.5 kN	Concrete Splitting Failure
2		#4	64.0 kN	Steel Bar Pull-Out (Slippage) Failure
3		#3	39.5 kN	Steel Bar Pull-Out (Slippage) Failure

Note: Please always confirm the results on web www.uet-civil.edu.pk

OFFICIAL SEAL



- Note:
- The above test results pertain to sample(s) provided to this laboratory and should not be reproduced in parts.
 - The supplied samples were **Sealed / Unsealed / Unsigned / Signed**. This laboratory does not accept the responsibility that the supplied samples are truly representative sample(s) of the batch / lot or stock of a particular production.
 - While this laboratory agrees to take every reasonable precaution to ensure validity of its test results, it assumes no liability thereof beyond the amount of the fee charged for the test(s).
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