



**MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES(MES)**

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TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE

Job No : 69 (D)/2025-2026 (Con).

Name of Client : AGE (Air) PKP.

Ref ltr no : EinC/442 of 2022-2023/73/E-6 Dt.16 Oct' 2025.

Name of the project : Construction of 1 x Administrative building.

Status of sample : 1st floor slab & beam (Part-B).

Dt of sample collection: 20 Oct'2025

Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")

Type of Aggregate : Stone

Brand & Type of Cement : Shah Opc.

Proportion of Mixture : 1:1.5:3

Desired Design Strength : 2275 Psi

| Ser no. | Date of casting and (Age in days) | Date of Test | Specimen Area Sq inch | Maximum Load (Lbs) | Crushing Strength (Psi) | Average Crushing Strength (Psi) | Remarks |
|---------|-----------------------------------|--------------|-----------------------|--------------------|-------------------------|---------------------------------|------------------|
| 1 | 15 Oct'2025 (07 days) | 22 Oct'2025 | 12.17 | 31008.18 | 2548 | Average of Sample 1, 2 & 3 2502 | Combined Failure |
| 2 | | | 12.17 | 28953.37 | 2379 | | |
| 3 | | | 12.17 | 31387.87 | 2579 | | |

Cautions :

- 1 Samples as supplied to the laboratory have been tested. The laboratory authority does not bear any responsibility as to the representative character of the sample to be tested.
- 2 It is recommended that samples are sent in a sealed cover/packet/container under signature of the competent authority
- 3 In order to avoid fraudulent fabrication of the test result ,it is recommended that test reports should be collected by duly authorized person and not by the contractor/supplier.

Observation on Specimen(if any):

1

Laboratory Technician

Test Performed By

Vetted By

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