



**STRUCTURAL ENGINEERING DIVISION**  
**Test Floor Laboratory**  
**Department of Civil Engineering**  
**University of Engineering and Technology Lahore, 54890**  
**Pakistan. Ph: 92-42-99029202**

Ref: CED/TFL/08/5576  
Dated of Test: 04-09-2024

Dated: 29-08-2024

To

CEO  
Building Standards Ltd.  
MSG, Lahore.

Subject: **TESTING OF PRECAST CONCRETE COLUMN** (Page – 1/2)

Reference to your letter No. GT/LTR/240828-035, dated 26.10.2023 on the subject cited above. One Precast Concrete column (shown in Figure - 1) as received by us has been tested in Flexure (Four point loading, Figure - 2). The results are tabulated as under.

**Total Length** : **336.00 cm**  
**Effective Length** : **311.00 cm**  
**Ultimate Load** : **9.50 kN**

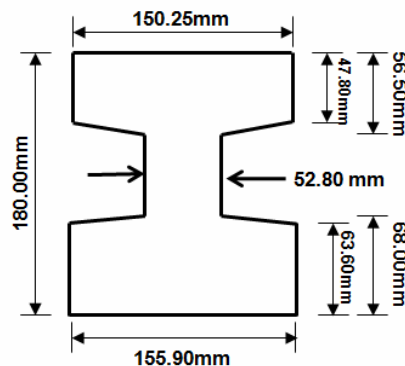


Figure 1

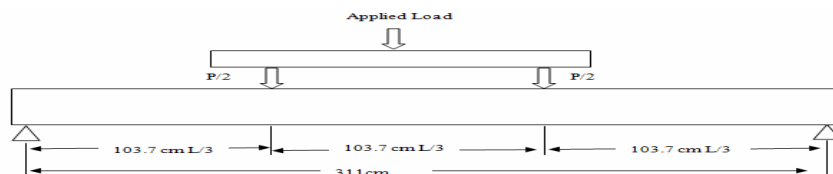


Figure 2

**I/C Testing Laboratoires**  
**UET Lahore, Pakistan.**

Note:

- 1- You can See your reports On Internet in the following web site  
[http://www.uet.edu.pk/faculties/facultiesinfo/civil/index.html?RID=testing\\_reports](http://www.uet.edu.pk/faculties/facultiesinfo/civil/index.html?RID=testing_reports)
- 2- The above results pertain to sample /samples supplied to this laboratory.
- 3- Sealed sample / Unsealed sample / Marked sample/Signed Samples



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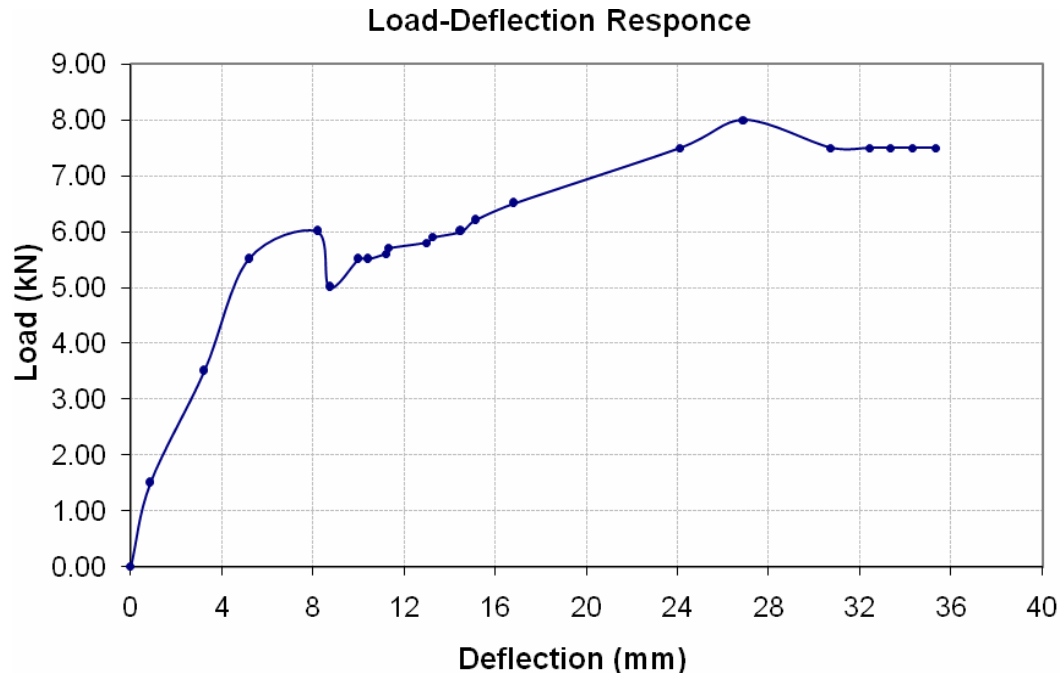
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Subject: TESTING OF PRECAST CONCRETE COLUMN (Page – 2/2)

Load (kN)	0	1.5	3.5	5.5	6	5	5.5	5.5	5.6	5.7	5.8
Deflection (mm)	0	0.85	3.22	5.17	8.18	8.72	9.98	10.4	11.18	11.3	12.976

Load (kN)	5.9	6.00	6.20	6.50	7.50	8.00	7.50	7.50	7.50	7.50	7.50
Deflection (mm)	13.25	14.5	15.1	16.8	24.1	26.9	30.7	32.4	33.3	34.3	35.3



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