



MTL/ FO/ 09 (A)  
**NEW DELHI MUNICIPAL COUNCIL**  
 MATERIAL TESTING LABORATORY  
 QUALITY CONTROL CELL  
 VIDYUT BHAWAN, NEW DELHI

**Flexural Strength of Cement Concrete Beam Test**

1. Name of Work :
  
2. Details from where sample is collected :
3. Name of Division :
4. Name of Executive Engineer :
5. Name of Assistant Engineer :
6. Name of Junior Engineer :
7. Name of Agency :
8. Date of Casting :
9. Date of Testing :
10. Age of Specimen :
11. Mix/ Grading of Cement Concrete :
12. Required Strength as per Agreement :
13. No. of Specimens :
14. Size of Specimens :
15. Identification mark on Specimens :

Certified that the beams of cements concrete have been taken in our presence which represent.....qty. of concrete.

J.E. (Work)

Contractor

A.E. ( )

E.E. ( )

**RESULTS OF TEST**

Marks	Sr. No.	Span Length (L) mm	Width (b) mm	Depth (d) mm	Load (P) KN	Position of fracture (a) mm	Flexural strength		Average Strength N/mm <sup>2</sup>
							$\frac{P \times L}{B \times d^2}$	$\frac{3 p a}{B d^2}$	
	1.								
	2.								
	3.								
	4.								
	5.								
	6.								

The c.c. beams were found in a state of Moist/Dry .....Conditions on testing.

**A.E. (Lab.)**

**E.E. (Q.C.& T.A)-I**