



Flexural Strength Test on concrete samples (As per :IS-516-1959)



Format No.: LTS/QC/P07/

PROJECT	: Mumbai Metro Line 3
CLIENT	: Mumbai Metro Rail Cooperation
CONSULTANT	: MAPLE
CONTRACTOR	: L&T-STECC JV MUMBAI (LTS)
Grade of concrete	M40 RCC
Number of samples tested	3
Specimen size	150x150*700mm
Volume of Beam	0.01575 m ³
Technical ref.	IS:516-1959(Referred -2004)

S.No	ID Mark on specimen	Date of casting	Date of testing	Age in days	Weight in KG	Load	Flexural St in N/mm ²
1	LTS TM-1249	02-03-2020	28-04-2020	57	41.23	35.21	6.26
2					40.25	32.87	5.84
3					40.68	34.87	6.20
							6.10

Remark :-


QA-QC Engineer


MAPLE Engineer
15/05/2020



Split Tensile Test on cylindrical concrete samples (As per -ASTM C 496)



Format No.: LTS/QC/P07/F38

PROJECT	: Mumbai Metro Line 3
CLIENT	: Mumbai Metro Rail Cooperation
CONSULTANT	: MAPLE
CONTRACTOR	: L&T-STECC JV MUMBAI (LTS)

Grade of concrete	M40 RCC
Number of samples tested	3
Specimen size	150x300 mm
Volume of cylinder	0.0053M3
Technical ref:	ASTM C 496

S.No	ID Mark on specimen	Date of casting	Date of testing	Age in days	Weight in KG	Load	Split tensile St in N/mm ²
1	LTS-TM 1249	02-03-2020	28-04-2020	57	13.49	330.24	4.67
2					13.45	341.23	4.83
3					13.50	315.63	4.47

Average Split Tensile Strength

4.66

Remark :-


QA-QC Engineer


MAPLE Engineer
15/05/2020