

DATA SHEET

ALL-INDIA STUDENTS' "CONCRETE CUBE TEST" COMPETITION - 2017

INDIA CHAPTER OF AMERICAN CONCRETE INSTITUTE

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Name of College: _____

Name of Competitor(s)

1. _____

2. _____

3. _____

Tel. _____ E-mail: _____

Mix Details	Type	Wt. (kgs) / m ³ of concrete
1. Cement (Brand)		
2. Coarse Aggregates / Crushed Stone		
3. Fine Aggregates - Sand / Crushed Stone		
4. Mineral Admixtures		
5. Chemical Admixtures (Brand)		
6. Water		

CASTING DETAILS:

1	Date of Casting		6	Temperature in °C a. Of concrete at casting b. Ambient temperature at casting c. Curing water temperature.
2	Cement a. IS No. b. 28 days strength in Mpa c. Attach test certificate for C3A, C3S, C4AF content in % d. Initial setting time e. Maxm. Specific surface		7	Relative humidity at casting (%)
			8	Slump in mm/c.f. a. After mixing b. After 30 min.
3	Coarse Aggregates a. Specific Gravity b. Impact Value		9	Mode of mixing - Manual / Mixture (Capacity)
4	Fine Aggregates a. Specific Gravity b. Sieve % c. Silt Content		10	Mode of compaction: a. Rodding b. Vibration Table
5	Grading curve of Coarse & Fine Aggregates		11	Target cube strength (N/mm ²)

To the best of my knowledge, the above information is correct. The competitors have adhered to and the cubes submitted fully conform the guidelines of the competition.

Name of Guide / Head of Department / Organisation: _____

Designation : _____

Signature : _____

Date: _____

Seal : _____

❖ (To be enclosed with Mix Design Report)