

**DELHI URBAN SHELTER IMPROVEMENT BOARD
GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER:DD-VI**

RMS-071
Received on 31/5/17
10 87 84

To

The Assistant Engineer (QC)
Quality Control Lab., DUSIB
Vikas Kutir, ITO, New Delhi

Part I

Dispatch No. D-29/AE/III/C-8/DUSIB/2017

Date: 31/5/17

Sub: Testing of Water for construction purpose.

A. L. No. 08/EE/C-8/DUSIB/17-18/10-101

Dated. 6/5/17

1. Name of work: CIT Hall
 - SH: 40 R.C.C. wall Idg have and cannot connect Perimeter
in open area at CIT Hall main water pipeline.
 2. Details from where sample is collected From
 3. Name of Circle/Division C-8
 4. Name of Junior Engineer Bed Singh
 5. Name of Assistant Engineer Subender Singh
 6. Name of Executive Engineer Sh. R.K. Gang
 7. Name of Contractor/Agency Sh. Kuldip Kumar
 8. Name of Officer collecting sample Sh. Subender Singh AE
 9. Date of collection: 31-5-2017
 10. Date of handing over the sample:
 11. Required strength:
 12. Quantity of sample sent for testing:
 13. Size of specimen: one sealed water bottle
 14. Mark of specimen: R.S.
- Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked R.S. has/have been taken in my presence which represent-----quantity of works/supply made at site/store.

Signature of JE
In charge of work

Signature of Contractor

Signature of Officer
taking sample (EE/AE)

Part II

TEST REPORT

No. SE (QC)/AE (Lab.)/2017-18 /D-

Date:

Test No. 071 Date: 31-5-17

Date of Receipt: 31-5-17

Date of testing: 31-5-17

Date of completion of testing: 31-5-17

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	<u>6.29 ml.</u>	0 - 25 ml of 0.02N H ₂ SO ₄	
2.	Acidity to neutralize 100 ml of sample of water	<u>2.31 ml.</u>	0 - 5 ml of 0.02N NaOH	
3.	Sulphates (SO ₄) in mg/ litre	<u>142.15 mg/l</u>	0 - 400 mg/litre	
4.	Total Suspended Solids	<u>255.10 mg/l</u>	2000 max.	
5.	Chlorides (Cl ₂) in mg/litre	<u>413.12 mg/l</u>	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	<u>Acceptable</u>
6.	Total solids in mg/litre	<u>155.20 mg/l</u>	0 - 3000 mg/litre	<u>155.20</u>
7.	Total Organic matter in mg/litre	<u>77.25 mg/l</u>	0 - 200 mg/litre	
8.	pH Value	<u>7.19</u>	Should not be less than 6.	

Tested in my presence

Only testing has been conducted in this laboratory. The sample/samples has/have been collected and handed over by the field staff of the concerned division.

Assistant Engineer (QC-Lab)
DUSIB, Vikas Kutir, ITO
Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board
Govt. of N.C.T. of Delhi
ITO, New Delhi-02

Copy to:-

1. EE/C-8
2. DO