

R No. 330
Received on 19/12/17

The Assistant Engineer (QC)
 Quality Control Lab DUSIB
 Vikaskutir ITO New Delhi

Part - I

Dispatch No: 67/AE-I/EEC-4/DUSIB/2016-17

Date 19/12/17

Sub: Testing of water construction purpose

No. - AL-11/WD/4541/EE-C-4/DUSIB/AE IV/17-18/D-126

Dated: 16-05-17

- | | |
|--|--------------------------------|
| 1. Name of work : GIA to DUSIB for existing infrastructure | |
| S.H. : Special repair of 96 flats allotted to riot victims at A- Block Tilak vihar. (P ID - 07524) | |
| 2. Details from where sample as collected | Form the site |
| 3. Name of circle Division | Circle -2/ C-4 |
| 4. Name of Junior Engineer | |
| 5. Name of Assistant Engineer | Sh. Yashvir Singh |
| 6. Name of Executive Engineer | Sh. Anil Kumar Aggarwal |
| 7. Name of Contractor/ Agency | M/S Durga Construction Co. |
| 8. Name of Officer collecting sample | Sh. Yashvir Singh |
| 9. Date of collection Sample | <u>19.12.17</u> |
| 10. Date of handling over the sample | <u>19.12.17</u> |
| 11. Quantity of sample sent for testing | 3 Ltr |

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/ samples marked sealed in bottle have been taken in my presence which represent Quantity of work/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(I) /2017-18/D- 2456
 Test no. 330 Date: 19.12.17
 Date of Receipt 19.12.17
 Date of testing 19.12.17

Date: 20/12/17

Date of Completion of Testing: 20.12.17

S.no	Name of test conducted	Test value	Acceptable Criteria	Remarks
1	Alkalinity to neutralize 100ml of sample of water	<u>5.38 ml</u>	0-25ml of 0.02N H2SO4	
2	Acidity to neutralize 100ml of sample of water	<u>1.41 ml</u>	0-5ml of 0.02N NaOH	
3	Sulphates (SO4) in mg/litre	<u>138.8 mg/l</u>	0-400 mg/litre	
4	Total suspended Solids mg/litre	<u>201.00 mg/l</u>	2000 max	
5	Chlorides (Cl2) in mg/litre	<u>58.8 mg/l</u>	500mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	<u>Acceptable</u> ACCEPTABLE
6	Inorganic Solids	<u>197.15 mg/l</u>	0-3000 mg/litre	
7	Total organic Matter	<u>93.25 mg/l</u>	0-200 mg/litre	
8	pH Value	<u>7.01</u>	Should not be less than 6	

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

Copy to

1. EEIC-4
2. OIC

20/12/17
 Asst. Engineer (QC-Lab)
 Vikaskutir ITO