RMO - 217

Received on 20/2/17

To

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

Part I

Dispatch No. D(26)DUSIB/C-7/2017 Date: 18/2/17

Sub: Testing of Water for construction purpose.

A. T. No. WE/6031/46/PS/DUSIB/C-7/2016-17/D-827 Date 27/09/2016

1 Name of work:- Improvement of S&SR Basties Kirmandi - Renovation/Upgradation of existing AK Loos at Community Hall Rajender SH

2 Details from where sample is collected — at site

3 Name of Circle/Division — C-7

4 Name of Junior Engineer — Shri Tarun Gaur

5 Name of Assistant Engineer — Sh. R.D. Passi

6 Name of Executive Engineer — Sh. K.B. Sharma

7 Name of Contractor/Agency — M/s - M.K. Traders

8 Name of Officer collecting sample — Sh. R.D. Passi

9 Date of collection — 18.2.17

10 Date of handing over the sample — 18.2.17

11 Quantity of sample sent for testing — 2 litre

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/ samples marked----------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) 18/2/17

Part II TEST REPORT

No. SE (QC)/AE (Lab.)/2011-12 /D- 4273 Date 20/02/17

Test No. 217 Date 20.2.17

Date of Receipt 20.2.17

Date of testing 20.2.17

Date of completion of testing 20.2.17

| S.No | Name of the test conducted | Test Value | Acceptable criteria | Remarks |
|---|---|---|---|---|
| 1 | Alkalinity to neutralize 100 ml of sample of water | 6.28ml. | 0 – 25 ml of 0.02N $H_2SO_4$ | |
| 2. | Acidity to neutralize 100 ml of sample of water | 2.18ml. | 0 – 5 ml of 0.02N NaOH | - |
| 3. | Sulphates ($SO_4$) in mg/ litre | 32.20mg/l. | 0 – 400 mg/litre | |
| 4. | Total Suspended Solids | 1150mg/l. | 2000mg/l. | |
| 5. | Chlorides ($Cl_2$) in mg/litre Inorganic | 58.25g/l. | 500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel | Acceptable |
| 6. | Total solids in mg/litre | 7300mg/l. | 0 – 3000 mg/litre | |
| 7 | Total Organic matter in mg/litre | 58.00mg/l. | 0 – 200 mg/litre | |
| 8. | pH Value | 7.12 | Should not be less than 6. | |

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

20/2/17

Copy to -

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