

213-129

Received on 18/9/18

FD NO 00000 9197

3883

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

Part I
Dispatch No. AE-IV/C-9/DUSIB/2018/D-65 Date: 17/09/2018

Sub: Testing of Water for construction purpose.

A. L. No. 11/E.E/C-9/DUSIB/2018-D-654 Dated: 28/08/2018

Name of work: Const. of BVK/C.Hall (Revenue)

Sub Head: upgradation of BVK (D/S) in SS Basti at block 18-20 Ralyanpur

1. 2. Details from where sample is collected from site
2. Name of Circle/Division 3/C-9
3. Name of Executive Engineer Sh. Ram Dass
4. Name of Assistant Engineer Maharaja Pal
5. Name of Junior Engineer Sh. Madal Meena
6. Name of Contractor/Agency M/s. Sankhemi Builders
7. Name of Officer collecting sample Maharaja Pal
8. Date of collection: 17/09/2018
9. Date of Testing
10. Quantity of sample sent for testing: 2 litre water
11. Date of handing over the sample 18/09/2018
12. Quantity of sample sent for testing 2 litre water in bottle

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked (R) has/have been taken in my presence which represent quantity of works/supply made at site/store.

Signature of JE In charge of work
R. Bhatti
Signature of Contractor

Signature of Officer taking sample (EE/AE)
M. P.

Part II TEST REPORT

No. SE (QC)/AE (Lab.)/2017-18/D-877 Date: 20/09/18
Test No. 129 Date: 18/9/18
Date of Receipt: 18/9/18
Date of testing: 18/9/18 Date of completion of testing: 18/9/18

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	<u>7.95ml</u>	0 - 25 ml of 0.02N H ₂ SO ₄	
2.	Acidity to neutralize 100 ml of sample of water	<u>2.63ml</u>	0 - 5 ml of 0.02N NaOH	
3.	Sulphates (SO ₄) in mg/ litre	<u>173.10mg/l</u>	0 - 400 mg/litre	
4.	Total Sulphate & Solids	<u>265.90mg/l</u>	<u>2000 max.</u>	
5.	Chlorides (Cl ₂) in mg/litre	<u>73.20mg/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>(Total Solids)</u>	<u>137.10mg/l</u>	0 - 3000 mg/litre	<u>ACCEPTABLE</u>
7.	Total Organic matter in mg/litre	<u>93.20mg/l</u>	0 - 200 mg/litre	
8.	pH Value	<u>7.33</u>	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
Delhi Urban Shelter Improvement Board
Govt. of N.C.T., of Delhi
ITO, New Delhi-110

Copy to:-
1. EE/C-9
2. QC