

3592

R.N. - 078

Received on 18/7/18

To

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

Part I

Dispatch No. D-39/AE-IV/C-9/DUSIB/2018-19Date: 18/07/2018

Sub: Testing of Water for construction purpose.

A. L. No. 01/E.E/C-9/DUSIB/2018-19/D-425Dated: 22/5/2018Name of work:- pay + use (JSC)

Sub Head: Repair of JSC's located at different location in AG 56 (Kondli)
JSC Code No- 56 CJ 1204, 1238, 1236, 1245, 1205 & 1242. D-10/18

1. 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 Sh. Mahender Pal
5. Name of Junior Engineer Redpal Meena
6. Name of Contractor/Agency Sh. Mahender Singh
7. Name of Officer collecting sample Sh. Mahender Pal
8. Date of collection: 18-7-18
9. Date of Testing 18-07-18
10. Quantity of sample sent for testing: 2 Litre water
11. Date of handing over the sample
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 (B) 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.)/2018-19/D-583

Date: 25/07/18Test No. 078 Date: 18-7-18Date of Receipt: 18-7-18Date of testing: 18-7-18Date of completion of testing: 18-7-18

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	<u>8.38ml</u>	0 - 25 ml of 0.02N H ₂ SO ₄	
2.	Acidity to neutralize 100 ml of sample of water	<u>2.43ml</u>	0 - 5 ml of 0.02N NaOH	
3.	Sulphates (SO ₄) in mg/litre	<u>137.90 g/l</u>	0 - 400 mg/litre	
4.	Total suspended solid	<u>270.10 g/l</u>	<u>2000 max</u>	
5.	Chlorides (Cl ₂) in mg/litre	<u>92.10 g/l</u>	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	ACCEPTABLE
6.	Total solids in mg/litre	<u>155.90 g/l</u>	0 - 3000 mg/litre	
7.	Total Organic matter in mg/litre	<u>80.20 g/l</u>	0 - 200 mg/litre	
8.	pH Value	<u>7.39</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
Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board
Govt. of N.C.T. of Delhi
ITO, New Delhi-02

Copy to:-

1. EE/C-9

2. QC