

R No - 173

Received on 23/1/17

To,

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

**Part-I**Dispatch No. D-71/AE/EE/C-11/DUSIB/2016-17Date: 23/01/2017

Sub : Testing of Water for construction purpose.

A.L No. F/WC/4450/19/AL-28/EE-C-11/DUSIB/2016-17/D-950Date: 01.12.2016.Name of work :- Pay & use JSC.Sub-Head :- Construction of 48 seater JSC at 55 cluster A0 Block, Ring Road, Shalimar Bagh. (Project ID: 000007465).

- Details from where sample is collected From the site.
- Name of Circle /Division Circle - 4 / C-11
- Name of Junior Engineer -
- Name of Assistant Engineer Sh. S.K. Bhadani
- Name of Executive Engineer Sh. Ajay Saxena
- Name of Contractor/Agency Sh. Yogesh Tyagi
- Name of officer collecting sample Sh. S.K. Bhadani, AE.
- Date of collection of sample 23-01-2017.
- Date of handing over the sample 23-01-2017.
- Quantity of sample sent for testing One bottle.

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 work/supply made at site/store.

Sign. of JE  
In charge of work

Sign. of Contractor

Sign. of officer  
taking sample (EE/AE)

**Part-II**

No. SE (QC)/AE (Lab.)/DUSIB/2016-17/D-

Test No. Date : 173 dt. 23.1.17Date of Receipt : 23.1.17Date of testing : 23.1.17 Date of completion of testing: 23.1.17

S. No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1	Alkalinity to neutralize 100ml of sample of water	<u>8.28 ml</u>	0-25 ml of 0.02N H <sub>2</sub> SO <sub>4</sub>	
2	Acidity to neutralize 100 ml of sample of water	<u>3.95 ml</u>	0-5 ml of 0.02N NaOH	
3	Sulphates (SO <sub>4</sub> ) in mg/litre	<u>129.90 mg/l</u>	0-400 mg/litre	
4	Total suspended solids mg/litre	<u>176.00 mg/l</u>	2000 max.	
5	Chlorides (Cl <sub>2</sub> ) in mg/litre	<u>301.25 mg/l</u>	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	<u>Acceptable</u>
6	Inorganic solids in mg/litre	<u>678.00 mg/l</u>	0-3000 mg/litre	<u>ACCEPTABLE</u>
7	Total Organic matter in mg/litre	<u>115.00 mg/l</u>	0-200 mg/litre	
8	pH Value	<u>6.88</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.

Copy to:-

- EE/C-11
- o/c

Assistant Engineer (QC-Lab.)  
DUSIB, VikashKutir, ITO

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