

R No - 191
Received on 3/4/17

THE ASSISTANT ENGINEER (OC) LAB
Vikash Kutir, ITO, New Delhi.

Part-I

D-33/AEIV/EE C-4/2017 dt - 3/2/17
Sub: Testing of Water for construction purpose.
A.L. No. 148/4D/454/319/17/AE VI/EE C-4/2016-17/D-1090/dt 27/12/2016.
Name of work :- Pay L. Line JSC
Sub-Head :- 40 Sealer Conventional / Semi Pucca JSC at JS Dash R-Block

1. Details from where sample is collected From Site of work 00000 7431
2. Name of Circle /Division C-II/C-4
3. Name of Junior Engineer Pradeep Agrawal
4. Name of Assistant Engineer Shri Yashvir Singh
5. Name of Executive Engineer Shri A.K. Aggarwal
6. Name of Contractor/Agency M/s Shri Bhagwan Const. Co.
7. Name of officer collecting sample Shri Yashvir Singh AEIV/C-4
8. Date of collection of sample 3-2-17
9. Date of handing over the sample 1 dt
10. Quantity of sample sent for testing 1 dt
Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked Sealed in bottle has/have been taken in my presence which represent _____ quantity of work/supply made at site/store.

[Signature]
Sign. of JE
In charge of work

[Signature]
Sign. of Contractor

[Signature]
Sign. of officer
taking sample (JE/AE)

Part-II

No. SE (OC)/AE (Lab.)/DUSIB/2016-17/D-4196
Test No. 191 Date: 3-2-17
Date of Receipt: 3-2-17
Date of testing: 3-2-17 Date of completion of testing: 3-2-17

S. No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1	Alkalinity to neutralize 100ml of sample of water	11.56 ml	0-25 ml of 0.02N H ₂ SO ₄	
2	Acidity to neutralize 100 ml of sample of water	1.71 ml	0-5 ml of 0.02N NaOH	
3	Sulphates (SO ₄) in mg/litre	66.25 mg/l	0-400 mg/litre	
4	Total suspended solids mg/litre	75.00 mg/l	2000 max.	
5	Chlorides (Cl ₂) in mg/litre	28.35 mg/l	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	Acceptable
6	Inorganic solids in mg/litre	186.00 mg/l	0-3000 mg/litre	
7	Total Organic matter in mg/litre	25.20 mg/l	0-200 mg/litre	
8	pH Value	7.76	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:
1. EE/C-4
2. OC

Assistant Engineer (OC-Lab)
3/2/17