

To

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

3997

RNo-151

Received on 08/10/18

Part I

Dispatch No. D/28/ASEN/C-7/2018

Date: 08/10/18

Sub: Testing of Water for construction purpose.

A.L. No. WL6031/PG/II C-7/2018-19/D-935, dated: 18/08/2018.

- Name of work: Structural improvement of Katra Dwellers.
SH: Improvement of common passages, common toilet in and C.C. pavement at Katra No. 4229/VII, Qutabuddin Gali, (Project ID 000009728)
- Details from where sample is collected
- Name of Circle / Division:
- Name of Junior Engineer
- Name of Assistant Engineer
- Name of Executive Engineer
- Name of Contractor / Agency:
- Name of Officer collecting sample:
- Date of collection
- Date of collection:
- Quantity of sample sent for testing

Site at above work

3 / C-7

Dinesh Kr. Tyagi

D.K. Singh

Sh. Rajender Bansal

M/s. Abhishek India Buildcon

D.K. Singh

8/10/18

One 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
Incharge of work

Signature of Contractor

Signature of Officer
taking sample (EE/AE)**Part II****TEST REPORT**No. SE (QC) /AL (Lab.) 2018-19/D- ~~448~~ 991Date: 09/10/18Test No. 151 Date: 08/10/18Date of Receipt: 08/10/18Date of testing: 08/10/18Date of completion of testing: 08/10/18

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	6.55ml	0 - 25 ml of 0.02N H ₂ SO ₄	
2.	Acidity to neutralize 100 ml of sample of water	1.85ml	0 - 5 ml of 0.02N NaOH	
3.	Sulphates (SO ₄) in mg/litre	143.20g/l	0 - 400 mg/litre	
4.	Total suspended solids	223.30g/l	2000 max.	
5.	Chlorides (Cl ₂) in mg/litre	66.90g/l	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	Acceptable.
6.	Total Inorganic solids in mg/litre	127.30g/l	0 - 3000 mg/litre	ACCEPTABLE
7.	Total Organic matter in mg/litre	87.40g/l	0 - 200 mg/litre	
8.	pH Value	7.31	Should not be less than 6	

Only testing has been conducted in this laboratory. The sample/samples has/have been collected are handed over by field staff of the concerned division.

Assistant Engineer (QC-Lab)
DUSIB, Vikas Katir, ITO.

Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board
Govt. of N.C.T., of Delhi
ITO, New Delhi-11002

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- EE/C-7
- O/C