

DELHI URBAN SHELTER IMPROVEMENT BOARD
GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER-C-8

RND - 087
 Received on 14/6/17

To

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

Part I

Dispatch No 69/AE-I/C-8/DUSIB/17-18

Date: 14-06-17

Sub: Testing of Water for construction purpose.

A. L. No. 56/EE-C-8/DUSIB/2016-17/D-1088

Dated. 07.03.2017.

- | | | |
|-----|--|---------------------------|
| 1. | Name of work: C/O Shishu Vatika | |
| | SH: Renovation & Up gradation of shishu vatika/existing park near Basti Vikas Kendra at Janta Mazdoor Camp Zafrabad (Part-I) (Project ID 7878) | |
| 2. | Details from where sample is collected | From site |
| 3. | Name of Circle/Division | Circle III/C-8 |
| 4. | Name of Junior Engineer | Vishal Sharma |
| 5. | Name of Assistant Engineer | Sh. J.L. Jain |
| 6. | Name of Executive Engineer | Sh. P.K. Garg |
| 7. | Name of Contractor/Agency | Sh. Chander Shekhar |
| 8. | Name of Officer collecting sample | Sh. J.L. Jain |
| 9. | Date of collection: | <u>14-6-17</u> |
| 10. | Date of handing over the sample: | <u>14-6-17</u> |
| 11. | Required strength: | As per CPWD Specification |
| 12. | Quantity of sample sent for testing: | 5 Litre |
| 13. | Size of specimen: | |
| 14. | Mark of specimen: | |

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

[Signature]
 Signature of JE
 In charge of work

[Signature]
 Signature of Contractor

[Signature]
 Signature of Officer
 taking sample (JE/AE)

Part II

TEST REPORT

No. SE (QC)/AE (Lab.)/2017-18 /D-

Date:

Test No. 087 Date: 14-6-17

Date of Receipt: 14-6-17

Date of testing: 14-6-17

Date of completion of testing: 14-6-17

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	<u>9.25 ml</u>	0 - 25 ml of 0.02N H ₂ SO ₄	
2.	Acidity to neutralize 100 ml of sample of water	<u>2.94 ml</u>	0 - 5 ml of 0.02N NaOH	
3.	Sulphates (SO ₄) in mg/ litre	<u>155.34 mg/l</u>	0 - 400 mg/litre	
4.	<u>Total suspended solids</u>	<u>234.33 mg/l</u>	<u>2000 max</u>	
5.	Chlorides (Cl ₂) in mg/litre	<u>153.20 mg/l</u>	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	ACCEPTABLE <u>Acceptable</u>
	<u>Inorganic</u>			
6.	Total solids in mg/litre	<u>175.93 mg/l</u>	0 - 3000 mg/litre	
7.	Total Organic matter in mg/litre	<u>113.20 mg/l</u>	0 - 200 mg/litre	
8.	pH Value	<u>7.39</u>	Should not be less than 6.	

Tested in my presence

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.

[Signature]
 Assistant Engineer (QC-Lab)
 DUSIB, VikasKutir, ITO
 Assistant Engineer (QC)

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