To

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

2740

RM. 426
Received on 28/2/18

Part I

Dispatch No AE(C-9)DUSIB/2017-18/D- 84 Date: 28/2/18

Sub: Testing of Water for construction purpose.

A. L. No: 71 LOA/E.E/C-9/DUSIB/2016-17/D- 152 *Dated:* 20/2/ *2017*

Name of work:- Construction of Night Shelter

Sub Head: P/L BRICK Tiles and wall glazed Tiles in Night Shelter Code No. 69 at 31. Estate Trilokpuri & Some other required Demo in Night Shelter

1.	Details from where sample is collected	*-----from site----------*
2.	Name of Circle/Division	*----------III /C-9----------*
3.	Name of Junior Engineer	Sh S.N Ishwans
4.	Name of Assistant Engineer	Sh Vees Bahadur
5.	Name of Executive Engineer	Sh Ramdas
6.	Name of Contractor/Agency	M/s Go-Swami Builders
7.	Name of Officer collecting sample	Sh. Vees Bhadur Singh
8	Date of collection:	28-2-18
9.	Date of handing over the sample	28-2-18
10.	Quantity of sample sent for testing	2 Ltr

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/ samples marked---ABT---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.)/2017-18 /D- 3163 Date: 28/3/18

Test No. 426 Date: 28-2-18

Date of Receipt: 28.2.18

Date of testing: 28.2.18 Date of completion of testing: 28-2-18

S.No.	Name of the test conducted	Test Value	Acceptable criteria	Remarks
1.	Alkalinity to neutralize 100 ml of sample of water	8.33 ml	0 – 25 ml of 0.02N H_2SO_4	
2.	Acidity to neutralize 100 ml of sample of water	2.98 ml.	0 – 5 ml of 0.02N NaOH	
3.	Sulphates (SO_4) in mg/ litre	188.9 mg/l.	0 – 400 mg/litre	
4.	Total Suspended Solids in mg/litre	238.4 mg/l	2000 max.	
5.	Chlorides (Cl_2) in mg/litre	85.2 mg/l.	500 mg/litre for RCC work & 2000 mg/litre for concrete not containing embedded steel	ACCEPTABLE Acceptable
6.	Total solids in mg/litre	193.2 mg/l.	0 – 3000 mg/litre	
7.	Total Organic matter in mg/litre	103.00 mg/l	0 – 200 mg/litre	
8.	pH Value	7.39	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.

28/2/18

Assistant Engineer (QC-Lab)
DUSIB, Vikas Kutir, ITO

Copy to:- EE/C-9
1.
2. O/C