

**Office of the Executive Engineer**  
**Public Health Engineering Department Divison**  
**Narmada Project Campus, Musaakhedi, Indore**

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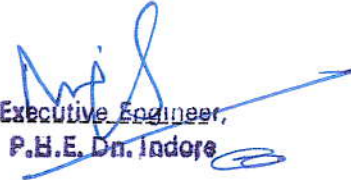
No. 192-----/T.S./School/E.E./2019

Indore Date 31-1-2019

**//CERTIFICATE//**

It is certified that an inspection team headed by Smt. Manju Singh Executive Engineer P.H.E. Division Indore inspected the SONI INTERNATIONAL SCHOOL, Nemawar Road Indore on 28.01.2019 and found that the SONI INTERNATIONAL SCHOOL, Nemawar Road, INDORE has safe drinking water facilities for the students and staff members of the institution and is maintaining the hygienic sanitation condition in the school building and the campus.

The above valid for a period of one year.

Signature with seal  Executive Engineer,  
P.H.E. Div. Indore

Name Smt. Manju Singh

Designation Executive Engineer

To,  
THE SONI INTERNATIONAL SCHOOL,  
Morod Hat Crossing, Nemawar Road,  
Indore (M.P.)

  
**PRINCIPAL**  
SONI INTERNATIONAL SCHOOL  
INDORE (M.P.)

Water Testing Laboratory  
P. H. E. Division, Indore (M. P.)

ANALYSIS REPORT

Type of Sample: Water Sample

PARTICULARS OF SENDER: Sample Submitted by Mr. P. Palliam

PARTICULARS OF SAMPLE: collected / Not collected by PHED

Sample No.	Place of collection and details of sample	Date
<u>277</u>	<u>Soni International School Mosod Hat</u> <u>Sample collected by Soni International School.</u>	
		<u>M.R.No. 696/35</u> Date <u>21/1/2019</u>

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt: <u>28/1/19</u>	Time of Receipt
Lab reference No. <u>कायपावन यंत्र का निर्देश दिनांक 23/1/19</u>	Tested on

NATURE OF STUDY - CHEMICAL & BACTERIOLOGICAL ANALYSIS

	Characteristics	Unit	As Per BIS-10500:2012 For Drinking Water		Results			
			Requirement (Desirable Limit)	Permissible limit in the absence of alternative source	Sample	Sample	Sample	Sample
<b>PHYSICAL TESTS</b>								
1	Temperature	°C			—			
2	Turbidity	N.T.U.	1.0	5.0	—			
3	Colour	Hazen Units	5	15	—			
4	Odour	-	Unobjectionable	objectionable	—			
<b>CHEMICAL TESTS</b>								
5	pH	pH scale	6.5 to 8.5	No Relaxation	<u>7.4</u>			
6	Total Hardness as CaCO <sub>3</sub>	mg/l	200	600	—			
7	Calcium as Ca	mg/l	75	200	<u>108</u>			
8	Magnesium as Mg	mg/l	30	100	<u>25</u>			
9	Total Alkalinity as CaCO <sub>3</sub>	mg/l	200	600	—			
10	Chloride as Ca <sub>2+</sub>	mg/l	250	1000	<u>460</u>			
11	Nitrate as NO <sub>3</sub>	mg/l	45	45	—			
12	Total Dissolved Solids	mg/l	500	2000	<u>1437</u>			
13	Iron	mg/l	1.0	1.0	—			
14	Sulphate as SO <sub>4</sub>	mg/l	200	400	—			
15	Fluoride As F <sup>-</sup>	mg/l	1.0	1.5	—			
16	Manganese as Mn	mg/l	0.1	0.3	—			
17	Residual Chlorine as Cl <sub>2</sub>	mg/l	0.2	1.0	<u>Nil</u>			
<b>BACTERIOLOGICAL TESTS</b>								
18	M.P.N. of Coliform	Per 100 ml			—			
19	Faecal Coliform	Per 100 ml		Nil	—			

Notes: The figures indicated under the column Requirement (Desirable limit) the limits upto which water is generally acceptable to the consumers. Figures in excess of those mentioned under "Requirement (Desirable Limit)" the water not acceptable, but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column "permissible Limit in the absence of alternate source" above which the source will have to be rejected (Guideline values for Drinking Water as Per BIS 10500) in All water intended for drinking & coli or thermo tolerant coliform bacteria must not be detectable in any 100 ml sample. Treated water entering in/ in distribution system & coli or thermo tolerant coliform bacteria And Total Coliform bacteria Must not be detectable in any 100 ml sample in case of large supplies, where sufficient sample are examined, must not be present in 95% of samples taken through out at 12 months period.

G. G. G.  
ANALYST  
Water Testing Laboratory  
P. H. E. Division, Indore (M. P.)

Laboratory In-charge  
Water Testing Laboratory  
P. H. E. Div. INDORE

H  
PRINCIPAL  
SONI INTERNATIONAL SCHOOL  
INDORE (M.P.)