

**PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION  
CERTIFICATE.**No. 581Date : 13/04/2022

It is certified that an inspection team headed by Mr. Vikendra  
Singh Girwar, Chemist P.H.E.D. <sup>Indore</sup> (Name of Officers  
with designation) from Public Health Engineering department <sup>Sub-division, Indore</sup> (Name of  
Department/Office) inspected the **Pakiza Public School, Vill. Jetpura Teh. Sanwer Dist. Indore (M.P.), 453551** (Name & Address of the School) on 06/04/2022 and found that the **Pakiza Public School, Vill. Jetpura Teh. Sanwer Dist. Indore (M.P.), 453551** (Name of school) has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per the norms prescribed by the Central/State/U.T. Govt.

The above valid for a period of 2 years.

Pg-2  
Assistant Engineer  
P.H.E. Sub Division, INDORE

Signature with Seal : District Water Testing Laboratory  
P. H. E. D., Indore (M.P.)  
Name : Vikendra Singh Girwar  
Designation : Chemist

To  
✓ **Pakiza Public School**  
Vill. Jetpura Teh. Sanwer  
Dist. Indore (M.P.), 453551  
(Name & Address of the Institution)

Vikendra  
Principal  
Pakiza Public School  
Jetpura, Indore, (M.P.)  
CBSE Affil. - 1031143

# PUBLIC HEALTH ENGINEERING DEPARTMENT

DISTRICT WATER TESTING LABORATORY PHE INDORE

## ANALYSIS REPORT

Type of sample - Bore well  
 Particular of sender - Principal, Pakiza Public School campus Jetpura Indore  
 Particular of sample Collected/Not collected by PHED

sample no.	place of collection and details of sample	date
01	<u>Bore well, Pakiza Public School campus Jetpura Indore.</u>	<u>06/04/2022</u>

particular to be filled in the laboratory

Date of Receipt: <u>06/04/2022</u>	Time of Receipt: <u>11.30</u>
Lab Reference No: <u>02/06/04/2022</u>	Date of Analysis: <u>06/04/2022</u>

### Nature of study- Chemical and Bacteriological Analysis

S.no.	Characteristics	Unit	As Per BIS -10500:2012 for Drinking water		Result				
			Requirement (Desirable Limit)	Permissible Limit in the absence of alternet source	Sample	Sample	Sample	Sample	
					01				

#### PHYSICAL TESTS

1	Temperature	°C	-	-	7.0				
2	Turbidity	NTU	1.0	5.0	1.0				
3	Colour	Hazen	5	15	-				
4	Odour	-	Unobjectionable	Unobjectionable	unobjectionable				

#### CHEMICAL TESTS

5	pH	pH Scale	6.5 to 8.5	No relaxation	7.65				
6	Total Hardness as CaCO <sub>3</sub>	Mg/l	200	600	480				
7	Calcium as Ca <sup>++</sup>	Mg/l	75	200	128				
8	Magnisium as Mg <sup>++</sup>	Mg/l	30	100	38.4				
9	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	200	600	120				
10	Chloride as Cl	Mg/l	250	1000	80				
11	Nitrate as NO <sub>3</sub>	Mg/l	45	45	10				
12	Total Dissolved solids	Mg/l	500	2000	1524				
13	Iron	Mg/l	1.0	1.0	0.30				
14	Sulphate as SO <sub>4</sub>	Mg/l	200	400	324				
15	Fluoride as F <sup>-</sup>	Mg/l	1.0	1.5	0.20				
16	Manganese as Mn	Mg/l	0.1	0.3	00				
17	Residual chlorine as Cl <sub>2</sub>	Mg/l	0.2	1.0	-				
18	Arsenic	Mg/l	0.01	0.01	-				

#### BACTERIOLOGICAL TESTS

19	MPN of Coliform	Per 100 ml	Nil	NIL	 <b>Principal</b>
20	Faecal Coliform	Per 100 ml		NIL	

**Pakiza Public School**  
 Jetpura, Indore, (M.P.)  
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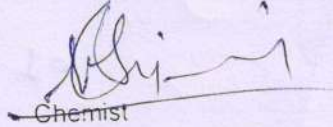
NOTES - The figure indicated under the column "Requirement (Desirable Limit)" the limits upto which water is generally acceptable to the consumers. Figures in excess of those mentioned under "Requirement (Desirable Limit)" the water not acceptable, but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column: "Permissible Limit in the absence of alternative source" above which the source will have to be rejected (Guidline values for Drinking Water as Per BIS 10500)

10500 :2012)

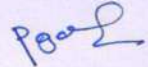
In All water intended for Drinking Water E.Coli or Thermo tolerant Coliform Bacteria must not be Detectable in any 100 ml sample.

Treated water entering in / in distribution system E.Coli or Thermo Tolerent Coliform bacteria and Total Coliform bacteria must not be detectable in any 100 ml sample. In case of large supplies, Where sufficient samples are examined must not be present in 95% of samples taken through out any 12 months period.

Remark if any :- *As per above test water sample is found potable water.*



Chemist  
District Water Testing Laboratory  
PHE Division Indore (M.P.)



Assistant Engineer  
PHE Sub. Div. Indore  
P.H.E. Sub Division, INDORE  
Dist-Indore (M.P.)

NO. 580 /Lab/ A.E./Phe.Sub.Division Indore Date 13/04/2022



Principal  
Pakiza Public School  
Jetpura, Indore, (M.P.)  
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