

O/oThe Executive Engineer Public Health Engineering Division No. 1, Panipat.  
To

The Principal  
Govt. Model Sanskriti Senior Secondary School  
Israna (Panipat).

Memo No. 3537 Dt. - 19-05-2023

Sub:- Certificate of safe drinking water.

Ref: Your letter memo No. 1162 dated 24.04.2023

Please find enclosed herewith the certificate of safe drinking water as desired vide your under reference for taking further necessary action.

DA: As above



EXECUTIVE ENGINEER  
NE



PRINCIPAL  
GMSSSS ( 2093 )  
ISRANA ( PANIPAT )

## CERTIFICATE

It is certified that the water sample of Govt. Model Sanskriti Senior Secondary School, Israna (Panipat) has been checked and found potable for drinking purpose.



Executive Engineer  
Public Health Engineering  
Division No.1, Panipat.



PRINCIPAL  
GMSSSS (2093)  
ISRANA (PANIPAT)

Memo No:- 354

Date:- 17/05/2023

Subject : **Physical / Chemical Examination Report of Water Sample**

Sample ID/Classification : PPT/00662/5/2023 / Departmental	<b>Sample Details</b>	<b>Date &amp; Time</b>
Sender : Panipat PHESD No. 2 <i>(Model)</i>	Collected By Pawan	
Location : TW-PNP-Israna , Govt Senior Secondary School Israna	Collection Date 17/05/2023 at 12:58	
	Received at lab 17/05/2023 at 14:11	
Sample Description : Drinking Water	Analysis Start Date 17/05/2023	
	Analysis End Date 17/05/2023	
Latitude / Longitude : 29.274116 / 76.856263	Sample Quantity 1Ltr.	

**Test Result (As Per BIS 10500 :2012)**

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	382	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 1984 (RA 2017)
2	Total Hardness as CaCO <sub>3</sub>	169.5	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2019)
3	Calcium as Ca	32.46	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) : 1991 (RA 2019)
4	Magnesium as Mg	21.50	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) : 1994 (RA 2019)
5	Iron as Fe	0.09	1.0 mg/lt.	1.0 mg/lt.	IS 3025 (Part-53) : 2003 (RA 2019)
6	Chloride as Cl	16.99	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) : 1988 (RA 2019)
7	Sulphate as So <sub>4</sub>	46	200 mg/lt.	400 mg/lt.	IS 3025 (Part-24) : 1986 (RA 2019)
8	Fluoride as F	0.32	1.0 mg/lt.	1.5 mg/lt.	APHA 4500-F--C
9	Nitrate as No <sub>3</sub>	5.2	45 mg/lt.	45 mg/lt.	APHA 4500-NO <sub>3</sub> - D
10	pH @ 25°C	8.16	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 1983 (RA 2017)
11	Total Alkalinity	255	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)
12	Color	1	5 Hazen Units	15 Hazen Units	IS 3025 (Part-4) : 1983 (RA 2017)
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2017)
15	Turbidity	0.23	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2017)

**Remarks :-**

- \* The Results Given above are related to the sample as received and tested in PHED PANIPAT Lab.
- \* The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- \* The test report can't be used for any publicity or any legal purpose.
- \* Reliability of water sample lies with sender/collector of water sample.
- \* To check the sample report online Scan the QR Code below.
- \* The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

*(Signature)*  
PRINCIPAL  
GMS ROAD (2093)  
ISRANA (PANIPAT)

-----END OF TEST REPORT-----

PRINCIPAL  
GMS ROAD (2093)  
ISRANA (PANIPAT)

*(Signature)*  
17/05/2023

Memo No:- 354

Date:- 17/05/2023

Subject : **Physical / Chemical Examination Report of Water Sample**

Water Sample has been found "**CONFORMING**" to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters,the water sample is found "**POTABLE**"



Sample analyzed by :

  
SATISH KUMAR, CHEMIST  
DISTRICT WATER TESTING  
LABORATORY, PANIPAT  
email:-chemist.panipat@phedharyana.gov.in

  
PRINCIPAL  
CMSEBS ( 2033 )  
ISRANA ( PANIPAT )

-----END OF TEST REPORT-----

To Whom It May Concern

No./Health/Hyg/PNP/2023/425

Date:-15.5.2023

It is to inform you that **Government Model Sanskriti Sen. Sec School, Vill. Israna, DISTT. PANIPAT** was inspected on **03/05/2023**. The sanitary and hygienic conditions in the School / Factory / Industry / Canteen / Hotel / bars / Godown / Shop / Restaurant is satisfactory.

This certificate is valid for one year from the date of issue

*Le ginn*  
31/5/23  
Dy. Civil Surgeon (Health)  
O/o Civil Surgeon (Panipat)  
Panipat 87  
31/5/23

*[Signature]*  
PRINCIPAL  
GMSSSS (2093)  
ISRANA (PANIPAT)