



# Sub Divisional Engineer Water Supply and Sanitation, Sub Division Rajpura

Phone No.-01762-241169\*

Email-Sderaipura1@gmail.com


No. 407


Date 11/05/2023

## Certificate of Sanitary & Water Condition

As per Request Letter from school authority for issuing Certificate of Sanitary of water condition of Akal Academy, Manouli Surat, PO Naggal Charbar. This is to certify that undersigned inspected the premises of Akal Academy, Village-Manouli Surat, PO Naggal Charbar, Dist. S.A.S.Nagar. On inspection, there are sufficient Number of school Toilets (Boys/Girls Students & Ladies/Gents Staff). Toilets are well ventilated, neat and clean. Sanitary conditions are good. Bathrooms are found clean and good for use of Student and Staff. Water Sample report from Trade Waste & Effluents Research Unit (TWERU, Regional Lab) Dept. W/S & Sanitation Head Office, Patiala dated 10.05.2023 is attached with this certificate. This certificate is Valid from 11.05.2023 to 31.03.2024.

Sub Divisional Engineer  
W/S. & Sanitation  
Sub. Divn. Rajpura

  
Manager  
Akal Academy Manoli Surat  
SAS Nagar Mohali (PB)

  
Principal  
AKAL ACADEMY  
Manoli Surat (Mohali)

**TRADE WASTE AND EFFLUENTS RESEARCH UNIT (REGIONAL LAB), PATIALA**  
Room No. 301, 2nd Floor, Water Supply & Sanitation Department, Head Office, Nabha Road, Patiala

researchunitpatiala@yahoo.in

To,

Principal Akal Academy, Manoli Surat

No.: TWERU/2324/00005 Dated : 13/04/2023

Subject : Testing Reports of Water Samples.


Reference: Your Letter/SRF No. 34/2023 Dated: 05/04/2023

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 10/04/2023. It is request to fill the attached feedback form and send it back to Trade Waste and Effluents Research Unit (Regional Lab), Patiala

D/A : Test Report



Authorized Signatory  
For, Trade Waste and Effluents Research Unit  
(Regional Lab), Patiala



Manager  
Akal Academy Manoli Surat  
SAS Nagar Mohali (PB)



Principal  
AKAL ACADEMY  
Manoli Surat (Mohali)

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TEST REPORT						
Name & Address of Customer : Principal Akal Academy, Manoli Surat			Customer Reference No.		No : 34/2023 Dated : 05/04/2023	
			Sample Submitted by		Anupinder Singh	
			Date of Sample Receipt		10/04/2023	
			Analysis Starting Date		10/04/2023	
			Analysis completion Date		12/04/2023	
Discipline : Chemical Testing			Group: Water			
ULR No.:	TC10269230000093F	Sample Type:	Water			
Test Report No.:	TWERU/2324/00005	Date of Issue :	13/04/2023			
Registration no.:	TWERU/REG2324/00021	Condition of Sample :	Unsealed			
Collection Point:	Private Submersible	Quantity/Type of Bottle:	1000 ml / Transparent Plastic Bottle			
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	Submersible at Akal Academy, Manoli Surat / NA			
Village :	Manouli Surat	Habitation :	Manouli Surat			
Block:	Dera Bassi	District :	SAS Nagar			
Latitude :	Not Mentioned	Longitude:	Not Mentioned			
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	8.10	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-1993 ) Electrometric Method
2	TDS	340	500	2000	mg/l	IS 3025 (Part 16-1984) Gravimetric Method
3	Turbidity	0.14	1	5	NTU	IS 3025 (Part 10-1984) Nephelometric Method
4	Alkalinity	252	200	600	mg/l	IS 3025 (Part 23-1986) Indicator Method
5	Hardness	96	200	600	mg/l	IS 3025 (Part 21- 2019) EDTA Method
6	Fluoride	0.70	1.0	1.5	mg/l	APHA 23rd Ed.2017, Method 4110
7	Chloride	10	250	1000	mg/l	APHA 23rd Ed.2017, Method 4110
8	Nitrate	1	45	No Relaxation	mg/l	APHA 23rd Ed.2017, Method 4110
9	Sulphate	48	200	400	mg/l	APHA 23rd Ed.2017, Method 4110
10	Calcium	17	75	200	mg/l	ISO 14911 By IC
11	Magnesium	6	30	100	mg/l	ISO 14911 By IC

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Manager  
Akal Academy Manoli Surat  
SAS Nagar Mohali (PB)

Sh. Brij Bhushan  
Quality Manager  
Authorized Signatory  
For, Trade Waste and Effluents Research Unit  
(Regional Lab), Patiala

**Principal**  
**AKAL ACADEMY**  
**Manoli Surat (Mohali)**

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12	Iron	BDL	* 1	No Relaxation	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
13	Manganese	BDL	0.1	0.3	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
14	Zinc	BDL	5	15	mg/l	APHA 3111-B (23rd Ed. 2017) by AAS
15	Arsenic	BDL	0.01	No Relaxation	mg/l	APHA 3114 (23rd Ed. 2017) by HVG-AAS
16	Residual Chlorine	BDL	0.2	1	mg/l	IS-3025 (Part-26) by Iodometric Method

This Report is issued under the following terms & Condition :

1. The results apply to the sample as received only.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part and can't be used as evidence in court of law.
4. Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below Detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed), ND=Not Detected
5. \* Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit 50 ±20%

Sh. Brij Bhushan  
Quality Manager  
Authorized Signatory  
For, Trade Waste and Effluents Research Unit  
(Regional Lab), Patiala

----- End of the Test Report -----

Manager  
Akal Academy Manoli Surat  
SAS Nagar Mohali (PB)

Principal  
AKAL ACADEMY  
Manoli Surat (Mohali)