



**DEPARTMENT OF PUBLIC HEALTH & PREVENTIVE MEDICINE**  
**SANITARY CERTIFICATE FOR THE EDUCATIONAL INSTITUTIONS**

**THE TAMIL NADU EDUCATIONAL RULE 24 & APPENDIX - 3**  
**(Form of Sanitary Certificate)**

**DISTRICT : TIRUNELVELI**

**BLOCK : Radhapuram**

**Certificate No : L.Dis NO: 5036/A4/2020**

I hereby declare that I have caused to be inspected Harvard International School (CBSE)  
Ulagaratchagarapuram  
the Building and premises on 31.08.2020 and certify that, the accommodation provided  
for each of the several classes is sufficient for the maximum number of pupil taught therein, and is properly  
ventilated and lighted, that the building is maintained in substantial repair, that it is neat and latrine arrangements  
are adequate and satisfactory, that the supply of drinking water is good, and that in all necessary aspects the sanitation is Good.  
The Conditions in the Enclosure should be strictly followed. If any Violation / deviation of the conditions in the  
enclosure werefound, this Certificate will be liable to cancellation

*[Signature]*  
**Block Health Supervisor**  
**BLOCK HEALTH SUPERVISOR**  
**GOVT. PRIMARY HEALTH CENTRE**  
**TISAIYANVILAI**  
**TIRUNELVELI DIST.**

Enclosure : Conditions to be followed.

*[Signature]*  
**PRINCIPAL**

**HARVARD INTERNATIONAL SCHOOL**

*[Signature]*  
**Deputy Director of Health Services**  
**Tirunelveli.**

**Dr.D.DINESH** M.B.B.S.,M.B.A  
**CORRESPONDENT**

**HARVARD INTERNATIONAL SCHOOL**  
**ULAGARATCHAGARPURAM - 627 130**

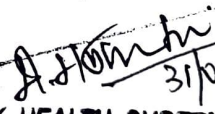
**TIRUNELVELI DISTRICT**


**NOTE : 1. Countersigned based on the inspection report on Block Health Supervisor**  
**2. This Certificate is valid for one year from June.....2020.....to May.....2021.....**

## ANNEXURE

1. The institution premises must be kept neat and clean always.
2. Toilets and Urinals must be kept Hygienically clean and Adequate water Supply should be provided.
3. Provide safe drinking water to the Pupils and Staff.
4. Keep the premises free from mosquito breeding sources.
5. There shall not be any thatched structure in the premises.
6. The Building maintain Repairs should be done then their Immediately.
7. Soapstand with Soap should be provided in all the toilets.
8. Napkin basket should be provided in Ladies toilet.
9. If any communicable diseases or Suspected diseases found in the premises, immediately inform the same to the concerned PHC Medical Officer.
10. Sanitary Certificate may be Cancelled if any discrepancies or Deviations found in future.
11. Every year must be taken Sanitary Certificate.

  
**PRINCIPAL**  
HARVARD INTERNATIONAL SCHOOL  
ULAGARATCHAGARPURAM - 627 130  
TIRUNELVELI DISTRICT

  
31/05/2020  
**BLOCK HEALTH SUPERVISOR**  
GOVT. PRIMARY HEALTH CENTRE  
TSAIYANVILAI  
TIRUNELVELI DIST.

  
**Dr. D. DINESH** M.B.B.S., M.B.A  
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TIRUNELVELI DISTRICT



DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE			
REGIONAL PUBLIC HEALTH WATER ANALYSIS LABORATORY, TIRUNELVELI-11			
RESULTS OF EXAMINATION OF SAMPLES OF WATER			
Samples from :	The Correspondent, Harvard International School, Ulagaratchagarpuram,, Tirunelveli		
Collected by :	Thiru.Daniel Raj, Vice President		
Date of collection :	09.12.2020		
Date of Receipt :	09.12.2020		
	M.50		
Source as per label	R.O unit outlet water near LKG class room (Source: Borewell)		
<b>Bacteriological Examination</b>			
Total count per ml.on agar at 37 <sup>0</sup> C	40		
MPN of Coliform bacteria/100 ml	0		
Rapid test for E.Coli-I			
Results of Vibrio test			
<b>Physical Examination</b>			
Colour	Colourless		
Turbidity (NTU)	4		
Smell	None		
<b>Chemical Examination (in mg/l)</b>			
Total Dissolved solids	40		
Carbonate Hardness (as CaCO <sub>3</sub> )	10		
Non-carbonate Hardness(as CaCO <sub>3</sub> )	0		
Total Hardness (as CaCO <sub>3</sub> )	10		
Calcium Hardness (as CaCO <sub>3</sub> )	8		
Magnesium Hardness (as CaCO <sub>3</sub> )	2		
Chloride (as Cl)	11		
Ammoniacal Nitrogen (as N)	-		
Albuminoid Nitrogen (as N)	-		
Oxygen absorbed (Tidys test)	0.16		
Nitrate Nitrogen	0.5		
Acidity/Alkalinity} Phenolphthalein	0		
as CaCO <sub>3</sub> } Methyl Orange	10		
Fluoride (as F)	0.1		
PH value	6.7		
Total Iron (as Fe)	0.05		
Manganese (as Mn)	-		
<b>Qualitative Tests:</b>			
Nitrite Nitrogen	Trace		
Sulphate	Trace		
Phosphate	Trace		
Toxic Substance	-		
Electrical conductivity(Reciprocal megohms per cm at 20°C)	60		
Microscopical Examination	Amorphous Matter	Dr.D.DINESH M.B.B.S.,M.B.A. CORRESPONDENT	

PRINCIPAL

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ULAGARATCHAGARPURAM - 627 130  
TIRUNELVELI DISTRICT



**DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE  
REGIONAL PUBLIC HEALTH WATER ANALYSIS LABORATORY, TIRUNELVELI-11**

From  
Tmt.L.Sujatha, M.Sc., M.A., B.Ed.,  
Chief Water Analyst (i/c),  
Regional Public Health Water  
Analysis Laboratory,  
Tirunelveli-627011.

To  
✓ The Correspondent,  
Harvard International School,  
Ulagaratchagarpuram,  
Thiruvambalapuram (P.O),  
Radhapuram (TK),  
Tirunelveli

**R.No. 731/L/2020/CWA/Tvl/ M.50, Dated: 23.12.2020.**

Sir,

Sub: Report on examination of water sample from Harvard  
International School, Ulagaratchagarpuram, Radhapuram  
Taluk, Tirunelveli District, Collected on 09.12.2020.

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A sample of water stated to have been collected on 09.12.2020 from the R.O unit outlet (Source: Borewell) near LKG class room at Harvard International School, Ulagaratchagarpuram, Thiruvambalapuram, Tirunelveli district by Thiru.Daniel Raj, Vice Principal was received at this laboratory on the same day from the addressee to assess its suitability for drinking.

The results of analysis are furnished overleaf.

The sample of water is Colorless and clear in physical appearance.

The chemical analysis reveals that, it is very soft and less mineralised.

Though it is usable chemical quality for drinking, the total hardness is only 10mg/l. The Calcium and Magnesium minerals are almost removed from this water, which are very essential minerals for healthy living of human beings. Consumption of such low content of Calcium and Magnesium water for a prolonged time will be deleterious to the health of the consumers.

Hence it is advised that, the supplier of the R.O Unit should be contacted immediately to set right the R.O Unit in such a way that, the outlet water should contain at least a minimum content of total hardness (30 mg/l) so as to have some amount of Calcium and Magnesium which are very essential for a healthy life.

It is of satisfactory bacteriological quality for drinking on this occasion.

The RO unit should be maintained periodically as per the supplier's manual to get hygienic safe water at all times.

The Borewell source should also be protected against any contamination by providing a separate chamber.

Copy to:  
Lab/File.

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Chief Water Analyst (i/c),  
Regional Public Health Water  
Analysis Laboratory, Tirunelveli-11.

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