

AE/CE/2022-23/64

Date: 27/07/2022

To,
The Principal,
Amrutvahini College of Engineering,
Sangamner.

Sub: Report quality parameter related to water, air and noise in the premises.

The following quality parameters were recorded related to water, air and noise in the premises of Amrutvahini College of Engineering, Sangamner.

1) Water Quality

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	HDL (Highest Desirable Limit) and MPL (Maximum Permissible Limit) as per WHO
1	Main Building	Total Dissolved Solids (TDS)	70	mg/lit	500-2000
2	Dronagiri Building		71		
3	Kalsubai Hostel		63		
4	Sinhgad Hostel		55		
5	Sajjangad Hostel		72		
Average			66		

2) Noise Levels

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Classroom	Sound Level	47	dB	40-50
2	Corridor		51		45-55
3	Central Library		41		40-45
4	Workshop		75		70-80

Observation: All parameters are within permissible limit

Suggestion: Nil


Dr. R.S. Ingole
Env. Engg Lab Incharge


Head,
Deptt. of Civil Engineering

Head of The Deptt. (Civil)
Amrutvahini College of Engg.
Sangamner 422608

Date: 15/02/2023

To,
The Principal,
Amrutvahini College of Engineering,
Sangamner.

Sub: Report quality parameter related to water, air and noise in the premises.

The following quality parameters were recorded related to water, air and noise in the premises of Amrutvahini College of Engineering, Sangamner.

1) Water Quality

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	HDL (Highest Desirable Limit) and MPL (Maximum Permissible Limit) as per WHO
1	Main Building	Total Dissolved Solids (TDS)	53	mg/lit	500-2000
2	Dronagiri Building		72		
3	Kalsubai Hostel		69		
4	Sinhgad Hostel		66		
5	Sajjangad Hostel		62		
Average			64		

2) Noise Levels

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Classroom	Sound Level	46	dB	40-50
2	Corridor		54		45-55
3	Central Library		42		40-45
4	Workshop		74		70-80

3) Air Pollution

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Dr. Sarvapalli Radhakrishnan Garden	SOx	42	$\mu\text{g}/\text{m}^3$	< 50
		NOx	35	$\mu\text{g}/\text{m}^3$	< 40
		SPM-10	50	$\mu\text{g}/\text{m}^3$	< 60
		SPM-2.5	29	$\mu\text{g}/\text{m}^3$	< 40

Observation: All parameters are within permissible limit

Suggestion: Nil



Dr. R.S. Ingole
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