

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

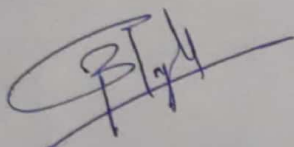
SN	Location of Sampling	Parameter	Actual value	Unit of measurement	HDL (Highest Desirable Limit) and MPL (Maximum Permissible Limit) as per WHO
1	Main Building	Total	61	mg/lit	500-2000
2	Dronagiri Building	Dissolved	73		
3	Kalsubai Hostel	Solids	67		
4	Sinhgad Hostel	(TDS)	65		
5	Sajjangad Hostel		75		
Average			68		

2) Noise Levels

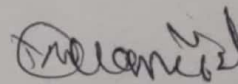
SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Classroom	Sound Level	44	dB	40-50
2	Corridor		51		45-55
3	Central Library		40		40-45
4	Workshop		70		70-80

Observation: All parameters are within permissible limit

Suggestion: Nil



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



Head,
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Head of The Deptt. (Civil)
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Sangamner 422608

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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)	68	mg/lit	500-200
2	Dronagiri Building		73		
3	Kalsubai Hostel		75		
4	Sinhgad Hostel		66		
5	Sajjangad Hostel		72		
Average			70		

2) Noise Levels

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Classroom	Sound Level	42	dB	40-50
2	Corridor		52		45-55
3	Central Library		41		40-45
4	Workshop		76		70-80

3) Air Pollution

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Dr. Sarvapalli Radhakrishnan Garden	SOx	44	$\mu\text{g}/\text{m}^3$	< 50
		NOx	38	$\mu\text{g}/\text{m}^3$	< 40
		SPM-10	50	$\mu\text{g}/\text{m}^3$	< 60
		SPM-2.5	35	$\mu\text{g}/\text{m}^3$	< 40

Observation: All parameters are within permissible limit

Suggestion: Nil

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