



TAMILNADU POLLUTION CONTROL BOARD
DISTRICT ENVIRONMENTAL LABORATORY-MANALI

From

Deputy Chief Scientific Officer,
District Environmental Laboratory, Manali,
Tamil Nadu Pollution Control Board,
950/1, Poonamallee High Road,
Arumbakkam,
Chennai-600 106.

To

The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
950/1 Poonamallee High Road,
Arumbakkam,
Chennai-600 106

Lr.No.TNPCB/DEL/MNL/ DCSO /NGT/421/ 2022 Dated: 24.03.2022

Sir,

Sub: TNPCB, DEL, Manali, Report on Ambient Air Quality Survey and
Noise Level Survey conducted in the premises M/s. Sri Amman Silver
Works Located in No.136, Ko.Su. Mani Street, Periyar Nagar,
Vysarpadi, Chennai 39 - Report Submitted – Reg.

Ref: Lr.No.DEE/TNPCB/CHN/NGT(Sz) OA 237/2021 Dt: 15.02.2022

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With Reference to the above I am enclosing the report on Ambient Air
Quality Survey and Noise Level Survey conducted in the premises M/s. Sri Amman
Silver Works Located in No.136, Ko.Su. Mani Street, Periyar Nagar, Vysarpadi on
18.03.2022 along with invoice at Board's Cost.

Kindly acknowledge the receipt of the above without fail.

Kanika Leonard 24/3/22
Deputy Chief Scientific Officer,
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali

Encl: As above.

Copy submitted to:

The Joint Chief Environmental Engineer, TNPC Bd, Chennai for favour of kind information
please.

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TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Manali

AMBIENT AIR QUALITY SURVEY – Report of Analysis

Report No.06 /COMP/NGT/2021-22

Date: 24.03.2022

1. Name of the Industry : M/s. Sri Amman Silver
2. Address of the Industry : Works Located in No.136,
Ko.Su. Mani Street, Periyar Nagar,
Vysarpadi, Chennai 39
3. Date of Survey : 18.03.2022
4. Duration of Survey : **8 Hours** / 24 hours
5. Category : Red / Orange / Green – Large / Medium / Small
6. Land use classification : Industrial / Commercial / **Residential** / Sensitive

Meteorological Conditions

Ambient Temperature ($^{\circ}$ C)	Min	Max	Relative Humidity (%)	Min	Max
	28	35		53	89
Weather Condition	Partially Cloudy		Rain Fall (mm)	Nil	
Predominant Wind Direction	SE - NW		Mean Wind Speed (km/hr)	13	

Ambient Air Quality Survey Results

Sl. No	Location	Direction *	Distance (m) *	Height Form GL (m)	Pollutants Concentration (microgram / m ³)			
					PM 2.5	PM 10	SO ₂	NO ₂
1	On top of Platform Near Front Side of the working Area	W	10	3.0	10	32	8	12
2	On top of Platform Near Back side of the Complainant House	S	10	3.0	6	25	6	9

Note: * With respect to major emission sources. The analytical results are restricted to the sampling period of **8 hrs/24hrs**

Kanika Leonard
Deputy Chief Scientific Officer,
District Environmental Laboratory,
Tamil Nadu Pollution Control Board
Manali

24/3/22

Test Performed	Test Method
PM10	IS 5182 : (Part 23) – 2006
SO2	Modified West – Gaeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO2	Jacobs – Hochheiser / IS 5182 : (Part 6) – 2006 RA:2012



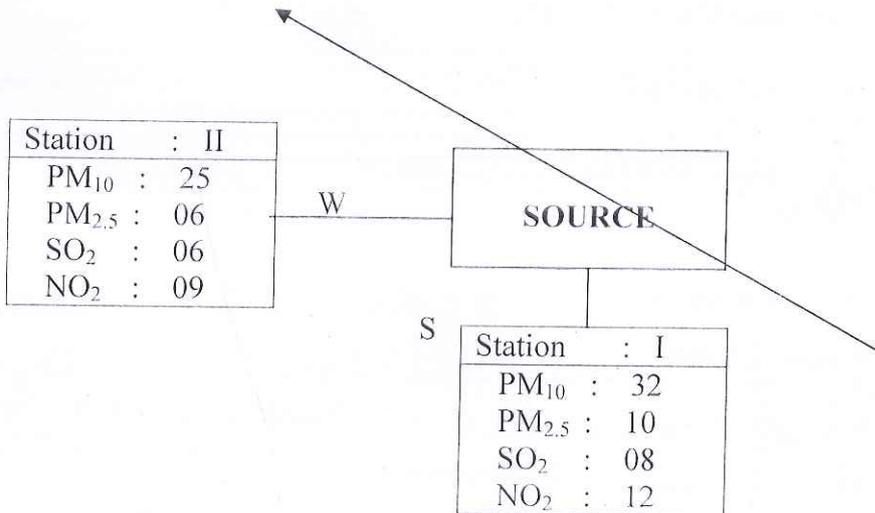
TAMILNADU POLLUTION CONTROL BOARD
District Environmental Laboratory, Manali

AMBIENT AIR QUALITY SURVEY
Schematic Diagram Showing Location of Sampling

Report No. 06/COMP/NGT/2021-22

Name and Address of the Industry : M/s. Sri Amman Silver
Works Located in No.136,
Ko.Su. Mani Street, Periyar Nagar,
Vysarpadi, Chennai 39

Date of Survey : 18.03.2022



Note: All the values are expressed in $\mu\text{g}/\text{m}^3$ and restricted to sampling period of 8 hrs/24hrs

Meteorological Conditions:	
Predominant Wind Direction	SE - NW
Wind Speed (Km/hr)	13
Weather Condition	Partially Cloudy
Rainfall	Nil

Kanika Leonard
Deputy Chief Scientific Officer, 24/3/22
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali



TAMIL NADU POLLUTION CONTROL BOARD

District Environmental Laboratory

AMBIENT/SOURCE NOISE LEVEL SURVEY - Report of Analysis

Report No. 06/COMP/NGT/2021-22

Date: 24.03.2022

1.	Address of the Complaint Area	M/s. Sri Amman Silver Works Located in No.136, Ko.Su. Mani Street, Periyar Nagar, Vysarpadi, Chennai – 39		
2.	Date of Survey	18.03.2022		
Category		-		
Type of Survey	Ambient/Source	Time of Survey	Day	
Meteorological conditions		Partially Cloudy		

Logging Parameters

Instrument Used	CESVA		Serial No	SC310	
Logging Interval	10 Minutes each point		Measuring Range	40-120 dB(A)	
Weighting	"A"	Peak Weighting	"C"	Time Weighting	FAST
Sound Incidence	RANDOM		Time in hrs	11:00 AM – 12:00 PM	

Report of Noise Level Monitoring

Sl No	Location	Distance (M)	UNIT DURING					
			Operation			Not in operation		
			L _{eq}	Min	Max	L _{eq}	Min	Max
1	Near Complainant's House front Side	7	53.5	49.0	67.7	49.0	46.5	61.7
2	Near working Area Main Gate	10	52.6	47.2	57.8	48.6	46.1	52.8
3	Near Complainant's House Back Side	10	53.1	45.6	55.9	48.7	44.5	51.2
4	Near Working Area Left side	15	54.6	47.2	59.0	50.1	47.7	55.4

Note: Leq value is the average energy for the measured period.

N.B: There is interference of Vehicular movement and frequent honing sound

Kanitha Leonard
Deputy Chief Scientific Officer, 24/3/22
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali