

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

SOUTHERN ZONE , CHENNAI

ORIGINAL APPLICATION No. 248 of 2024

IN THE MATTER BETWEEN

**NEWS ITEM TITLED PUDUCHERRY GAS LEAK 3 DEAD TWO HOSPITALISED
AFTER INHALING TOXIC GAS IN WASHROOM APPEARING IN THE NEWS
MINUTE DATED 12 06 2024 VS CENTRAL POLLUTION CONTROL BOARD
THROUGH ITS MEMBER SECRETARY**

INDEX

S.No	Date	Particulars	Page No
1.	09.09.2024	Report Filed by the Member Secretary in Compliance with the Order of HON'BLE NGT (sz)	1-3
2.	14.06.2024 to 19.06.2024	Chennai Mettex Lab private Limited Test Report	4-9

Signed at 10th December 2024

Mr. Ramawamy

Counsel for R2 and R4

Government Advocate for Union Territory of Puducherry

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

ORIGINAL APPLICATION NO. 248 of 2024

**In re: news item appearing in The News Minute dated 12.06.2024 titled
"Puducherry gas leak 3 dead, two hospitalized after inhaling toxic gas in
washroom".**


**REPORT FILED BY THE MEMBER SECRETARY IN COMPLIANCE
WITH THE ORDER OF HON'BLE NGT (sz) DATED 09.09.2024 IN
OA. NO. 248 of 2024**

Based on the information received on three women fatal incident occurred at Pudunagar, Rediyyarpalayam, on the morning of 11.06.2024, the Member Secretary, PPCC, Junior Engineer, DSTE and Lab staff inspected the site.

It was reported that poisonous gas enumerated from the underground sewer system entered in to the toilets which caused that fatal incident. Hydrogen Sulfide (H_2S) gas is the cause of the fatal incident. Generally, it forms when blockage happened in the underground sewer system.

Using portable gas detector, assessment of H_2S in the affected person's houses was carried out. The values of H_2S was reported as 0.2 ppm.

In the manhole of the underground sewer system, the value of Hydrogen sulfide was reported above 70 ppm and at the Common Sewage Treatment Plant it was reported above 100 ppm.



**Dr. N. RAMESH
MEMBER SECRETARY
PUDUCHERRY POLLUTION
CONTROL COMMITTEE
PUDUCHERRY**

Direct connection of household toilet outlet to the underground sewer system without 'U' bend was the cause for entering the H₂S gas from the sewer line to the toilet.

Puducherry Pollution Control Committee through NABL accredited Laboratory has conducted regular monitoring of H₂S gas in the affected areas from 14.06.2024 to 19.06.2024 till the precautionary measures were completed (Annexure-I). The reports are submitted to the District Collector, the Secretary (works) and the Chief Engineer, PWD. Based on the report, emergency measures viz. opening of manholes and vent on the sewer line were provided in order to avoid reoccurrence of similar incident.


Subsequently, Public Works Department (PWD) conducted households survey in all the households in Pudhu Nagar. It is noticed that many households were having unauthorized sewer connections without water seal in water closet. The PWD has replaced all such connections and executed with water seal. Air vents have also been provided in all the households. The entire cost of replacement was borne by the PWD as decided by the Government. 5 nos. of ventilating shafts have been installed along the gravity mains in Pudhu Nagar.

A press notice had been issued to create awareness among the public about the provision of correct sewerage connection with the water seal details.


Dr. N. RAMESH
MEMBER SECRETARY
PUDUCHERRY POLLUTION
CONTROL COMMITTEE
PUDUCHERRY

A parallel sewer line in 4th cross of Pudhu nagar, Reddiarpalayam, Puducherry was laid and existing house service connection was delinked from the main trunk sewer. The above said work was commenced on 10.07.2024 and completed on 19.08.2024. No such incident reoccurred henceforth.

Date : 05.12.2024
Place : Pondicherry


(Dr. N. Ramesh)
Member Secretary
PPCC
Dr. N. RAMESH
MEMBER SECRETARY
PUDUCHERRY POLLUTION
CONTROL COMMITTEE
PUDUCHERRY

**CHENNAI METTEX LAB PRIVATE LIMITED**[®]

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032, Tamil Nadu, INDIA
Phone : +91 44 22323163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459
Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

Page No. 1 of 1

ISSUED TO : M/s. The Member Secretary,
Pondicherry Pollution Control Committee,
3rd Floor, PHB Building, Anna Nagar,
Puducherry- 605005

T.C Date : 20.06.2024

T.C No : CML/24-25/24804

Party's Ref : Letter Date: 14.06.2024

Date of Receipt: 15.06.2024

Lab No : 25026616

Test Completed on: 19.06.2024

Sample Description: Hydrogen sulfide (H₂S) Monitoring in Drain Line
(as stated by customer)

Location: Pudu Nagar, Reddiyarpalayam, Oulgaret Municipality**Date of Sampling: 14.06.2024**

S.No.	Sampling Location (Pudu Nagar)	H ₂ S Concentration (ppm)			Unit
		Morning	Noon	Evening	
		8.00 – 9.30 am	1.00 – 2.00 pm	5.00 – 6.00 pm	
01	2 nd Cross East	0	0	8	ppm
02	2 nd Cross West	0	7	8	ppm
03	4 th Cross East	4	0	17	ppm
04	4 th Cross Middle	0	0	0	ppm
05	4 th Cross West	0	0	5	ppm
06	Church Opposite Pudu nagar Main Road	10	25	60	ppm
07	Near Temple Pudu Nagar Main Road	6	3	7	ppm

Note: Test Instrument Details:

Make: Honeywell; Model: Gas Alert Max XT II; S.No: MA224-007038; Cal Due: Upto 10.12.2024

End of Report

For Chennai Mettex Lab Private Limited,



Reviewed & Authorised by
P. KAVITHA
Technical Manager
Authorised Signatory

Dr. N. RAMESH
MEMBER SECRETARY
PONDICHERRY POLLUTION
CONTROL COMMITTEE

NOTE: Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders will be liable for legal action. Unless otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained for 15 days only from the completion date of testing .. except in case of regulatory samples, which will be retained for a specific period as per statutory requirement; while perishable & environmental testing related remnant samples will be discarded consequent upon completion of testing. Samples are not drawn by us unless otherwise stated. This document cannot be reproduced except in full, without prior written approval of the laboratory. This report is for the exclusive use of Chennai Mettex Lab's customer, and is provided in accordance with the agreement between Chennai Mettex Lab and its Customer.

**CHENNAI METTEX LAB PRIVATE LIMITED**

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032, Tamil Nadu, INDIA
Phone : +91 44 22323163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459
Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

Page No. 1 of 1

ISSUED TO : M/s. The Member Secretary,
Pondicherry Pollution Control Committee,
3rd Floor, PHB Building, Anna Nagar,
Puducherry- 605005

T.C Date : 20.06.2024

T.C No : CML/24-25/24805

Party's Ref : Letter Date: 14.06.2024

Date of Receipt: 15.06.2024

Lab No : 25026867

Test Completed on: 19.06.2024

Sample Description: Hydrogen sulfide (H₂S) Monitoring in Drain Line
(as stated by customer)

Location: Pudu Nagar, Reddiyarpalayam, Oulgaret Municipality**Date of Sampling: 15.06.2024**

S.No.	Sampling Location (Pudu Nagar)	H ₂ S Concentration (ppm)			Unit
		Morning	Noon	Evening	
		8.00 – 09.30 am	1.00 – 2.00 pm	5.00 – 6.00 pm	
01	2 nd Cross East	7	13	7	ppm
02	2 nd Cross West	0	1	0	ppm
03	4 th Cross East	2	2	2	ppm
04	4 th Cross Middle	0	6	1	ppm
05	4 th Cross West	12	8	7	ppm
06	Church Opposite Pudu nagar Main Road	25	49	29	ppm
07	Near Temple Pudu Nagar Main Road	7	14	41	ppm

Note: Test Instrument Details:

Make: Honeywell; Model: Gas Alert Max XT II; S.No: MA224-007038; Cal Due: Upto 10.12.2024

-----End of Report-----

For Chennai Mettex Lab Private Limited,



Reviewed & Authorised by
P. KAVITHA
Technical Manager
Authorised Signatory

Dr. N. RAMESH
MEMBER SECRETARY
PUDUCHERRY POLLUTION
CONTROL COMMITTEE
PUDUCHERRY

NOTE: Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders will be liable for legal action. Unless otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained for 15 days only from the completion date of testing, except in case of regulatory samples, which will be retained for a specific period as per statutory requirement; while perishable & environmental testing related remnant samples will be discarded consequent upon completion of testing. Samples are not drawn by us unless otherwise stated. This document cannot be reproduced except in full, without prior written approval of the laboratory. This report is for the exclusive use of Chennai Mettex Lab's customer, and is provided in accordance with the agreement between Chennai Mettex Lab and its Customer.

**CHENNAI METTEX LAB PRIVATE LIMITED**[®]

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032, Tamil Nadu, INDIA
 Phone : +91 44 22323163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459
 Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

Page No. 1 of 1

ISSUED TO : M/s. The Member Secretary,
 Pondicherry Pollution Control Committee,
 3rd Floor, PHB Building, Anna Nagar,
 Puducherry- 605005

T.C Date : 20.06.2024

T.C No : CML/24-25/20806

Party's Ref : Letter Date: 14.06.2024

Date of Receipt: 16.06.2024

Lab No : 25026874

Test Completed on: 19.06.2024

Sample Description: Hydrogen sulfide (H₂S) Monitoring in Drain Line
 (as stated by customer)

Location: Pudu Nagar, Reddiyarpalayam, Oulgaret Municipality**Date of Sampling: 16.06.2024**

S.No.	Sampling Location (Pudu Nagar)	H ₂ S Concentration (ppm)			Unit
		Morning	Noon	Evening	
		8.00 – 9.30 am	1.00 – 2.00 pm	5.00 – 6.00 pm	
01	2 nd Cross East	6	9	0	ppm
02	2 nd Cross West	0	3	0	ppm
03	4 th Cross East	0	25	25	ppm
04	4 th Cross Middle	0	7	0	ppm
05	4 th Cross West	5	3	10	ppm
06	Church Opposite Pudu nagar Main Road	19	112	54	ppm
07	Near Temple Pudu Nagar Main Road	2	10	25	ppm

Note: Test Instrument Details:

Make: Honeywell; Model: Gas Alert Max XT II; S.No: MA224-007038; Cal Due: Upto 10.12.2024

End of Report

For Chennai Mettex Lab Private Limited,



P. Kavitha
 Reviewed & Authorised by
 P. KAVITHA
 Technical Manager
 Authorised Signatory

N. Ramesh
Dr. N. RAMESH
 MEMBER SECRETARY
 PUDUCHERRY POLLUTION
 CONTROL COMMITTEE

NOTE: Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders will be liable for legal action. Unless otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained for 15 days only from the completion date of testing, except in case of regulatory samples, which will be retained for a specific period as per statutory requirement; while perishable & environmental testing related remnant samples will be discarded consequent upon completion of testing. Samples are not drawn by us unless otherwise stated. This document cannot be reproduced except in full, without prior written approval of the laboratory. This report is for the exclusive use of Chennai Mettex Lab's customer, and is provided in accordance with the agreement between Chennai Mettex Lab and its Customer.

**CHENNAI METTEX LAB PRIVATE LIMITED[®]**

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032, Tamil Nadu, INDIA
 Phone : +91 44 22323163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459
 Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

Page No. 1 of 1

ISSUED TO : M/s. The Member Secretary,
 Pondicherry Pollution Control Committee,
 3rd Floor, PHB Building, Anna Nagar,
 Puducherry- 605005

T.C Date : 20.06.2024

T.C No : CML/24-25/24807

Party's Ref : Letter Date: 14.06.2024

Date of Receipt: 17.06.2024

Lab No : 25026878

Test Completed on: 19.06.2024

**Sample Description: Hydrogen sulfide (H₂S) Monitoring in Drain Line
 (as stated by customer)**

Location: Pudu Nagar, Reddiyarpalayam, Oulgaret Municipality**Date of Sampling: 17.06.2024**

S.No.	Sampling Location (Pudu Nagar)	H ₂ S Concentration (ppm)			Unit
		Morning	Noon	Evening	
		8.00 – 9.30 am	1.00 – 2.00 pm	5.00 – 6.00 pm	
01	2 nd Cross East	7	0	4	ppm
02	2 nd Cross West	0	2	0	ppm
03	4 th Cross East	0	2	0	ppm
04	4 th Cross Middle	0	0	0	ppm
05	4 th Cross West	15	7	6	ppm
06	Church Opposite Pudu nagar Main Road	9	8	25	ppm
07	Near Temple Pudu Nagar Main Road	9	2	3	ppm

Note: Test Instrument Details:

Make: Honeywell; Model: Gas Alert Max XT II; S.No: MA224-007038; Cal Due: Upto 10.12.2024

-----End of Report-----

For Chennai Mettex Lab Private Limited,



Reviewed & Authorised by
P. KAVITHA
 Technical Manager
 Authorised Signatory

n. ramesh

Dr. N. RAMESH
 MEMBER SECRETARY
 PUDUCHERRY POLLUTION
 CONTROL COMMITTEE
 PUDUCHERRY

NOTE: Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders will be liable for legal action. Unless otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained for 15 days only from the completion date of testing, except in case of regulatory samples, which will be retained for a specific period as per statutory requirement; while perishable & environmental testing related remnant samples will be discarded consequent upon completion of testing. Samples are not drawn by us unless otherwise stated. This document cannot be reproduced except in full, without prior written approval of the laboratory. This report is for the exclusive use of Chennai Mettex Lab's customer, and is provided in accordance with the agreement between Chennai Mettex Lab and its Customer.

**CHENNAI METTEX LAB PRIVATE LIMITED**

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032, Tamil Nadu, INDIA
Phone : +91 44 22323163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459
Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

Page No. 1 of 1

ISSUED TO : M/s. The Member Secretary,
Pondicherry Pollution Control Committee,
3rd Floor, PHB Building, Anna Nagar,
Puducherry- 605005

T.C Date : 20.06.2024

T.C No : CML/24-25/24808

Party's Ref : Letter Date: 14.06.2024

Date of Receipt: 18.06.2024

Lab No : 25026879

Test Completed on: 19.06.2024

Sample Description: Hydrogen sulfide (H₂S) Monitoring in Drain Line
(as stated by customer)

Location: Pudu Nagar, Reddiyarpalayam, Oulgaret Municipality**Date of Sampling: 18.06.2024**

S.No.	Sampling Location (Pudu Nagar)	H ₂ S Concentration (ppm)			Unit
		Morning	Noon	Evening	
		7.00 – 8.00 am	1.00 – 2.00 pm	5.00 – 6.00 pm	
01	2 nd Cross East	7	11	2	ppm
02	2 nd Cross West	0	3	0	ppm
03	4 th Cross East	0	1	3	ppm
04	4 th Cross Middle	4	2	0	ppm
05	4 th Cross West	25	8	35	ppm
06	Church Opposite Pudu nagar Main Road	25	54	55	ppm
07	Near Temple Pudu Nagar Main Road	20	25	25	ppm

Note: Test Instrument Details:

Make: Honeywell; Model: Gas Alert Max XT II; S.No: MA224-007038; Cal Due: Upto 10.12.2024

End of Report

For Chennai Mettex Lab Private Limited,



Reviewed & Authorised by
P. KAVITHA
Technical Manager
Authorised Signatory

Dr. N. RAMESH
MEMBER SECRETARY
PUDUCHERRY POLLUTION
CONTROL COMMITTEE
PUDUCHERRY

NOTE: Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders will be liable for legal action. Unless otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained for 15 days only from the completion date of testing .. except in case of regulatory samples, which will be retained for a specific period as per statutory requirement; while perishable & environmental testing related remnant samples will be discarded consequent upon completion of testing. Samples are not drawn by us unless otherwise stated. This document cannot be reproduced except in full, without prior written approval of the laboratory. This report is for the exclusive use of Chennai Mettex Lab's customer, and is provided in accordance with the agreement between Chennai Mettex Lab and its Customer.



9

CHENNAI METTEX LAB PRIVATE LIMITED[®]

Jothi Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032, Tamil Nadu, INDIA
Phone : +91 44 22323163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459
Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

Page No. 1 of 1

ISSUED TO : M/s. The Member Secretary,
Pondicherry Pollution Control Committee,
3rd Floor, PHB Building, Anna Nagar,
Puducherry- 605005

T.C Date : 20.06.2024

T.C No : CML/24-25/24809

Party's Ref : Letter Date: 14.06.2024

Date of Receipt: 19.06.2024

Lab No : 25026880

Test Completed on: 19.06.2024

**Sample Description: Hydrogen sulfide (H₂S) Monitoring in Drain Line
(as stated by customer)**

Location: Pudu Nagar, Reddiyarpalayam, Oulgaret Municipality**Date of Sampling: 19.06.2024**

S.No.	Sampling Location (Pudu Nagar)	H ₂ S Concentration (ppm)			Unit
		Morning	Noon	Evening	
		7.00 – 8.00 am	1.00 – 2.00 pm	5.00 – 6.00 pm	
01	2 nd Cross East	3	3	5	ppm
02	2 nd Cross West	0	6	3	ppm
03	4 th Cross East	7	2	0	ppm
04	4 th Cross Middle	3	7	1	ppm
05	4 th Cross West	25	6	51	ppm
06	Church Opposite Pudu nagar Main Road	10	32	75	ppm
07	Near Temple Pudu Nagar Main Road	22	4	84	ppm

Note: Test Instrument Details:

Make: Honeywell; Model: Gas Alert Max XT II; S.No: MA224-007038; Cal Due: Upto 10.12.2024

End of Report

For Chennai Mettex Lab Private Limited,



Reviewed & Authorised by
P. KAVITHA
Technical Manager
Authorised Signatory

Dr. N. RAMESH
MEMBER SECRETARY
PUDUCHERRY POLLUTION
CONTROL COMMITTEE
PUDUCHERRY

NOTE: Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders will be liable for legal action. Unless otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained for 15 days only from the completion date of testing, except in case of regulatory samples, which will be retained for a specific period as per statutory requirement; while perishable & environmental testing related remnant samples will be discarded consequent upon completion of testing. Samples are not drawn by us unless otherwise stated. This document cannot be reproduced except in full, without prior written approval of the laboratory. This report is for the exclusive use of Chennai Mettex Lab's customer, and is provided in accordance with the agreement between Chennai Mettex Lab and its Customer.

**BEFORE THE HON'BLE NATIONAL
GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

**Original Application No. 248 of 2024
(SZ)**

In the Matter of

NEWS ITEM TITLED PUDUCHERRY GAS
LEAK 3 DEAD TWO HOSPITALISED AFTER
INHALING TOXIC GAS IN WASHROOM
APPEARING IN THE NEWS MINUTE
DATED 12 06 2024 VS CENTRAL
POLLUTION CONTROL BOARD THROUGH
ITS MEMBER SECRETARY

REPORT

Mr. Ramaswamy Meyyappan
MS1876/2016
Government Advocate of Puducherry
Madras High Court Campus
COUNSEL FOR RESPONDENT
9940188325/meram6@gmail.com