

Date: 15.05.2021

To,
The Zonal Office Central Pollution Control Board, Shillong
Sh. Zawthanglien Changsan (Scientist 'E' and Incharge)
"TUM_SIR" Lower Motinagar
Near Fire Brigade H.Q- Shillong-793014

SUB.: Submission of Post EC Compliance Report in respect of Cement Grinding Unit (OPC/PPC, 0.66 MTPA) at P.O. Gauripur, District Kamrup Rural, Assam

REF.: ENVIRONMENTAL CLEARANCE LETTER F.No. No. J-11011/608/2009-IA II (I), Dated July 22, 2010.

Amendment of Environmental Clearance Letter: No. J-11011/608/2009-IA II (I), Dated 2nd June, 2011.

Dear Sir,

With reference to the Environmental Clearance obtained from MoEF we are hereby enclosing the Six Monthly Compliance Report for the period **October'2020 to March'2021** of Environmental Clearance issued to us.

I hope that you will find it in order and do the needful.

Thanking You.
Yours faithfully,

For **M.s. Topcem India**

(Partner)

Copy to:

1. Member Secretary, Pollution Control Board Assam,
Bamunimaidam, Guwahati- 21
2. The Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest & Climate Change,
North Eastern Regional Office
Law-U-Sib, Lumbatngen
Near MTC Workshop, Shillong-793021



Correspondence Office :

Mega Plaza, 5th Floor, Christian Basti
G.S. Road, Guwahati - 781005, Assam

Tel.: 0361 2345428/29, 18001233666

E-mail: helpdesk@topcem.in Fax: 03612345419

Date: 15.05.2021

To,
The Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest & Climate Change,
North Eastern Regional Office
Law-U-Sib, Lumbatngen
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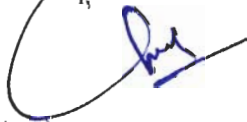
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ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR PERIOD OF OCTOBER'2020 TO MARCH' 2021

Project Name

**Cement Grinding Unit (OPC/PPC, 0.66 MTPA) at P.O.
Gauripur, District Kamrup (Rural), Assam**

Submitted By



Prepared by

**ENVISION ENVIRO
TECHNOLOGIES NORTH EAST**

**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
THE PERIOD OF OCTOBER' 2020 to MARCH'2021**

Name of The Company : M/s. Topcem India

Project Name : Cement Grinding Unit (OPC/PPC, 0.66 MTPA) at P.O. Gauripur, District Kamrup (Rural), Assam

Environmental Clearance Letter : F.No. J-11011/608/2009-IA II (I), Dated July 22, 2010.

Amendment of Environmental Clearance Letter : F.No. J-11011/608/2009-IA II (I), Dated 2nd June, 2011.

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
i.	Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. Particulate emissions shall be controlled within 30 mg/Nm ³ by installing adequate air pollution control system viz. Bag filters and stacks of adequate height etc. Data on ambient air Quality, fugitive and stack emissions shall be submitted to the Ministry's Regional Office at Shillong, Assam State Pollution Control Board (ASPCB) and CPCB regularly	- We have installed online (opacity meter) monitoring device at our Cement mill stack for continuous monitoring of the gaseous emissions. PM data is live on CPCB and ASPCB server (http://202.191.230.91/). Monitoring data attached as Annexure- I. - Reverse pulse jet type Bag filters are provided for mill, classifier, silos and Cement packing ventilation to control the particulate emission. Necessary replacement of bags in bag filters is being done whenever required, for controlling of the emission below 30mg/Nm³. Bag filters, stacks of adequate height etc are being maintained. - Monitored data of ambient air, fugitive and stack emission Report is attached as Annexure-II.
ii.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No.: 826(E), dated: 16th November, 2009 should be followed.	We are following the National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No.: 826(E), dated: 16 th November, 2009 and monitoring is carried out accordingly.
iii.	Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the	We are controlling fugitive emission from all the sources within the latest permissible limits issued by the MoEF guidelines using Bag filters & water sprinkling system and also monitoring

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
	latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB should be followed	the parameters as per guideline. Adequate dust collection and extraction system to control fugitive dust emissions at various transfer points ,raw material handling, bagging and packing areas etc. are already developed. All conveyers are covered with GI sheets. Refer Annexure-I &II for monitoring data.
iv.	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw mill handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. All the raw material stock piles should be covered. A closed clinker stockpile system shall be provided. All conveyers should be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyers for transportation of materials should be provided besides coal, cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling.	▪ We have provided adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw material handling, bagging and packing sections etc. All conveyers are covered with GI sheets. All the raw material stock piles are covered by tarpaulins. Finished products are dispatched by covered wagon or truck to stop fugitive emission during transportation. ▪ We have provided 23 numbers of reverse pulse jet type bag filters system in whole plant to control the fugitive emission. Detail of the attached bags is attached as Annexure-III. ▪ Covered storage is provided for fly ash and gypsum. For Clinker RCC Silo is provided. ▪ Belt Conveyors have been using for transporting of raw materials which are covered with GI sheets. ▪ We are receiving fly Ash in bulkers and emptying it in Fly ash silo and fly ash is blending in cement at Ball mill outlet through air slide. This is a complete closed circuit process. ▪ We are receiving fly Ash in HDPE bags also and after cutting bags we are feeding the fly ash to hopper through covered belt conveyor. Through Hopper the Fly Ash feeding to Mill.
v.	Asphalting/concreting of roads and water spray all around the	▪ Concreting of road has done and upto 87.5% has covered. We ensure that we have

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
	stock-yard and loading/unloading areas in the cement plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM and RSPM such as haul road, loading and unloading points, transfer points and other vulnerable areas. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	installed in total 90 numbers of water Sprinklers around loading/unloading areas, internal roads and near plantation area. Fugitive emission result attached at Annexure-II.
vi.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored.	We have taken all precautions to reduce impact of transport of raw material etc in the surrounding environment including agricultural land. Such as Fly ash is transported in HDPE sealed bags, internal roads of plant are paved and regular sprinkling of water is being done on roads. We have separate parking areas for trucks and PUC certificate of vehicles is checking regularly to control the vehicular emission. The collection of PUC certificate data of vehicles entering within the plant and inhouse testing result of PM2.5 at the truck movement area attached as are Annexure-IV.
vii.	Total water requirement for cement plant from bore wells shall not exceed 50 m ³ /day. All the treated wastewater shall be recycled and reused in the process and/ or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged	▪ We got NOC from Government of India, Central Ground water Authority(CGWA), for extraction ground water upto 60 m³/day. ▪ 15 m³/Day STP treated water is used for plantation and spraying on road to suppress the dust. ▪ Our water requirement (fresh+ treated water) does not exceed 75 m³/day. ▪ Being a Zero Discharge unit no waste water

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
	outside the factory premises and zero discharge shall be adopted.	is generated. Treated water (approx 15 m3/day) by recycle and reuse of the process water after primary use, is consume daily for dust suppression and green belt development and other plant related activities etc. Sewage Treatment Plant has been constructed and treated waste water reused in gardening and dust suppression. ▪ Effluent Treatment Plant has also constructed for recycle water being used in washing of vehicles. ▪ No process water is let to go outside the factory and it is included in recirculation system.
viii.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	Rain water harvesting system has been constructed for conservation of rain water and for reducing the consumption of fresh water. Rooftop water is being collected and recharging to the ground.
ix.	All the bag filter dust, raw meal dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process used for cement manufacturing. Spent oil and batteries should be sold to authorized recyclers / reproprocessors only.	▪ All the collected dusts from the pollution control devices is recycled and reused in the cement manufacturing process. Spent oil reused in the plant machineries for lubrication. Damaged HDPE bags are sold to the authorized recyclers/reprocessors. Separate storage room for the spent oil and HDPE bags is constructed with proper identification.
x.	Green belt shall be developed in an area of 33% of total area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.	We have developed the green belt inside the plant premises within 22064 square meters which is 33% of total area of plant, to mitigate the effects of pollution in consultation with local DFO. The copy of letter is already submitted to MoEF Regional Office, Shillong along with compliance report for the period of Oct'2015 to

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
		March'2016.
xi.	All the recommendations made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.	All the CREP conditions for the Cement plants are implemented and followed.
xii.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Shillong, ASPCB and CPCB within 3 months of issue of Environment Clearance letter.	Already submitted to Ministry's Regional Office at Shillong, ASPCB and CPCB. Revised Risk and Disaster Management Plan for M/s TOPCEM INDIA is already submitted with compliance report for period of April'17 to Sep'17.
xiii.	At least 5% of the total cost of the project should be earmarked towards the corporate social responsibility and item - wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Shillong. Implementation of such program should be ensured accordingly in a time bound manner.	Item-wise details along with time bound action plan 2020-21 for period of October'2020 to March'2021 is prepared and accordingly. Corporate Social responsibility activities are being followed. The costing details of CSR activities completed in this period are attached as Annexure-V .
xiv.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The company had provided housing facilities for construction labor with all necessary infrastructure and facilities at the time of project work.

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
i.	The project authorities must strictly adhere to the stipulations made by the Assam State Pollution Control Board and the State Government	We are complying with all the stipulation made by the Assam State Pollution Control Board and the State Government. We have obtained Consent to Operate (CTO) for the year 2021-22 from the board under water Act-1974 and Air Act-1981 vide APCB letter no.: WB/GUW/T-1241(PT-I)/12-13/349/05 dated 01/04/2021.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Condition is being followed.
iii.	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	Condition is being followed. Monitoring reports are enclosed as Annexure-I & II.
iv.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Shillong and the SPCB/CPCB once in six months.	Four ambient air quality monitoring locations are identified in consultation with Pollution Control Board vide Letter no WB/LB-81/Amb/09-10/33/1327 dated 26th August 2011. ▪ Analysis results on ambient air quality and stack emissions test report are attached as Annexure -II. ▪ We are regularly submitting six monthly compliance reports to the Ministry's Regional Office, State pollution control board, Assam and Central Pollution control Board Delhi.
v.	Industrial wastewater shall be properly collected, treated so as	Being a zero discharge unit no Industrial waste water is generated. We are using Sewage

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Treatment plant (STP) for treating waste water approx 15KL daily. The treated wastewater is being used for plantation and other purpose like spraying on roads and dust suppression.
vi.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Noise control measure like acoustic hoods, silencers and enclosures have been provided with all sources of noise generation so that noise level in and around the plant remain below the prescribed limit of CPCB. Noise monitoring reports are enclosed as Annexure-II .
vii.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational health surveillance of the workers is being carried out on regular basis and records are maintained as per the Factories Act. Latest records of occupational health refer as Annexure- VI .
viii.	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rain water harvesting structure has constructed and we are using it to harvest the rain water during lean season as per direction.
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water	We are complying the protection measures and safeguards recommended in the EIA/EMP report and community development programmes like drinking water supply, etc are initiated in the area. We are undertaking socio-economic development activities in the surrounding villages. We supply drinking water to near by village. Some of the newspaper advertised copy is already submitted with previous compliance.

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	supply and health care etc.	
x.	Requisite amount of funds shall be earmarked for the environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Shillong. The funds so provided shall not be diverted for any other purpose.	The fund expenses for environment pollution control measures in FY 2020-21 for period of October'2020 to March'2021 as per EC granted by MOEF is approx 39 Lakh. Sixteen thousand three hundred nineteen rupees Schedule for environmental protection measure. Detail of fund used for environmental pollution measure attached with Annexure-VII .
xi.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	No such suggestions/ representations from concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO were received while processing the proposal. The clearance letter is uploaded on our company website i.e www.topcem.in
xii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Shillong. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOx (ambient levels as well as stack	- Status of the compliance of the stipulated environment clearance condition including monitoring data are uploaded in our website i.e. www.topcem.in and also sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the ASPCB. - We are displaying critical pollutants (ambient as well as stack emissions) near our Main gate of Plant.

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
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x.	Requisite amount of funds shall be earmarked for the environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Shillong. The funds so provided shall not be diverted for any other purpose.	The fund expenses for environment pollution control measures in FY 2020-21 for period of October'2020 to March'2021 as per EC granted by MOEF is approx 39 Lakh. Sixteen thousand three hundred nineteen rupees Schedule for environmental protection measure. Detail of fund used for environmental pollution measure attached with Annexure-VII .
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B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
xiii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Shillong/ CPCB / SPCB shall monitor the stipulated conditions.	We are regularly submitting six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data as stipulated. Last EC Compliance report for the period April'2020 to September'20 was submitted vide letter no. TI/MEF/0A/20-21/09 dated 26 th December 2020 at MOEF office Shillong, Letter no. TI/MEF/0A/20-21/10 dated 26 th December 2020 at CPCB Zonal Office, and Letter no. TI/MEF/0A/20-21/11 dated 23 rd December 2020 at PCB, Assam.
xiv.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Shillong by e-mail.	The environmental statement for year ending March2021 was submitted vides our letter No.TI/MEF/0A/21-22/02 dtd 28 th April 2021 to Pollution Control Board Assam and Regional Office of the MoEF Shillong.
xv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the	We have followed the condition as directed.

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Shillong.	
xvi.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	We have followed the condition.
xvii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	We are agreed with the condition and assure that we are implementing the condition.
xviii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	We are agreed with the condition and assure that we are implementing the condition.
xix.	Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under section 11 of the National Environment Appellate Act-	We are agreed with the condition and assure that we are implementing the condition.

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	1997.	
xx.	The above condition shall be enforced, inter alia under the provisions of the Water Act-1974, Air Act-1981 and Hazardous Waste (M&H) and Transboundary movement Rules-2008 and the Public (Insurance) Liability Act-1991 along with their amendments and Rules.	We are agreed with the condition and assure that we are implementing the condition.

TOPCEM INDIA

Gauripur

ONLINE OPACITY METER READING MONTH WISE

Oct,2020

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.60	0.40	15.50

Nov,2020

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.35	0.60	16.40

Dec,2020

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.50	0.70	15.70

Jan,2021

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.75	0.30	15.50

Feb,2021

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.20	0.50	16.00

Mar,2021

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.30	0.40	16.50



AMBIENT AIR ANALYSIS REPORT

Rep.No. AAAR_12040009_01_710/434

SAMPLE ID: EETNE/OCT/13/20

TEST REPORT

Date: 22/10/2020

ULR NO.: TC766920000000205F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 16/10/2020, 17/10/2020 TO 22/10/2020
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)
i)	16/10/20	Near Highways & Truck Parking	Clear	53.3	33.2	21.8	8.4
ii)		Near Workshop & Staff Quarter		44.0	29.5	16.7	6.8
iii)	17/10/20	Near Switch Yard		48.2	31.3	19.4	7.5
iv)		Near Truck Tippler		56.9	34.0	22.5	9.7

Remarks: - Samplings were done under annual based.

NATIONAL AMBIENT AIR QUALITY STANDARDS:

Sl. No.	Pollutant	Test Method	Time Average	Weighted	Concentration in Ambient Air Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide (SO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-II/ CPCB	Annual		50
				24 hours	80
2	Nitrogen Dioxide (NO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-VI/ CPCB	Annual		40
				24 hours	80
3	Particulate Matter (PM ₁₀), $\mu\text{g}/\text{m}^3$	IS:5182 Part-XXIII/ CPCB	Annual		60
				24 hours	100
4	Particulate Matter (PM _{2.5}), $\mu\text{g}/\text{m}^3$	USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I	Annual		40
				24 hours	60

Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

Note: i) The results relate only to the parameters tested.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----



Recognized by Pollution Control Board, Assam

TEST REPORT

D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. DGNLMR_12040009_06A_711/434

SAMPLE ID: EETNE/OCT/13/20

Date: 22/10/2020

ULR NO.:TC766920000000205F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Pressure Level of DG in dB(A) Leg	Sound Level of DG
i)	16/10/20	1500 KVA - DG Set 1	57	71.5	71.34	
ii)		1500 KVA - DG Set 2	57.3	71.2	71.01	
iii)	17/10/20	1500 KVA - DG Set 3	57.3	70.3	70.07	
iv)		1500 KVA - DG Set 4	57.3	70.4	70.18	

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.

Method of analysis : IS 4758 : 1968 RA : 2017

Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.


Utpal Bezbaruah
(Environmental Chemist)

FOR ENVISION ENVIRO TECHNOLOGIES NORTH EAST, GUWAHATI



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



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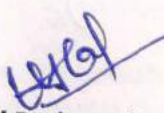
NABL ACCREDITED

Certificate No. TC-7669

FUGITIVE EMISSION ANALYSIS REPORTRep.No. 201022_12040009_04_712/434
SAMPLE ID: EETNE/OCT/13/20Date: 22/10/2020
ULR NO.:TC766920000000205F**Name & Address:**M/s. Topcem India
Gauripur, North Guwahati,
Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)	16/10/20	Near Main Gate	1059	-Water spraying is done to control the fugitive emission.
ii)		Near Fly Ash Yard	1006.4	
iii)		Near Packing Loading Area	1399	
iv)	17/10/20	Near Packing Area	1308.1	-All materials are stored in closed sheds to mitigate fugitive emission.
v)		Near Bag Filter	531.7	
vi)		Near Truck Tippler	1079.2	

For Envision Enviro Technologies North East, Guwahati


Utpal Bezbaruah
(Environmental Chemist)
Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR_12040009_06A_713 / 421
SAMPLE ID: EETNE/OCT/13/20

Date: 22/10/2020
ULR NO.:TC766920000000205F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	16/10/20	Near Highway & Truck Parking	65.5
ii)		Near Workshop & Staff Quarter	53.1
iii)	17/10/20	Near Packing Plant	61.9
iv)		Near Cement Mill	70.9

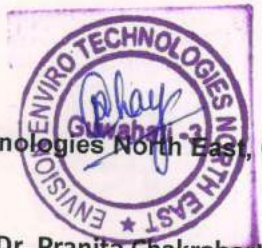
Remarks: Noise level is carried out during 75% of the Day Time and Night Time.
Method of analysis : IS : 9989 :1981 RA:2014
Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40


Utpal Bezbaruah
(Environmental Chemist)

For Enviro Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_12040009_02_714/734
SAMPLE ID: EETNE/OCT/13/20

Date: 22/10/2020

ULR NO.:TC766920000000205F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 16/10/2020, 17/10/2020 TO 22/10/2020
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	16/10/20	Stack attached to DG Set 1500 KVA - 1	49.3
ii)		Stack attached to DG Set 1500 KVA -2	50.8
iii)	17/10/20	Stack attached to DG Set 1500 KVA -3	54.2
iv)		Stack attached to DG Set 1500 KVA -4	52.1

Method of analysis: IS 11255 Part-III : 2008 RA

Emission Standards :

Parameter	Standards
Particulate Matter	75 mg/Nm ³


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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Certificate No. TC-7669

TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_12040009_02_715/434

SAMPLE ID: EETNE/OCT/13/20

Date: 22/10/2020

ULR NO.: TC766920000000205F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 16/10/2020 TO 22/10/2020
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	16/10/2020	Stack attached to Cement Mill	20.1

Method of analysis: IS 11255 Part-III : 2008 RA

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
- Bag filter is attached to Cement mill.
-Necessary replacement of filters has been done.

Emission Standards :

Parameter	Standards
Particulate Matter	30mg/Nm ³


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



TEST REPORT

AMBIENT AIR ANALYSIS REPORT

Rep.No. AAAR_12040009_01_716/435

SAMPLE ID: EETNE/NOV/09/20

Date: 16/11/2020

ULR NO.: TC766920000000236F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 11/11/2020, 12/11/2020 TO 16/11/2020
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)
i)	11/11/20	Near Highways & Truck Parking	Clear	54.1	35.0	22.1	9.3
ii)		Near Workshop & Staff Quarter		46.7	31.1	18.2	7.9
iii)	12/11/20	Near Switch Yard		50.2	33.8	20.4	8.8
iv)		Near Truck Tippler		57.0	36.2	23.9	10.7

Remarks: - Samplings were done under annual based.

NATIONAL AMBIENT AIR QUALITY STANDARDS:

Sl. No.	Pollutant	Test Method	Time Average	Weighted	Concentration in Ambient Air Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide (SO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-II/ CPCB	Annual		50
				24 hours	80
2	Nitrogen Dioxide (NO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-VI/ CPCB	Annual		40
				24 hours	80
3	Particulate Matter (PM ₁₀), $\mu\text{g}/\text{m}^3$	IS:5182 Part-XXIII/ CPCB	Annual		60
				24 hours	100
4	Particulate Matter (PM _{2.5}), $\mu\text{g}/\text{m}^3$	USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I	Annual		40
				24 hours	60

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah
(Environmental Chemist)

Dr. Pranita Chakraborty
(Quality Manager)
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-----END OF REPORT-----



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TEST REPORT

D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. DGNLMR_12040009_06A_717/435
SAMPLE ID: EETNE/NOV/09/20

Date: 16/11/2020
ULR NO.:TC766920000000236F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Pressure Level of DG in dB(A) Leq
i)	11/11/20	1500 KVA - DG Set 1	57.1	71.2	71.0
ii)		1500 KVA - DG Set 2	57.3	72.1	71.9
iii)	12/11/20	1500 KVA - DG Set 3	57.1	71.5	71.3
iv)		1500 KVA - DG Set 4	57.1	71.3	71.13

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.

Method of analysis : IS 4758 : 1968 RA : 2017

Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.

FOR ENVISION ENVIRO TECHNOLOGIES NORTH EAST, GUWAHATI


Utpal Bezbaruah
(Environmental Chemist)


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



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Certificate No. TC-7669

FUGITIVE EMISSION ANALYSIS REPORT

Rep.No. 201116_12040009_04_718/435
SAMPLE ID: EETNE/NOV/09/20

Date: 16/11/2020
ULR NO.:TC766920000000236F

Name & Address:

M/s. Topcem India
Gauripur, North Guwahati,
Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)	11/11/20	Near Main Gate	1073.5	-Water spraying is done to control the fugitive emission.
ii)		Near Fly Ash Yard	997.2	
iii)		Near Packing Loading Area	1408	
iv)	12/11/20	Near Packing Area	1296	-All materials are stored in closed sheds to mitigate fugitive emission.
v)		Near Bag Filter	509.18	
vi)		Near Truck Tippler	1085.9	


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR_12040009_06A_719/435
SAMPLE ID: EETNE/NOV/09/20

Date: 16/11/2020
ULR NO.:TC766920000000236F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	11/11/20	Near Highway & Truck Parking	67.9
ii)		Near Workshop & Staff Quarter	52.6
iii)	12/11/20	Near Packing Plant	63.8
iv)		Near Cement Mill	71.2

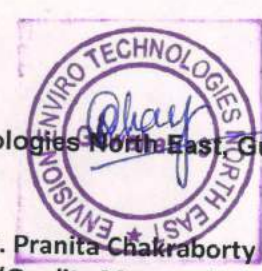
Remarks: Noise level is carried out during 75% of the Day Time and Night Time.
Method of analysis : IS : 9989 :1981 RA:2014
Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40


Utpal Bezbaruah
(Environmental Chemist)

For Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_12040009_02_720/435

SAMPLE ID: EETNE/NOV/09/20

Date: 16/11/2020

ULR NO.:TC766920000000236F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 11/11/2020, 12/11/2020 TO 16/11/2020
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	11/11/20	Stack attached to DG Set 1500 KVA - 1	47.7
ii)		Stack attached to DG Set 1500 KVA -2	51.6
iii)	12/11/20	Stack attached to DG Set 1500 KVA -3	53.1
iv)		Stack attached to DG Set 1500 KVA -4	52.9

Method of analysis: IS 11255 Part-III : 2008 RA

Emission Standards :

Parameter	Standards
Particulate Matter	75 mg/Nm ³


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_12040009_02_721/435

SAMPLE ID: EETNE/NOV/09/20

Date: 16/11/2020

ULR NO.:TC766920000000236F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 11/11/2020 TO 16/11/2020
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	11/11/2020	Stack attached to Cement Mill	19.6

Method of analysis: IS 11255 Part-III : 2008 RA

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
- Bag filter is attached to Cement mill.
-Necessary replacement of filters has been done.

Emission Standards :

Parameter	Standards
Particulate Matter	30mg/Nm ³


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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TEST REPORT

AMBIENT AIR ANALYSIS REPORT

Rep.No. AAAR_12040009_01_722 / 436
SAMPLE ID: EETNE/DEC/25/20

Date: 04/01/2021

ULR NO.: TC766920000000278F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 29/12/2020, 30/12/2020 TO 04/01/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)
i)	29/12/20	Near Highways & Truck Parking	Clear	51.9	32.0	17.3	7.8
ii)		Near Workshop & Staff Quarter		43.8	29.5	13.9	6.0
iii)	30/12/20	Near Switch Yard		48.2	31.7	15.2	7.1
iv)		Near Truck Tippler		54.6	33.9	19.0	8.5

Remarks: - Samplings were done under annual based.

NATIONAL AMBIENT AIR QUALITY STANDARDS:

Sl. No.	Pollutant	Test Method	Time Average	Weighted	Concentration in Ambient Air Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide (SO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-II/ CPCB	Annual		50
2	Nitrogen Dioxide (NO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-VI/ CPCB	Annual	24 hours	80
3	Particulate Matter (PM ₁₀), $\mu\text{g}/\text{m}^3$	IS:5182 Part-XXIII/ CPCB	Annual	24 hours	80
4	Particulate Matter (PM _{2.5}), $\mu\text{g}/\text{m}^3$	USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I	Annual	24 hours	100
				24 hours	40
				24 hours	60

Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



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TEST REPORT

D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. DGNLMR_12040009_06A_723/436
SAMPLE ID: EETNE/DEC/25/20

Date: 04/01/2021
ULR NO.:TC766920000000278F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Pressure Level of DG in dB(A) Leq
i)	29/12/20	1500 KVA - DG Set 1	57.3	71.2	71.01
ii)		1500 KVA - DG Set 2	57	70.6	70.40
iii)	30/12/20	1500 KVA - DG Set 3	57.3	70.4	70.18
iv)		1500 KVA - DG Set 4	57.1	71.5	71.33

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.

Method of analysis : IS 4758 : 1968 RA : 2017

Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.


Utpal Bezbaruah
(Environmental Chemist)

FOR ENVISION ENVIRO TECHNOLOGIES NORTH EAST, GUWAHATI



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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FUGITIVE EMISSION ANALYSIS REPORT

Rep.No. 210104_12040009_04_724/436
SAMPLE ID: EETNE/DEC/25/20

Date: 04/01/2021
ULR NO.:TC766920000000278F

Name & Address:

M/s. Topcem India
Gauripur, North Guwahati,
Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)	29/12/20	Near Main Gate	1106	-Water spraying is done to control the fugitive emission.
ii)		Near Fly Ash Yard	988.3	
iii)		Near Packing Loading Area	1394	
iv)	30/12/20	Near Packing Area	1310	-All materials are stored in closed sheds to mitigate fugitive emission.
v)		Near Bag Filter	496.7	
vi)		Near Truck Tippler	1132	


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----

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Certificate No. TC-7669

Recognized by Pollution Control Board, Assam

TEST REPORT**AMBIENT NOISE LEVEL MEASUREMENT REPORT**Rep.No. ANLMR_12040009_06A_725/436
SAMPLE ID: EETNE/DEC/25/20Date: 04/01/2021
ULR NO.: TC766920000000278F**Issued to:** M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	29/12/20	Near Highway & Truck Parking	68.2
ii)		Near Workshop & Staff Quarter	52.4
iii)	30/12/20	Near Packing Plant	64.3
iv)		Near Cement Mill	72.5

Remarks: Noise level is carried out during 75% of the Day Time and Night Time.**Method of analysis :** IS : 9989 :1981 RA:2014**Sampling Instrument Used :** Lutron SL-4033SD, HTC SL 1350**Ambient Noise Standards:**

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40


Utpal Bezbaruah
 (Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
 (Quality Manager)
 (Authorized Signatory)

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-----END OF REPORT-----



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Certificate No. TC-7669

TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_12040009_02_726/436

SAMPLE ID: EETNE/DEC/25/20

Date: 04/01/2021

ULR NO.:TC766920000000278F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 29/12/2020, 30/12/2020 TO 04/01/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	29/12/20	Stack attached to DG Set 1500 KVA - 1	48.2
ii)		Stack attached to DG Set 1500 KVA -2	49.9
iii)	30/12/20	Stack attached to DG Set 1500 KVA -3	54.6
iv)		Stack attached to DG Set 1500 KVA -4	51.8

Method of analysis: IS 11255 Part-III : 2008 RA

Emission Standards :

Parameter	Standards
Particulate Matter	75 mg/Nm ³

Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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Certificate No. TC-7669

TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_12040009_02_727/436

SAMPLE ID: EETNE/DEC/25/20

Date: 04/01/2021

ULR NO.:TC766920000000278F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 29/12/2020 TO 04/01/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	29/12/2020	Stack attached to Cement Mill	19.03

Method of analysis: IS 11255 Part-III : 2008 RA

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
- Bag filter is attached to Cement mill.
-Necessary replacement of filters has been done.

Emission Standards :

Parameter	Standards
Particulate Matter	30mg/Nm ³

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah
(Environmental Chemist)



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

Note: i) The results relate only to the parameters tested.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----



TEST REPORT

AMBIENT AIR ANALYSIS REPORT

Rep.No. AAAR_12040009_01_728 / 1237
SAMPLE ID: EETNE/JAN/21/21

Date: 04/02/2021

ULR NO.: TC766921000000301F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 29/01/2021, 30/01/2021 TO 04/02/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	NO _x (µg/m ³)	SO ₂ (µg/m ³)
i)	29/01/21	Near Highways & Truck Parking	Clear	49.5	31.8	19.3	8.0
ii)		Near Workshop & Staff Quarter		40.4	25.1	14.2	6.2
iii)	30/01/21	Near Switch Yard		46.0	30.7	16.9	7.8
iv)		Near Truck Tippler		51.2	32.3	20.1	9.4

Remarks: - Samplings were done under annual based.

NATIONAL AMBIENT AIR QUALITY STANDARDS:

Sl. No.	Pollutant	Test Method	Time Average	Weighted	Concentration in Ambient Air Industrial, Residential, Rural and Other Area
			Annual	24 hours	
1	Sulphur Dioxide (SO ₂), µg/m ³	IS:5182 Part-II/ CPCB	Annual	24 hours	50
2	Nitrogen Dioxide (NO ₂), µg/m ³	IS:5182 Part-VI/ CPCB	Annual	24 hours	80
3	Particulate Matter (PM ₁₀), µg/m ³	IS:5182 Part-XXIII/ CPCB	Annual	24 hours	40
4	Particulate Matter (PM _{2.5}), µg/m ³	USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I	Annual	24 hours	60
					100
					40
					60

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah
(Environmental Chemist)



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



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TEST REPORT

D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. DGNLMR_12040009_06A_729/437
SAMPLE ID: EETNE/JAN/21/21

Date: 04/02/2021
ULR NO.:TC766921000000301F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Pressure Level of DG in dB(A) Leq
i)	29/01/21	1500 KVA - DG Set 1	56	72.3	72.19
ii)		1500 KVA - DG Set 2	57.1	71.3	71.13
iii)	30/01/21	1500 KVA - DG Set 3	57.8	73.1	72.9
iv)		1500 KVA - DG Set 4	57.2	71.2	71.0

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.

Method of analysis : IS 4758 : 1968 RA : 2017

Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.


Utpal Bezbaruah
(Environmental Chemist)

FOR ENVISION ENVIRO TECHNOLOGIES NORTH EAST, GUWAHATI



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



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NABL ACCREDITED

Certificate No. TC-7669

FUGITIVE EMISSION ANALYSIS REPORTRep.No. 210204_12040009_04_730 ¹³⁷
SAMPLE ID: EETNE/JAN/21/21Date: 04/02/2021
ULR NO.:TC766921000000301F**Name & Address:**M/s. Topcem India
Gauripur, North Guwahati,
Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)	29/01/21	Near Main Gate	1088.4	-Water spraying is done to control the fugitive emission. -All materials are stored in closed sheds to mitigate fugitive emission.
ii)		Near Fly Ash Yard	994.7	
iii)		Near Packing Loading Area	1348.2	
iv)	30/101/21	Near Packing Area	1292	
v)		Near Bag Filter	500.9	
vi)		Near Truck Tippler	1106.5	


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----

**NABL ACCREDITED**

Certificate No. TC-7669

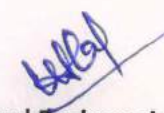
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TEST REPORT**AMBIENT NOISE LEVEL MEASUREMENT REPORT**Rep.No. ANLMR_12040009_06A_731 *1/32*
SAMPLE ID: EETNE/JAN/21/21Date: 04/02/2021
ULR NO.: TC766921000000301F**Issued to:** M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

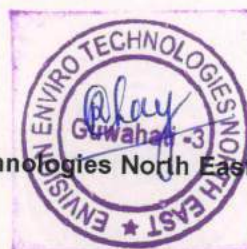
SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	29/01/21	Near Highway & Truck Parking	69.0
ii)		Near Workshop & Staff Quarter	53.3
iii)	30/01/21	Near Packing Plant	65.7
iv)		Near Cement Mill	71.8

Remarks: Noise level is carried out during 75% of the Day Time and Night Time.**Method of analysis :** IS : 9989 :1981 RA:2014**Sampling Instrument Used :** Lutron SL-4033SD, HTC SL 1350**Ambient Noise Standards:**

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40


Utpal Bezbaruah
(Environmental Chemist)

For Envion Enviro Technologies North East, Guwahati

**Dr. Pranita Chakraborty**
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----

**TEST REPORT****NABL ACCREDITED**

Certificate No. TC-7669

STACK ANALYSIS REPORT

Rep.No. SAR_12040009_02_732 137

SAMPLE ID: EETNE/JAN/21/21

Date: 04/02/2021

ULR NO.:TC766921000000301F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 29/01/2021, 30/01/2021 TO 04/02/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	29/01/21	Stack attached to DG Set 1500 KVA - 1	47.0
ii)		Stack attached to DG Set 1500 KVA -2	50.3
iii)	30/01/21	Stack attached to DG Set 1500 KVA -3	51.7
iv)		Stack attached to DG Set 1500 KVA -4	50.8

Method of analysis: IS 11255 Part-III : 2008 RA

Emission Standards :

Parameter	Standards
Particulate Matter	75 mg/Nm ³


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East - Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----

**TEST REPORT****STACK ANALYSIS REPORT**

Rep.No. SAR_12040009_02_733/437

SAMPLE ID: EETNE/JAN/21/21

Date: 04/02/2021

ULR NO.: TC766921000000301F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 29/01/2021 TO 04/02/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	29/01/2021	Stack attached to Cement Mill	20.2

Method of analysis: IS 11255 Part-III : 2008 RA

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
- Bag filter is attached to Cement mill.
-Necessary replacement of filters has been done.

Emission Standards :

Parameter	Standards
Particulate Matter	30mg/Nm ³


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



AMBIENT AIR ANALYSIS REPORT

Rep.No. AAAR_12040009_01_690/431
SAMPLE ID: EETNE/FEB/17/21

TEST REPORT

Date: 23/02/2021
ULR NO.:TC766921000000318F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 18/02/2021, 19/02/2021 TO 23/02/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)
i)	18/02/21	Near Highways & Truck Parking	Clear	56.2	37.2	13.9	4.0
ii)		Near Workshop & Staff Quarter		45.7	32.2	14.2	5.2
iii)	19/02/21	Near Switch Yard		49.8	32.7	12.9	5.9
iv)		Near Truck Tippler		58.1	38.3	13.2	4.7

Remarks: - Samplings were done under annual based.

NATIONAL AMBIENT AIR QUALITY STANDARDS:

Sl. No.	Pollutant	Test Method	Time Average	Weighted	Concentration in Ambient Air Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide (SO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-II/ CPCB	Annual		50
2	Nitrogen Dioxide (NO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-VI/ CPCB	Annual	24 hours	80
3	Particulate Matter (PM ₁₀), $\mu\text{g}/\text{m}^3$	IS:5182 Part-XXIII/ CPCB	Annual	24 hours	80
4	Particulate Matter (PM _{2.5}), $\mu\text{g}/\text{m}^3$	USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I	Annual	24 hours	100
				24 hours	60

Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



Recognized by Pollution Control Board, Assam

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Certificate No. TC-7669

FUGITIVE EMISSION ANALYSIS REPORTRep.No. 210223_12040009_04_691 /431
SAMPLE ID: EETNE/FEB/17/21Date: 23/02/2021
ULR NO.: TC766921000000318F**Name & Address:**M/s. Topcem India
Gauripur, North Guwahati,
Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)	18/02/21	Near Main Gate	1022	-Water spraying is done to control the fugitive emission.
ii)		Near Fly Ash Yard	980.10	
iii)		Near Packing Loading Area	1492.05	
iv)	19/02/21	Near Packing Area	1320	-All materials are stored in closed sheds to mitigate fugitive emission.
v)		Near Bag Filter	490.13	
vi)		Near Truck Tippler	1059.26	


Utpal Bezbaruah
(Environmental Chemist)

For Enviro Enviro Technologies North East, Guwahati

Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----

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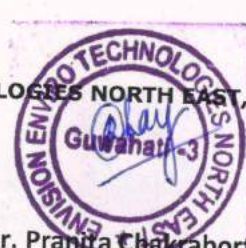
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TEST REPORT**D.G SET NOISE LEVEL MEASUREMENT REPORT**Rep.No. DGNLMR_12040009_06A_692/431
SAMPLE ID: EETNE/FEB/17/21Date: 23/02/2021
ULR NO.:TC766921000000318F**Issued to:** M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Pressure Level of DG in dB(A) Leq
i)	18/02/21	1500 KVA - DG Set 1	57.3	70.4	70.18
ii)		1500 KVA - DG Set 2	57	70.5	70.30
iii)	19/02/21	1500 KVA - DG Set 3	57	70.6	70.40
iv)		1500 KVA - DG Set 4	57	70.3	70.09

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.**Method of analysis :** IS 4758 : 1968 RA : 2017**Sampling Instrument Used :** Lutron SL-4033SD, HTC SL 1350**DG Set Noise Standards:** Noise limit viz. 75 dB(A) at 1m distance.

FOR ENVISION ENVIRO TECHNOLOGIES NORTH EAST, GUWAHATI


Utpal Bezbaruah
(Environmental Chemist)
Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----



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Certificate No. TC-7669

TEST REPORT

STACK ANALYSIS REPORT

Rep.No. SAR_12040009_02_693/431

SAMPLE ID: EETNE/FEB/17/21

Date: 23/02/2021

ULR NO.: TC766921000000318F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 18/02/2021, 19/02/2021 TO 23/02/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS
i)	18/02/21	Stack attached to DG Set 1500 KVA - 1	Particulate Matter (mg/Nm ³)
ii)		Stack attached to DG Set 1500 KVA -2	46.1
iii)	19/02/21	Stack attached to DG Set 1500 KVA -3	48.2
iv)		Stack attached to DG Set 1500 KVA -4	50.9
			48.7

Method of analysis: IS 11255 Part-III : 2008 RA

Emission Standards :

Parameter	Standards
Particulate Matter	75 mg/Nm ³

Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati

Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR_12040009_06A_694/424
SAMPLE ID: EETNE/FEB/17/21

Date: 23/02/2021
ULR NO.:TC766921000000318F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	19/02/21	Near Highway & Truck Parking	69.0
ii)		Near Workshop & Staff Quarter	54.3
iii)	18/02/21	Near Packing Plant	64.8
iv)		Near Cement Mill	72.7

Remarks: Noise level is carried out during 75% of the Day Time and Night Time.
Method of analysis : IS : 9989 :1981 RA:2014
Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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-----END OF REPORT-----

**TEST REPORT****STACK ANALYSIS REPORT**Rep.No. SAR_12040009_02_695/431
SAMPLE ID: EETNE/FEB/17/21Date: 23/02/2021
ULR NO.:TC766921000000318F**Issued to:** M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 18/02/2021 TO 23/02/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	18/02/2021	Stack attached to Cement Mill	17.4

Method of analysis: IS 11255 Part-III : 2008 RA

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
- Bag filter is attached to Cement mill.
-Necessary replacement of filters has been done.

Emission Standards :

Parameter	Standards
Particulate Matter	30mg/Nm ³


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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Certificate No. TC-7669

TEST REPORT

AMBIENT AIR ANALYSIS REPORT

Rep.No. AAAR_12040009_01_756/470
SAMPLE ID: EETNE/MAR/10/21

Date: 18/03/2021
ULR NO.:TC766921000000335F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 11/03/2021, 12/03/2021 TO 18/03/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)
i)	11/03/21	Near Highways & Truck Parking	Clear	54.9	32.5	19.6	8.8
ii)		Near Workshop & Staff Quarter		48.6	29.7	15.5	6.7
iii)	12/03/21	Near Switch Yard		51.2	30.1	17.4	8.2
iv)		Near Truck Tippler		57.7	34.8	21.9	9.3

Remarks: - Samplings were done under annual based.

NATIONAL AMBIENT AIR QUALITY STANDARDS:

Sl. No.	Pollutant	Test Method	Time Average	Weighted	Concentration in Ambient Air Industrial, Residential, Rural and Other Area
1	Sulphur Dioxide (SO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-II/CPCB	Annual		50
				24 hours	80
2	Nitrogen Dioxide (NO ₂), $\mu\text{g}/\text{m}^3$	IS:5182 Part-VI/CPCB	Annual		40
				24 hours	80
3	Particulate Matter (PM ₁₀), $\mu\text{g}/\text{m}^3$	IS:5182 Part-XXIII/ CPCB	Annual		60
				24 hours	100
4	Particulate Matter (PM _{2.5}), $\mu\text{g}/\text{m}^3$	USEPA FRM 40CFR Part 50, 53 Appendix- L FEM Candidate Method-I	Annual		40
				24 hours	60

Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

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Recognized by Pollution Control Board, Assam

TEST REPORT**D.G SET NOISE LEVEL MEASUREMENT REPORT**Rep.No. DGNLMR_12040009_06A_757/470
SAMPLE ID: EETNE/MAR/10/21Date: 18/03/2021
ULR NO.:TC766921000000335F**Issued to:** M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	DG Background Noise	Measured Sound	Actual Sound Pressure Level of DG in dB(A) Leq
i)	11/03/21	1500 KVA - DG Set 1	57.5	73.	73.06
ii)		1500 KVA - DG Set 2	57	71.4	71.37
iii)	12/03/21	1500 KVA - DG Set 3	57.6	70.8	70.58
iv)		1500 KVA - DG Set 4	58.3	71.2	70.97

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.**Method of analysis :** IS 4758 : 1968 RA : 2017**Sampling Instrument Used :** Lutron SL-4033SD, HTC SL 1350**DG Set Noise Standards:** Noise limit viz. 75 dB(A) at 1m distance.

FOR ENVISION ENVIRO TECHNOLOGIES NORTH EAST, GUWAHATI

Utpal Bezbaruah
(Environmental Chemist)Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)Note: i) The results relate only to the parameters tested.
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-----END OF REPORT-----



Recognized by Pollution Control Board, Assam

TEST REPORT

FUGITIVE EMISSION ANALYSIS REPORT

Rep.No. 210318_12040009_04_758/470
SAMPLE ID: EETNE/MAR/10/21

Date: 18/03/2021
ULR NO.:TC766921000000335F

Name & Address:

M/s. Topcem India
Gauripur, North Guwahati,
Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)	11/03/21	Near Main Gate	1037.26	-Water spraying is done to control the fugitive emission.
ii)		Near Fly Ash Yard	994.51	
iii)		Near Packing Loading Area	1487.3	
iv)	12/03/21	Near Packing Area	1332	-All materials are stored in closed sheds to mitigate fugitive emission.
v)		Near Bag Filter	507.2	
vi)		Near Truck Tippler	1088	

For Envision Enviro Technologies North East, Guwahati


Utpal Bezbaruah
(Environmental Chemist)



Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

Note: i) The results relate only to the parameters tested.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----



Recognized by Pollution Control Board, Assam

TEST REPORT

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. ANLMR_12040009_06A_759/470
SAMPLE ID: EETNE/MAR/10/21

Date: 18/03/2021
ULR NO.:TC766921000000335F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	12/03/21	Near Highway & Truck Parking	67.5
ii)		Near Workshop & Staff Quarter	53.1
iii)	11/03/21	Near Packing Plant	63.9
iv)		Near Cement Mill	71.8

Remarks: Noise level is carried out during 75% of the Day Time and Night Time.
Method of analysis : IS : 9989 :1981 RA:2014
Sampling Instrument Used : Lutron SL-4033SD, HTC SL 1350

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40


Utpal Bezbaruah
(Environmental Chemist)

For Envision Enviro Technologies North East, Guwahati


Dr. Pramita Chakraborty
(Quality Manager)
(Authorized Signatory)

Note: i) The results relate only to the parameters tested.
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-----END OF REPORT-----

**NABL ACCREDITED**

Certificate No. TC-7669

TEST REPORT**STACK ANALYSIS REPORT**

Rep.No. SAR_12040009_02_760/470

SAMPLE ID: EETNE/MAR/10/21

Date: 18/03/2021

ULR NO.:TC766921000000335F

Issued to: M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 11/03/2021, 12/03/2021 TO 18/03/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

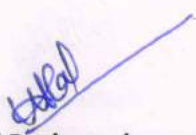
SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	11/03/21	Stack attached to DG Set 1500 KVA - 1	49.3
ii)		Stack attached to DG Set 1500 KVA -2	51.6
iii)	12/03/21	Stack attached to DG Set 1500 KVA -3	55.2
iv)		Stack attached to DG Set 1500 KVA -4	53.0

Method of analysis: IS 11255 Part-III : 2008 RA

Emission Standards :

Parameter	Standards
Particulate Matter	75 mg/Nm ³

For Envision Enviro Technologies North East, Guwahati


Utpal Bezbaruah
(Environmental Chemist)


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

Note: i) The results relate only to the parameters tested.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----



Recognized by Pollution Control Board, Assam

NABL ACCREDITED

Certificate No. TC-7669

TEST REPORT**STACK ANALYSIS REPORT**Rep.No. SAR_12040009_02_761/470
SAMPLE ID: EETNE/MAR/10/21Date: 18/03/2021
ULR NO.:TC766921000000335F**Issued to:** M/s. Topcem India, Gauripur, North Guwahati, Dist: Kamrup(R), Assam.

Sample Drawn By : UTPAL BEZBARUAH
Sampling Plan & Procedure : EETNE/SOP/01
Analysis Duration : 11/03/2021 TO 18/03/2021
Sampling Instrument Used : AMBIENT AIR SAMPLER/RDS
Pollution Control Device, if any : YES

SL. NO.	DATE	STACK DESCRIPTION	PARAMETERS
			Particulate Matter (mg/Nm ³)
i)	11/03/2021	Stack attached to Cement Mill	19.5

Method of analysis: IS 11255 Part-III : 2008 RA

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
- Bag filter is attached to Cement mill.
-Necessary replacement of filters has been done.

Emission Standards :

Parameter	Standards
Particulate Matter	30mg/Nm ³


Utpal Bezbaruah
(Environmental Chemist)

For Enviro Technologies North East, Guwahati


Dr. Pranita Chakraborty
(Quality Manager)
(Authorized Signatory)

Note: i) The results relate only to the parameters tested.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.

-----END OF REPORT-----

Annexure-III

Details of Bag filter attached



**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
THE PERIOD OCTOBER'2020 TO MARCH'2021**

Annexure-III

BAG FILTER DETAIL

Sl No	Details		
1	BAG FILTER LOCATION	TRUCK TRIPPLER	
	BAG FILTER CODE	491 BF1	
	BAG LENGTH	3660 MM	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	72 NOS	
	FLOW CAPACITY	10000 (AM ³ /HR)	
	NO OF CHAMBER	2 NOS	
2	BAG FILTER LOCATION	TRUCK TRIPPLER	
	BAG FILTER CODE	491 BF2	
	BAG LENGTH	3660 MM	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	72 NOS	
	FLOW CAPACITY	10000 (AM ³ /HR)	
	NO OF CHAMBER	2 NOS	
3	BAG FILTER LOCATION	CLINKER STORAGE SILO TOP.	
	BAG FILTER CODE	491 BF3	
	BAG LENGTH	3660 MM	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	60 NOS	
	FLOW CAPACITY	8000 (AM ³ /HR)	
	NO OF CHAMBER	2 NOS	
4	BAG FILTER LOCATION	CLINKER EXTRACTION BELT CONVEYOR 511 BC3	
	BAG FILTER CODE	511 BF1	
	BAG LENGTH	3660 MM.	
	BAG DIA	160Ø.	
	TOTAL NO OF BAGS	96 NOS.	
	FLOW CAPACITY	12000 (AM ³ /HR)	
	NO OF CHAMBER	3 NOS	
5	BAG FILTER LOCATION	GYPSUM STORAGE SHED.	
	BAG FILTER CODE	K21 BF1	
	BAG LENGTH	3660 MM.	
	BAG DIA	160Ø	

	TOTAL NO OF BAGS		36 NOS.	
	FLOW CAPACITY		5000 (AM ³ /HR)	
	NO OF CHAMBER		2 NOS	
6	BAG FILTER LOCATION		GYPSUM CRUSHER HOUSE.	
	BAG FILTER CODE		K21 BF2	
	BAG LENGTH		3660 MM.	
	BAG DIA		160Ø	
	TOTAL NO OF BAGS		72 NOS.	
	FLOW CAPACITY		10000 (AM ³ /HR)	
	NO OF CHAMBER		2 NOS	
7	BAG FILTER LOCATION		CEMENT MILL HOPPER.	
	BAG FILTER CODE		531 BF1	
	BAG LENGTH		3660 MM.	
	BAG DIA		160Ø	
	TOTAL NO OF BAGS		112 NOS.	
	FLOW CAPACITY		15000 (AM ³ /HR)	
	NO OF CHAMBER		3 NOS	
8	BAG FILTER LOCATION		CEMENT MILL HOPPER WEIGH FEEDER.	
	BAG FILTER CODE		531 BF2	
	BAG LENGTH		3660 MM.	
	BAG DIA		160Ø	
	TOTAL NO OF BAGS		112 NOS.	
	FLOW CAPACITY		15000 (AM ³ /HR)	
	NO OF CHAMBER		3 NOS	
9	BAG FILTER LOCATION		CEMENT MILL HOUSE.	
	BAG FILTER CODE		561 BF2	
	BAG LENGTH		3660 MM.	
	BAG DIA		160Ø	
	TOTAL NO OF BAGS		112 NOS.	
	FLOW CAPACITY		15000 (AM ³ /HR)	
	NO OF CHAMBER		3 NOS	
10	BAG FILTER LOCATION		CEMENT MILL HOUSE.	
	BAG FILTER CODE		561 BF1	
	BAG LENGTH		3665 MM.	
	BAG DIA		149Ø	
	TOTAL NO OF BAGS		396 NOS.	
	FLOW CAPACITY		41000 (AM ³ /HR)	
	NO OF CHAMBER		33	
11	BAG FILTER LOCATION		STEEL SILO TOP.	
	BAG FILTER CODE		591 BF3	

	BAG LENGTH	3660 MM.
	BAG DIA	160Ø
	TOTAL NO OF BAGS	36 NOS.
	FLOW CAPACITY	5000 (AM ³ /HR)
	NO OF CHAMBER	2 NOS
12	BAG FILTER LOCATION	RCC CEMENT SILO TOP.
	BAG FILTER CODE	591BF1
	BAG LENGTH	3660 MM.
	BAG DIA	160Ø
	TOTAL NO OF BAGS	60 NOS.
	FLOW CAPACITY	7500 (AM ³ /HR)
	NO OF CHAMBER	2 NOS
13	BAG FILTER LOCATION	SILO EXTRACTION AIR SLIDE DEDUSTING
	BAG FILTER CODE	611 BF1
	BAG LENGTH	3660 MM.
	BAG DIA	160Ø
	TOTAL NO OF BAGS	36 NOS.
	FLOW CAPACITY	5000 (AM ³ /HR)
	NO OF CHAMBER	2 NOS
14	BAG FILTER LOCATION	PACKING FEED AIR SLIDE DEDUSTING
	BAG FILTER CODE	611 BF3
	BAG LENGTH	3660 MM.
	BAG DIA	160Ø
	TOTAL NO OF BAGS	36 NOS.
	FLOW CAPACITY	5000 (AM ³ /HR)
	NO OF CHAMBER	2 NOS
15	BAG FILTER LOCATION	PACKING FEED AIR SLIDE DEDUSTING
	BAG FILTER CODE	611 BF4
	BAG LENGTH	3660 MM.
	BAG DIA	160Ø
	TOTAL NO OF BAGS	36 NOS.
	FLOW CAPACITY	5000 (AM ³ /HR)
	NO OF CHAMBER	2 NOS
16	BAG FILTER LOCATION	PACKER DEDUSTING
	BAG FILTER CODE	661 BF1
	BAG LENGTH	3660 MM.
	BAG DIA	160Ø
	TOTAL NO OF BAGS	96 NOS.
	FLOW CAPACITY	12000 (AM ³ /HR)
	NO OF CHAMBER	3 NOS
17	BAG FILTER LOCATION	PACKER DEDUSTING

	BAG FILTER CODE	661 BF2	
	BAG LENGTH	3660 MM.	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	144 NOS.	
	FLOW CAPACITY	20000 (AM ³ /HR)	
	NO OF CHAMBER	4 NOS	
18	BAG FILTER LOCATION	PACKER DEDUSTING	
	BAG FILTER CODE	662 BF1	
	BAG LENGTH	3660 MM.	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	96 NOS.	
	FLOW CAPACITY	12000 (AM ³ /HR)	
	NO OF CHAMBER	3 NOS	
19	BAG FILTER LOCATION	PACKER DEDUSTING	
	BAG FILTER CODE	662 BF2	
	BAG LENGTH	3660 MM.	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	144 NOS.	
	FLOW CAPACITY	20000 (AM ³ /HR)	
	NO OF CHAMBER	4 NOS	
20	BAG FILTER LOCATION	SFM BIN DEDUSTING	
	BAG FILTER CODE	541BF2	
	BAG LENGTH	1000MM	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	16 NOS	
	FLOW CAPACITY	250 (AM ³ /HR)	
	NO OF CHAMBER	1 NO	
21	BAG FILTER LOCATION	FLYASH STEEL SILO	
	BAG FILTER CODE	541BF1	
	BAG LENGTH	3660 MM.	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	36 NOS.	
	FLOW CAPACITY	7500 (AM ³ /HR)	
22	BAG FILTER LOCATION	FLYASH STEEL SILO	
	BAG FILTER CODE	541BF2	
	BAG LENGTH	1500 MM	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	18 NOS.	
	FLOW CAPACITY	600 (AM ³ /HR)	
23	BAG FILTER LOCATION	STEEL SILO NO 2	
	BAG FILTER CODE	Bulker Loading Bagfilter	

	BAG LENGTH	1500 mm	
	BAG DIA	160Ø	
	TOTAL NO OF BAGS	16 NO'S	
	FLOW CAPACITY	500 (AM ³ /HR)	

M/S TOPCEM INDIA							In house testing of PM2.5 at Truck movement area
PUC VEHICLE MOVEMENT WITHIN PLANT DATA							
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA			
				CO%	HC(ppm)	SD(HSU)	
	1-Oct-20	5	AS01DD-1278	-	-	57.68	25.52
	1-Oct-20		AS-01EC-0135	-	-	51.86	
	1-Oct-20		AS-25B-4033	-	-	42.82	
	1-Oct-20		AS-01CC-1941	-	-	47.53	
	1-Oct-20		AS-01EC-9476	-	-	47.53	
	2-Oct-20	4	NL-01K-1761	-	-	42.82	
	2-Oct-20		AS-01DC-9732	-	-	55.82	
	2-Oct-20		AS01CC-8496	-	-	61.17	
	2-Oct-20		AP-07TJ-0369	-	-	57.68	
	3-Oct-20	3	RJ18GA-2905	-	-	51.86	
	3-Oct-20		NL01D-3840	-	-	30.20	
	3-Oct-20		AS01GC-9009	-	-	30.20	
	4-Oct-20	4	AS-01CC-4331	-	-	51.06	
	4-Oct-20		AP-16TJ-0186	-	-	30.20	
	4-Oct-20		AS01DC-9737	-	-	47.53	
	4-Oct-20		AS01DC-9345	-	-	46.30	
	5-Oct-20	4	AS01DC-9632	-	-	33.60	
	5-Oct-20		AS01BC-7588	-	-	13.50	
	5-Oct-20		AS01BC-0055	-	-	38.20	
	5-Oct-20		AP16TH-7677	-	-	57.33	
	6-Oct-20	5	AS-01FC-7312	-	-	57.68	
	6-Oct-20		AS-01EC-9286	-	-	49.50	
	6-Oct-20		AS01DC-9737	-	-	52.10	
	6-Oct-20		AS01GC-6651	-	-	57.68	
	6-Oct-20		AS-01GC-5842	-	-	11.06	
	7-Oct-20	4	AS-01FC-9906	-	-	38.20	
	7-Oct-20		AS-01EC-6272	-	-	33.66	
	7-Oct-20		AS-01EC-0659	-	-	47.53	
	7-Oct-20		AS-01DD-5535	-	-	40.66	
	8-Oct-20	3	AS-01DD-5213	-	-	38.20	
	8-Oct-20		AS-01DC-1525	-	-	33.25	
	8-Oct-20		AS-01AC-8113	-	-	61.80	
	9-Oct-20	3	PB-65X-7514	-	-	61.17	
	9-Oct-20		NL-01L-0365	-	-	21.30	
	9-Oct-20		AS-01GC-0155	-	-	45.90	
	10-Oct-20	4	AS01DC-4326	-	-	17.00	
	10-Oct-20		AS01BC-2781	-	-	62.70	
	10-Oct-20		AS01BC-1099	-	-	31.00	
	10-Oct-20		AS01AC-9441	-	-	53.20	
	11-Oct-20	5	AS01DC-7709	-	-	30.20	
	11-Oct-20		AS-01AC-6411	-	-	61.80	
	11-Oct-20		NL-01Q-8581	-	-	38.20	
	11-Oct-20		NL-01Q-4612	-	-	61.17	
	11-Oct-20		NL01N-4249	-	-	30.20	
	12-Oct-20	4	AS-25CC-3200	-	-	47.53	
	12-Oct-20		AS-01HC-1683	-	-	30.20	
	12-Oct-20		AS-01GC-6392	-	-	30.20	
	12-Oct-20		AS-01DD-3086	-	-	45.80	
	13-Oct-20	2	AS-01DC-9791	-	-	47.20	
	13-Oct-20		AS01FC-0129	-	-	49.50	
	14-Oct-20	6	AS01EC-7849	-	-	23.40	
	14-Oct-20		AS-01EC-0373	-	-	61.20	
	14-Oct-20		AS01FC-9437	-	-	47.53	
	14-Oct-20		AS-01BC-2351	-	-	45.10	
	14-Oct-20		AS01DC-0789	-	-	55.10	
	14-Oct-20		AS-01DD-1299	-	-	51.86	

Oct-20	15-Oct-20		AS-01BC-0799	-	-	22.66	28.12
	15-Oct-20		AS01CC-4259	-	-	15.70	
	15-Oct-20		AS-01CC-7239	-	-	53.20	
	15-Oct-20	4	AS-01C-3151	-	-	47.53	
	16-Oct-20		AS-01C-9075	-	-	29.87	
	16-Oct-20		AS01CC-2590	-	-	23.40	
	16-Oct-20	3	AS-01EC-0657	-	-	44.28	
	17-Oct-20		NL01K-7665	-	-	61.17	
	17-Oct-20		NL02N-0433	-	-	61.12	
	17-Oct-20		AS-01AC-0911	-	-	61.17	
	17-Oct-20	4	AS-01CC-1537	-	-	40.70	
	18-Oct-20		AS-01CC-1537	-	-	30.20	
	18-Oct-20		AS01CC-2590	-	-	30.20	
	18-Oct-20		AS-01FC-6961	-	-	38.90	
	18-Oct-20	4	AS-01GC-8485	-	-	15.90	
	19-Oct-20		NL01K-8714	-	-	36.30	
	19-Oct-20		AS-01AC-8642	-	-	22.60	
	19-Oct-20		AS01DD-2058	-	-	29.40	
	19-Oct-20	4	AS01AC-5159	-	-	32.40	
	20-Oct-20		AS-01BC-4537	-	-	41.10	
	20-Oct-20		AS01DD-1335	-	-	26.80	
	20-Oct-20	3	AS-01DD-2155	-	-	27.10	
	21-Oct-20		AS-01AC-6499	-	-	30.10	
	21-Oct-20		AS-01BC-2351	-	-	23.60	
	21-Oct-20		AS01FC-9437	-	-	42.10	
	21-Oct-20	4	AS-01EC-0373	-	-	56.10	
	22-Oct-20		AS01EC-7849	-	-	59.10	
	22-Oct-20		AS01FC-0129	-	-	28.10	
	22-Oct-20		AS-01DC-9791	-	-	16.40	
	22-Oct-20		AS-01DD-3086	-	-	28.11	
	22-Oct-20	5	AS-01GC-6392	-	-	42.10	
	23-Oct-20		AS-01HC-1683	-	-	56.00	
	23-Oct-20		AS-25CC-3200	-	-	47.53	
	23-Oct-20		NL01N-4249	-	-	35.85	
	23-Oct-20	4	NL-01Q-4612	-	-	38.20	
	24-Oct-20		NL-01Q-8581	-	-	33.25	
	24-Oct-20		AS-01AC-6411	-	-	54.80	
	24-Oct-20		AS01DC-7709	-	-	47.53	
	24-Oct-20	4	AS01AC-9441	-	-	55.82	
	25-Oct-20		AS01BC-1099	-	-	15.60	
	25-Oct-20	2	AS01BC-2781	-	-	30.20	
	26-Oct-20		AS01DC-4326	-	-	42.82	
	26-Oct-20		AS-01GC-0155	-	-	23.40	
	26-Oct-20	3	NL-01L-0365	-	-	4.50	
	27-Oct-20		PB-65X-7514	-	-	47.53	
	27-Oct-20		AS0-1BC-6598	-	-	30.00	
	27-Oct-20		AS-01AC-8113	-	-	24.60	
	27-Oct-20		AS-01DC-1525	-	-	43.80	
	27-Oct-20	5	AS-01DD-5213	-	-	61.80	
	28-Oct-20		AS-01DD-5535	-	-	38.20	
	28-Oct-20		AS-01EC-0659	-	-	33.50	
	28-Oct-20		AS-01EC-6272	-	-	26.90	
	28-Oct-20		AS-01FC-9906	-	-	16.80	
	28-Oct-20	5	AS-01GC-5842	-	-	42.40	
	29-Oct-20		AS01GC-6651	-	-	33.80	
	29-Oct-20		AS01DC-9737	-	-	39.40	
	29-Oct-20		AS-01DD-5271	-	-	33.40	
	29-Oct-20	4	AS-01EC-9286	-	-	41.60	
	30-Oct-20		AS-01FC-7312	-	-	44.20	
	30-Oct-20		AP-16TG-0877	-	-	42.68	
	30-Oct-20	3	AP16TH-7677	-	-	29.87	
	31-Oct-20		AS01BC-0055	-	-	47.53	
	31-Oct-20		AS01DC-6357	-	-	19.50	
	31-Oct-20		AS01EC-0703	-	-	22.60	
	31-Oct-20	4	AS01BC-7588	-	-	51.60	

28.5

M/S TOPCEM INDIA							In house testing of PM2.5 at Truck µgm/m3
PUC VEHICLE MOVEMENT WITHIN PLANT DATA							
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA			
				CO%	HC(ppm)	SD(HSU)	
Nov-20	1-Nov-20	5	AS01DD-1335	-	-	42.10	30.6
	1-Nov-20		AS-01BC-4537	-	-	43.20	
	1-Nov-20		AS-01EC-4737	-	-	56.20	
	1-Nov-20		NL01K-8714	-	-	32.60	
	1-Nov-20		AS-01AC-0911	-	-	32.60	
	2-Nov-20	4	AS-01EC-0657	-	-	36.40	
	2-Nov-20		AS-01C-3151	-	-	42.10	
	2-Nov-20		AS01CC-4259	-	-	46.10	
	2-Nov-20		AS-01DD-2557	-	-	32.10	
	3-Nov-20	3	AS-01DD-1299	-	-	26.10	
	3-Nov-20		AS01BC-1055	-	-	42.86	
	3-Nov-20		AP28TE-6225	-	-	26.90	
	4-Nov-20	4	AS-01FC-6225	-	-	16.80	
	4-Nov-20		AS01CC-8579	-	-	42.40	
	4-Nov-20		TR01AB-1622	-	-	33.80	
	4-Nov-20		AS-01GC-8855	-	-	39.40	
	5-Nov-20	5	AS-01EC-0135	-	-	33.40	
	5-Nov-20		AS-01AC-7071	-	-	41.60	
	5-Nov-20		NL-01K-1761	-	-	44.20	
	5-Nov-20		AS-01DC-9732	-	-	61.50	
	5-Nov-20		AS-01AC-7071	-	-	55.10	
	6-Nov-20	5	RJ18GA-2905	-	-	34.20	
	6-Nov-20		AS01GC-9009	-	-	27.80	
	6-Nov-20		AS01EC-2197	-	-	40.60	
	6-Nov-20		AS-01CC-4061	-	-	48.80	
	6-Nov-20		AS01DC-9723	-	-	38.90	
	7-Nov-20	4	AS01DC-9345	-	-	38.60	
	7-Nov-20		AS01BC-7588	-	-	41.20	
	7-Nov-20		AS-01EC-2197	-	-	39.60	
	7-Nov-20		AS-01FC-7312	-	-	37.60	
	8-Nov-20	3	AS01GC-6651	-	-	42.30	31.22
	8-Nov-20		AS-01EC-6272	-	-	26.20	
	8-Nov-20		AS-01DD-5213	-	-	52.20	
	9-Nov-20	4	AS0-1BC-6598	-	-	53.40	
	9-Nov-20		NL-01L-0365	-	-	26.20	
	9-Nov-20		AS01BC-2781	-	-	42.10	
	9-Nov-20	4	NL-01Q-8581	-	-	45.70	
	10-Nov-20		AS-25CC-3200	-	-	36.90	
	10-Nov-20		AS-01GC-6392	-	-	51.80	
	10-Nov-20		AS01FC-0129	-	-	49.20	
	10-Nov-20		AS01FC-9437	-	-	48.10	
	11-Nov-20	4	AS-01AC-2395	-	-	38.90	
	11-Nov-20		AS01DC-9309	-	-	15.90	
	11-Nov-20		AP-16TJ-0186	-	-	36.30	
	11-Nov-20		AS01EC-2197	-	-	41.20	
	12-Nov-20	3	RJ18GA-2905	-	-	22.60	
	12-Nov-20		AS01CC-8496	-	-	29.40	
	12-Nov-20		AS-01CC-7667	-	-	32.40	
	13-Nov-20	4	UP32DN-4494	-	-	41.10	
	13-Nov-20		AS-01EC-0135	-	-	26.80	
	13-Nov-20		AS01CC-8496	-	-	27.10	
	13-Nov-20		AS-01DC-9732	-	-	30.10	
	14-Nov-20	4	AS-01CC-7667	-	-	23.60	
	14-Nov-20		AS-01FC-5275	-	-	42.10	
	14-Nov-20		NL-01K-1761	-	-	56.10	
	14-Nov-20		AS-01AC-7071	-	-	59.10	
	15-Nov-20	4	TR-01K-1728	-	-	28.10	
	15-Nov-20		AS-01GC-8855	-	-	36.40	
	15-Nov-20		TR01AB-1622	-	-	28.11	
	15-Nov-20		AS01CC-8579	-	-	42.10	
	16-Nov-20	4	AS-01EC-9476	-	-	56.00	
	16-Nov-20		AS-01FC-6225	-	-	32.00	
	16-Nov-20		AS-01FC-7429	-	-	36.10	
	16-Nov-20		AP28TE-6224	-	-	28.00	
	17-Nov-20	3	AS-01DD-0747	-	-	49.80	
	17-Nov-20		AS-01EC-2678	-	-	40.60	
	17-Nov-20		AS-01EC-9417	-	-	48.80	
	18-Nov-20		AS01BC-1055	-	-	38.90	

18-Nov-20		AS01DC-0789	-	-	38.60	
18-Nov-20		AS-01DD-2557	-	-	41.20	
18-Nov-20	4	AS01CC-4259	-	-	39.60	
19-Nov-20		AS-01C-3151	-	-	33.30	
19-Nov-20		AS-01EC-0657	-	-	37.10	
19-Nov-20		NL02N-0433	-	-	56.20	
19-Nov-20	4	NL01K-7665	-	-	32.60	
20-Nov-20		AS-01AC-0911	-	-	36.10	
20-Nov-20		AS01CC-2590	-	-	28.10	
20-Nov-20		AS-01FC-6961	-	-	37.10	
20-Nov-20	4	NL01K-8714	-	-	44.10	
21-Nov-20		AS01DD-2058	-	-	56.10	
21-Nov-20		AS-01DD-9886	-	-	60.80	
21-Nov-20		AS01AC-5159			61.40	
21-Nov-20	4	AS-01AC-7021			35.40	29.22
22-Nov-20		AS01BC-2351	-	-	28.10	
22-Nov-20		AS-01BC-4537	-	-	36.10	
22-Nov-20		AS01DD-1335	-	-	46.10	
22-Nov-20		AS-01DD-2155	-	-	56.10	
22-Nov-20	5	AS-01FC-9731	-	-	28.10	
23-Nov-20		AS-01BC-2351	-	-	29.30	
23-Nov-20		AS-01EC-0373	-	-	30.40	
23-Nov-20		AS01FC-0129	-	-	29.10	
23-Nov-20	4	AS-01DC-9791	-	-	33.40	
24-Nov-20		AS-25CC-3200	-	-	50.10	
24-Nov-20		NL-01Q-8581	-	-	32.70	
24-Nov-20		AS01AC-9441	-	-	47.10	
24-Nov-20	4	AS01BC-2781	-	-	29.10	
25-Nov-20		AS-01GC-0155	-	-	30.10	
25-Nov-20		NL-01L-0365	-	-	28.10	
25-Nov-20		AS-01AC-8113	-	-	16.60	
25-Nov-20	4	AS-01DC-1525	-	-	28.10	
26-Nov-20		AS-01DD-5213	-	-	26.40	
26-Nov-20		AS-01FC-9906	-	-	28.40	
26-Nov-20		AS-01EC-9286	-	-	61.70	
26-Nov-20	4	AP16TH-7677	-	-	23.40	
27-Nov-20		AS01DD-9576	-	-	17.40	
27-Nov-20		AS01FC-1677	-	-	33.80	
27-Nov-20		AS01DC-9345	-	-	22.40	
27-Nov-20		AS01DC-9309	-	-	45.10	
27-Nov-20	5	AS01DC-9723	-	-	33.40	
28-Nov-20		AP-16TJ-0186	-	-	38.10	
28-Nov-20		AS01GC-5244	-	-	36.10	
28-Nov-20		NL01D-3840	-	-	34.40	
28-Nov-20		AP-07TJ-0369	-	-	38.70	
28-Nov-20	5	AS01CC-8496	-	-	42.40	
29-Nov-20		AS-01DC-9732	-	-	46.10	
29-Nov-20		AS01DD-1278	-	-	45.10	
29-Nov-20		NL-01K-1761	-	-	46.80	
29-Nov-20	4	UP32DN-4494	-	-	28.10	
30-Nov-20		AS-01EC-0373	-	-	47.53	
30-Nov-20		AS01FC-0129	-	-	46.30	
30-Nov-20		AS-01DC-9791	-	-	33.60	
30-Nov-20	4	AS-25CC-3200	-	-	13.50	30.45

M/S TOPCEM INDIA							
PUC VEHICLE MOVEMENT WITHIN PLANT DATA							In house testing of
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA			PM2.5 at Truck
				CO%	HC(ppm)	SD(HSU)	µgm/m3
	1-Dec-20	4	AS-01DD-2058	-	-	30.20	30.25
	1-Dec-20		TR01AB-1622	-	-	62.70	
	1-Dec-20		AS-01DD-7187	-	-	53.20	
	1-Dec-20		AS-01FC-7035	-	-	13.50	
	2-Dec-20	4	AP28TE-6224	-	-	13.40	
	2-Dec-20		AS-01DD-5712	-	-	22.60	
	2-Dec-20		AS-01EC-9417	-	-	33.40	
	2-Dec-20		AS01DC-0789	-	-	45.20	
	3-Dec-20	5	AS-01BC-0799	-	-	65.10	
	3-Dec-20		AS01CC-4259	-	-	55.10	
	3-Dec-20		AS-01CC-7239	-	-	51.86	
	3-Dec-20		AS-01C-9075	-	-	22.66	
	3-Dec-20	4	NL01K-7665	-	-	15.70	
	4-Dec-20		NL02N-0433	-	-	53.20	
	4-Dec-20		AS-01AC-0911	-	-	61.60	
	4-Dec-20		AS01CC-2590	-	-	47.53	
	4-Dec-20	5	AS-01AC-8642	-	-	47.53	
	5-Dec-20		AS01DD-2058	-	-	29.87	
	5-Dec-20		AS-01DD-9886	-	-	23.40	
	5-Dec-20		AS-01EC-4737	-	-	44.28	
	5-Dec-20	5	AS-01BC-4537	-	-	61.17	
	5-Dec-20		AS-01FC-9731	-	-	61.12	
	6-Dec-20		AS-01BC-2351	-	-	61.17	
	6-Dec-20		AS01FC-9437	-	-	40.70	
	6-Dec-20	5	AS01EC-7849	-	-	30.20	
	6-Dec-20		AS-01GC-6392	-	-	30.20	
	6-Dec-20		AS-01DD-3086	-	-	56.70	
	7-Dec-20		NL-01Q-4612	-	-	51.06	
	7-Dec-20	4	NL-01Q-8581	-	-	30.20	
	7-Dec-20		AS-01AC-6411	-	-	47.53	
	7-Dec-20		AS01DC-7709	-	-	46.30	
	8-Dec-20		AS01BC-1099	-	-	33.60	
	8-Dec-20	4	AS01BC-2781	-	-	13.50	
	8-Dec-20		NL-01L-0365	-	-	38.20	
	8-Dec-20		PB-65X-7514	-	-	30.00	
	9-Dec-20		AS0-1BC-6598	-	-	61.17	
	9-Dec-20	4	AS-01AC-8113	-	-	57.68	
	9-Dec-20		AS-01DC-1525	-	-	49.50	
	9-Dec-20		AS-01DD-5535	-	-	52.10	
	10-Dec-20		AS-01EC-0659	-	-	57.68	
	10-Dec-20	4	AS-01FC-9906	-	-	11.06	
	10-Dec-20		AS-01GC-5842	-	-	38.20	
	10-Dec-20		AS01GC-6651	-	-	21.30	
	11-Dec-20		AS-01FC-7312	-	-	47.53	
	11-Dec-20	5	AP-16TG-0877	-	-	35.85	
	11-Dec-20		AP16TH-7677	-	-	38.20	
	11-Dec-20		AS01DC-6357	-	-	33.25	
	11-Dec-20		AS-01EC-2197	-	-	57.61	
	12-Dec-20		AS-01AC-2395	-	-	49.50	
	12-Dec-20	4	AS01BC-7588	-	-	54.80	
12-Dec-20	AS-25AC-1255		-	-	51.86		
12-Dec-20	AS-25AC-1256		-	-	22.66		
13-Dec-20	AS-25AC-1257		-	-	15.70		
13-Dec-20	5	AS-25AC-1258	-	-	53.20		
13-Dec-20		AS-25AC-1259	-	-	47.53		
13-Dec-20		AS-25AC-1261	-	-	47.53		
13-Dec-20		AS-25AC-1256	-	-	29.87		
14-Dec-20		AS-25AC-1264	-	-	23.40		
14-Dec-20	5	AS-25AC-1267	-	-	44.28		
14-Dec-20		AS-25AC-1268	-	-	61.17		
14-Dec-20		AS-25AC-1269	-	-	61.12		
14-Dec-20		AS-25AC-1270	-	-	61.17		
15-Dec-20		AS-25AC-1275	-	-	40.70		
15-Dec-20	4	AS-25AC-1251	-	-	30.20		
15-Dec-20		AS-25AC-1268	-	-	30.20		
15-Dec-20		AS-25AC-1265	-	-	56.70		

Dec-20	16-Dec-20		AS01CC-8579	-	-	30.20	
	16-Dec-20		AS01DC-9723	-	-	47.53	
	16-Dec-20		AS01DC-9345	-	-	47.53	
	16-Dec-20	4	AS01BC-7588	-	-	13.50	
	17-Dec-20		AS-01EC-2197	-	-	38.20	
	17-Dec-20		AS-01FC-7312	-	-	30.00	
	17-Dec-20		AS01GC-6651	-	-	61.17	
	17-Dec-20	4	AS-01EC-6272	-	-	57.68	
	18-Dec-20		AS-01DD-5213	-	-	49.50	
	18-Dec-20		AS0-1BC-6598	-	-	52.10	
	18-Dec-20		NL-01L-0365	-	-	57.68	
	18-Dec-20	4	AS01BC-2781	-	-	11.06	
	19-Dec-20		NL-01Q-8581	-	-	38.20	
	19-Dec-20		AS-25CC-3200	-	-	21.30	
	19-Dec-20		AS-01GC-6392	-	-	47.53	
	19-Dec-20	4	AS01FC-0129	-	-	35.85	
	20-Dec-20		AS01FC-9437	-	-	38.20	
	20-Dec-20		AS-01AC-2395	-	-	33.25	
	20-Dec-20		AS01DC-9309	-	-	49.50	
	20-Dec-20		AP-16TJ-0186	-	-	54.80	
	20-Dec-20	5	AS01EC-2197	-	-	47.53	
	21-Dec-20		RJ18GA-2905	-	-	55.82	
	21-Dec-20		AS01CC-8496	-	-	15.60	
	21-Dec-20		AS-01CC-7667	-	-	47.53	
	21-Dec-20	4	UP32DN-4494	-	-	30.20	30.5
	22-Dec-20		AS-25AC-1270	-	-	42.82	
	22-Dec-20		AS-01DD-7187	-	-	23.40	
	22-Dec-20		AS-01FC-7035	-	-	4.50	
	22-Dec-20		AP28TE-6224	-	-	47.53	
	22-Dec-20	5	AS-25AC-1251	-	-	30.00	
	23-Dec-20		AS-25AC-1264	-	-	24.60	
	23-Dec-20		AS-25AC-1267	-	-	43.80	
	23-Dec-20		AS-25AC-1268	-	-	30.20	
	23-Dec-20	4	AS-25AC-1251	-	-	61.17	
	24-Dec-20		AS-25AC-1252	-	-	61.17	
	24-Dec-20		AS-25AC-1253	-	-	42.82	
	24-Dec-20		AS-25AC-1254	-	-	61.17	
	24-Dec-20	4	AP-16TJ-0186	-	-	49.50	
	25-Dec-20		AS01GC-6651	-	-	52.10	
	25-Dec-20		AS-01EC-6272	-	-	57.68	
	25-Dec-20		AS-01DD-5213	-	-	11.06	
	25-Dec-20	4	AS0-1BC-6598	-	-	38.20	
	26-Dec-20		NL-01L-0365	-	-	21.30	
	26-Dec-20		AS01BC-2781	-	-	47.53	
	26-Dec-20		NL-01Q-8581	-	-	35.85	
	26-Dec-20	4	AS-25CC-3200	-	-	15.70	
	27-Dec-20		AS-01GC-6392	-	-	30.20	
	27-Dec-20		AS01FC-0129	-	-	30.20	
	27-Dec-20		AS01FC-9437	-	-	42.82	
	27-Dec-20		AS-01FC-9906	-	-	26.86	
	27-Dec-20	5	AS-01EC-6272	-	-	30.20	
	28-Dec-20		AS01CC-8496	-	-	61.80	
	28-Dec-20		AS-01CC-7667	-	-	61.17	
	28-Dec-20		UP32DN-4494	-	-	21.30	
	28-Dec-20		AS-01EC-0135	-	-	42.82	
	28-Dec-20	5	AS01CC-8496	-	-	45.90	
	29-Dec-20		AS-01DC-9732	-	-	17.00	
	29-Dec-20		AS-01CC-7667	-	-	62.70	
	29-Dec-20		AS-01FC-5275	-	-	31.00	
	29-Dec-20	4	NL-01K-1761	-	-	53.20	
	30-Dec-20		AS-01CC-7667	-	-	30.20	
	30-Dec-20		UP32DN-4494	-	-	61.80	
	30-Dec-20		AS-01EC-0135	-	-	38.20	
	30-Dec-20	4	AS01CC-8496	-	-	3.50	
	31-Dec-20		AS-01DC-9732			61.17	
	31-Dec-20		AS-01CC-7667			30.20	
	31-Dec-20		AS-01FC-5275			47.53	
	31-Dec-20		NL-01K-1761	-	-	30.20	
	31-Dec-20		AS-01AC-7071	-	-	30.20	
	31-Dec-20	6	TR-01K-1728	-	-	45.80	30.18

M/S TOPCEM INDIA							In house testing of PM2.5 at Truck µgm/m3
PUC VEHICLE MOVEMENT WITHIN PLANT DATA							
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA			
				CO%	HC(ppm)	SD(HSU)	
Jan-21	1-Jan-21	5	AS-25AC-1268	-	-	57.68	28.65
	1-Jan-21		AS-25AC-1269	-	-	47.53	
	1-Jan-21		AS-25AC-1270	-	-	57.68	
	1-Jan-21		AS-25AC-1271	-	-	51.86	
	1-Jan-21		AS-25AC-1272	-	-	42.82	
	2-Jan-21	4	AS-25AC-1274	-	-	47.53	
	2-Jan-21		AS-25AC-1275	-	-	61.17	
	2-Jan-21		AS-25AC-1251	-	-	57.68	
	2-Jan-21		AS-25AC-1252	-	-	51.86	
	3-Jan-21	3	AS-25AC-1253	-	-	42.82	
	3-Jan-21		AS-25AC-1254	-	-	47.53	
	3-Jan-21		AS-25AC-1255	-	-	47.53	
	4-Jan-21	4	AS-25AC-1256	-	-	42.82	
	4-Jan-21		AS-25AC-1257	-	-	55.82	
	4-Jan-21		AS-25AC-1258	-	-	61.17	
	4-Jan-21		AS-25AC-1259	-	-	57.68	
	5-Jan-21	5	AS-25AC-1261	-	-	57.68	
	5-Jan-21		AS-25AC-1251	-	-	51.86	
	5-Jan-21		AS-25AC-1264	-	-	30.20	
	5-Jan-21		AS-25AC-1267	-	-	30.20	
	5-Jan-21		AS-25AC-1268	-	-	56.70	
	6-Jan-21	5	AS-25AC-1269	-	-	51.06	
	6-Jan-21		AS-25AC-1270	-	-	30.20	
	6-Jan-21		AS-25AC-1271	-	-	47.53	
	6-Jan-21		AS-25AC-1251	-	-	46.30	
	6-Jan-21		AS-25AC-1268	-	-	33.60	
	7-Jan-21	4	AS-25AC-1265	-	-	13.50	
	7-Jan-21		AS01CC-8579	-	-	38.20	
	7-Jan-21		AS01DC-9723	-	-	57.33	
	7-Jan-21		AS01DC-9345	-	-	57.68	
	8-Jan-21	3	AS01BC-7588	-	-	49.50	
	8-Jan-21		AS-01EC-2197	-	-	52.10	
	8-Jan-21		AS-01FC-7312	-	-	57.68	
	9-Jan-21	4	AS01GC-6651	-	-	11.06	
	9-Jan-21		AS-01EC-6272	-	-	38.20	
	9-Jan-21		AS-01DD-5213	-	-	33.66	
	9-Jan-21	4	AS0-1BC-6598	-	-	47.53	
	10-Jan-21		NL-01L-0365	-	-	40.66	
	10-Jan-21		AS01BC-2781	-	-	38.20	
	10-Jan-21		NL-01Q-8581	-	-	33.25	
	10-Jan-21		AS-25CC-3200	-	-	57.61	
	11-Jan-21	5	AS-01GC-6392	-	-	61.80	
	11-Jan-21		AS01FC-0129	-	-	61.17	
	11-Jan-21		AS01FC-9437	-	-	21.30	
	11-Jan-21		AS-01AC-2395	-	-	42.82	
	11-Jan-21		AS01DC-9309	-	-	45.90	
	12-Jan-21	4	AP-16TJ-0186	-	-	17.00	
	12-Jan-21		AS01EC-2197	-	-	62.70	
	12-Jan-21		RJ18GA-2905	-	-	31.00	
	12-Jan-21		AS01CC-8496	-	-	53.20	
	13-Jan-21	4	AS-01CC-7667	-	-	30.20	
	13-Jan-21		UP32DN-4494	-	-	61.80	
	13-Jan-21		AS-01EC-0135	-	-	38.20	
	13-Jan-21		AS-25AC-1270	-	-	38.10	
	14-Jan-21	5	AS-01DD-7187	-	-	61.17	
	14-Jan-21		AS-01FC-7035	-	-	30.20	
	14-Jan-21		AP28TE-6224	-	-	47.53	
	14-Jan-21		AS-25AC-1251	-	-	30.20	
	14-Jan-21		AS-25AC-1264	-	-	30.20	
	15-Jan-21	4	AS-25AC-1267	-	-	45.80	
	15-Jan-21		AS-25AC-1268	-	-	47.20	
	15-Jan-21		AS-25AC-1251	-	-	49.50	
	15-Jan-21		AS-25AC-1252	-	-	23.40	
	16-Jan-21	4	AS-25AC-1253	-	-	61.20	
	16-Jan-21		AS-25AC-1254	-	-	47.53	
	16-Jan-21		AP-16TJ-0186	-	-	65.10	
	16-Jan-21		AS01DC-9737	-	-	55.10	

17-Jan-21		AS01DC-9345	-	-	51.86	
17-Jan-21		AS01DC-9632	-	-	22.66	
17-Jan-21	3	AS01BC-7588	-	-	15.70	
18-Jan-21		AS01BC-0055	-	-	53.20	
18-Jan-21		AP16TH-7677	-	-	47.53	
18-Jan-21		AS-01FC-7312	-	-	47.53	
18-Jan-21	4	AS-01EC-9286	-	-	29.87	
19-Jan-21		AS01DC-9737	-	-	23.40	
19-Jan-21		AS01GC-6651	-	-	44.28	
19-Jan-21		AS-01GC-5842	-	-	61.17	
19-Jan-21	4	AS-01FC-9906	-	-	61.12	
20-Jan-21		AS-01EC-6272	-	-	61.17	
20-Jan-21		AS-01EC-0659	-	-	40.70	
20-Jan-21		AS-01DD-5535	-	-	30.20	
20-Jan-21	4	AS-01DD-5213	-	-	30.20	
21-Jan-21		AS-01AC-2395	-	-	38.90	
21-Jan-21		AS01DC-9309	-	-	15.90	
21-Jan-21		AP-16TJ-0186	-	-	36.30	
21-Jan-21	4	AS01EC-2197	-	-	41.20	28.2
22-Jan-21		RJ18GA-2905	-	-	22.60	
22-Jan-21		AS01CC-8496	-	-	29.40	
22-Jan-21		AS-01CC-7667	-	-	32.40	
22-Jan-21		UP32DN-4494	-	-	41.10	
22-Jan-21	5	AS-01EC-0135	-	-	26.80	
23-Jan-21		AS01CC-8496	-	-	27.10	
23-Jan-21		AS-01DC-9732			30.10	
23-Jan-21		AS-01CC-7667			23.60	
23-Jan-21	4	AS-01FC-5275			42.10	
24-Jan-21		NL-01K-1761	-	-	56.10	
24-Jan-21		AS-01AC-7071	-	-	59.10	
24-Jan-21		TR-01K-1728	-	-	28.10	
24-Jan-21	4	AS-01GC-8855	-	-	16.40	
25-Jan-21		TR01AB-1622	-	-	28.11	
25-Jan-21		AS01CC-8579	-	-	42.10	
25-Jan-21		AS-01EC-9476	-	-	56.00	
25-Jan-21	4	AS-01BC-0799	-	-	47.53	
26-Jan-21		AS-01CC-7239	-	-	35.85	
26-Jan-21		AS-01C-3151	-	-	38.20	
26-Jan-21		AS01CC-2590	-	-	33.25	
26-Jan-21	4	NL01K-7665	-	-	49.50	
27-Jan-21		AS-01AC-0911	-	-	54.80	
27-Jan-21		AS01CC-2590	-	-	47.53	
27-Jan-21		AS-01GC-8485	-	-	55.82	
27-Jan-21		AS-01AC-8642	-	-	15.60	
27-Jan-21	5	AS01DD-2058	-	-	47.53	
28-Jan-21		AS-01DD-9886	-	-	30.20	
28-Jan-21		AS01AC-5159	-	-	42.82	
28-Jan-21		AS01BC-2351	-	-	23.40	
28-Jan-21		AS01DD-1335	-	-	4.50	
28-Jan-21	5	AS-01FC-9731	-	-	47.53	
29-Jan-21		AS-01BC-2351	-	-	30.00	
29-Jan-21		AS01EC-7849	-	-	24.60	
29-Jan-21		AS-01EC-0373	-	-	43.80	
29-Jan-21	4	PB-65X-7514	-	-	26.80	
30-Jan-21		AS-01AC-8113	-	-	27.10	
30-Jan-21		AS-01DD-5213			30.10	
30-Jan-21		AS-01EC-0659			23.60	
30-Jan-21	4	AS-01FC-9906			42.10	
31-Jan-21		AS01GC-6651	-	-	56.10	
31-Jan-21		AS-01DD-5271	-	-	59.10	
31-Jan-21		AS-01FC-7312	-	-	28.10	
31-Jan-21	4	AS01BC-0055	-	-	16.40	29.50

M/S TOPCEM INDIA							In house testing of PM2.5 at Truck µgm/m3
PUC VEHICLE MOVEMENT WITHIN PLANT DATA							
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA			
				CO%	HC(ppm)	SD(HSU)	
Feb-21	1-Feb-21	4	AS-01CC-7667	-	-	57.68	30.60
	1-Feb-21		UP32DN-4494	-	-	47.53	
	1-Feb-21		AS-01EC-0135	-	-	57.68	
	1-Feb-21		AS-25AC-1271	-	-	51.86	
	2-Feb-21	4	AS-25AC-1272	-	-	42.82	
	2-Feb-21		AS-25AC-1274	-	-	47.53	
	2-Feb-21		AS-25AC-1251	-	-	61.17	
	2-Feb-21		AS-25AC-1256	-	-	57.68	
	3-Feb-21	4	AS-25AC-1252	-	-	51.86	
	3-Feb-21		AS-25AC-1253	-	-	42.82	
	3-Feb-21		AS01DC-9723	-	-	47.53	
	3-Feb-21		AS-25AC-1255	-	-	47.53	
	4-Feb-21	4	AS-25AC-1256	-	-	42.82	
	4-Feb-21		AS-25AC-1257	-	-	55.82	
	4-Feb-21		AS-25AC-1258	-	-	61.17	
	4-Feb-21		AS-25AC-1259	-	-	57.68	
	5-Feb-21	5	AS-25AC-1261	-	-	57.68	
	5-Feb-21		AS-25AC-1251	-	-	51.86	
	5-Feb-21		AS-25AC-1264	-	-	30.20	
	5-Feb-21		AS-25AC-1267	-	-	30.20	
	5-Feb-21	5	AS-25AC-1268	-	-	56.70	
	6-Feb-21		AS-25AC-1269	-	-	51.06	
	6-Feb-21		AS-25AC-1270	-	-	30.20	
	6-Feb-21		AS01EC-2197	-	-	47.53	
	6-Feb-21	5	AS-25AC-1251	-	-	46.30	
	6-Feb-21		AS-25AC-1268	-	-	33.60	
	7-Feb-21	4	AS-25AC-1265	-	-	13.50	
	7-Feb-21		AS01CC-8579	-	-	38.20	
	7-Feb-21		AS01DC-9723	-	-	57.33	
	7-Feb-21		AS01DC-9345	-	-	57.68	
	8-Feb-21	4	AS01BC-7588	-	-	49.50	
	8-Feb-21		AS-01EC-2197	-	-	52.10	
	8-Feb-21		AS-01FC-7312	-	-	57.68	
	8-Feb-21		AS01GC-6651	-	-	11.06	
	9-Feb-21	4	AS-01EC-6272	-	-	38.20	
	9-Feb-21		AS-01DD-5213	-	-	33.66	
	9-Feb-21		AP-16TJ-0186	-	-	47.53	
	9-Feb-21		NL-01L-0365	-	-	40.66	
	10-Feb-21	4	AS01BC-2781	-	-	38.20	
	10-Feb-21		NL-01Q-8581	-	-	33.25	
	10-Feb-21		AS-01GC-6392	-	-	61.80	
	10-Feb-21		AS01FC-0129	-	-	61.17	
	11-Feb-21	5	AS01FC-9437	-	-	21.30	
	11-Feb-21		AS01DC-9309	-	-	45.90	
	11-Feb-21		AP-16TJ-0186	-	-	17.00	
	11-Feb-21		AS01EC-2197	-	-	62.70	
	11-Feb-21	4	RJ18GA-2905	-	-	31.00	
	12-Feb-21		AS01CC-8496	-	-	53.20	
	12-Feb-21		AS-01CC-7667	-	-	30.20	
	12-Feb-21		UP32DN-4494	-	-	61.80	
	12-Feb-21	4	AS-01EC-0135	-	-	38.20	
	13-Feb-21		AS-01DD-7187	-	-	61.17	
	13-Feb-21		AS-01FC-7035	-	-	30.20	
	13-Feb-21		AP28TE-6224	-	-	47.53	
	13-Feb-21	4	AS-25AC-1251	-	-	30.20	
	14-Feb-21		AS-25AC-1264	-	-	30.20	
	14-Feb-21		AS-25AC-1267	-	-	45.80	
	14-Feb-21		AS-25AC-1268	-	-	47.20	
	14-Feb-21		AS-25AC-1251	-	-	49.50	
	14-Feb-21	5	AS-25AC-1252	-	-	23.40	
	15-Feb-21		AS-25AC-1253	-	-	61.20	
	15-Feb-21		AS-25AC-1254	-	-	47.53	
	15-Feb-21		AP-16TJ-0186	-	-	65.10	
	15-Feb-21		AS01DC-9737	-	-	55.10	
	16-Feb-21	4	AS01DC-9345	-	-	51.86	
	16-Feb-21		AS01DC-9632	-	-	22.66	
	16-Feb-21		AS01BC-7588	-	-	15.70	
	16-Feb-21		AS01BC-0055	-	-	53.20	

17-Feb-21		AP16TH-7677	-	-	47.53	
17-Feb-21		AS-01FC-7312	-	-	47.53	
17-Feb-21		AS-01EC-9286	-	-	29.87	
17-Feb-21	4	AS01DC-9737	-	-	23.40	
18-Feb-21		AS01GC-6651	-	-	44.28	
18-Feb-21		AS-01GC-5842	-	-	61.17	
18-Feb-21		AS-01FC-9906	-	-	61.12	
18-Feb-21	4	AS-01EC-6272	-	-	61.17	
19-Feb-21		AS-01EC-0659	-	-	40.70	
19-Feb-21		AS-01DD-5535	-	-	30.20	
19-Feb-21		AS-01DD-5213	-	-	30.20	
19-Feb-21	4	AS-01AC-2395	-	-	38.90	
20-Feb-21		AS01DC-9309	-	-	15.90	
20-Feb-21		AP-16TJ-0186	-	-	36.30	
20-Feb-21		AS01EC-2197	-	-	41.20	
20-Feb-21	4	RJ18GA-2905	-	-	22.60	
21-Feb-21		AS01CC-8496	-	-	29.40	
21-Feb-21		AS-01CC-7667	-	-	32.40	
21-Feb-21		UP32DN-4494	-	-	41.10	
21-Feb-21	4	AS-01EC-0135	-	-	26.80	29.5
22-Feb-21		AS01CC-8496	-	-	27.10	
22-Feb-21		AS-01DC-9732			30.10	
22-Feb-21		AS-01CC-7667			23.60	
22-Feb-21		AS-01FC-5275			42.10	
22-Feb-21	5	NL-01K-1761	-	-	56.10	
23-Feb-21		AS01DC-9723	-	-	50.33	
23-Feb-21		AS01DC-9345	-	-	46.28	
23-Feb-21		AS01BC-7588	-	-	52.35	
23-Feb-21	4	AS-01EC-2197	-	-	32.60	
24-Feb-21		AS-01FC-7312	-	-	31.40	
24-Feb-21		AS01GC-6651	-	-	32.60	
24-Feb-21		AS-01EC-6272	-	-	36.40	
24-Feb-21	4	AS-01DD-5213	-	-	42.10	
25-Feb-21		AP-16TJ-0186	-	-	46.10	
25-Feb-21		NL-01L-0365			22.10	
25-Feb-21		AS01BC-2781			26.10	
25-Feb-21	4	NL-01Q-8581	-	-	16.10	
26-Feb-21		AS-01GC-6392	-	-	12.90	
26-Feb-21		AS01FC-0129	-	-	16.80	
26-Feb-21		AS01FC-9437	-	-	22.40	
26-Feb-21	4	AS01DC-9309	-	-	33.80	
27-Feb-21		AP-16TJ-0186	-	-	39.40	
27-Feb-21		AS01EC-2197	-	-	33.40	
27-Feb-21		RJ18GA-2905	-	-	13.60	
27-Feb-21		AS01CC-8496	-	-	44.20	
27-Feb-21	5	AS-01CC-7667	-	-	47.60	
28-Feb-21		UP32DN-4494	-	-	61.50	
28-Feb-21		AS-01EC-0135	-	-	55.10	
28-Feb-21		AS-01DD-7187	-	-	34.20	
28-Feb-21		AS-25AC-1265	-	-	61.40	
28-Feb-21	5	AS01CC-8579	-	-	15.40	28

M/S TOPCEM INDIA							In house testing of PM2.5 at Truck µgm/m3
PUC VEHICLE MOVEMENT WITHIN PLANT DATA							
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA			
				CO%	HC(ppm)	SD(HSU)	
Mar-21	1-Mar-21	4	AS01DC-4326	-	-	57.68	28.5
	1-Mar-21		PB-65X-7514	-	-	11.06	
	1-Mar-21		AS-01AC-8113	-	-	38.20	
	1-Mar-21		AS-01DD-5213	-	-	21.30	
	2-Mar-21	3	AS-01EC-0659	-	-	47.53	
	2-Mar-21		AS-01FC-9906	-	-	35.85	
	2-Mar-21		AS01GC-6651	-	-	15.70	
	3-Mar-21	3	AS-01DD-5271	-	-	30.20	
	3-Mar-21		AS-01FC-7312	-	-	30.20	
	3-Mar-21	3	AS01BC-0055	-	-	42.82	
	4-Mar-21	4	AS01DC-6357	-	-	26.86	
	4-Mar-21		AS01DD-9576	-	-	30.20	
	4-Mar-21		AS01EC-0703	-	-	61.80	
	4-Mar-21		AS-01EC-2197	-	-	61.17	
	5-Mar-21	4	AS01FC-1677	-	-	21.30	
	5-Mar-21		AS-01AC-2395	-	-	42.82	
	5-Mar-21		AS01BC-7588	-	-	45.90	
	5-Mar-21		AS01BC-7588	-	-	17.00	
	6-Mar-21	4	AS01DC-9632	-	-	62.70	
	6-Mar-21		AS01DC-9309	-	-	31.00	
	6-Mar-21		AS01DC-9345	-	-	53.20	
	6-Mar-21		AS01DC-9437	-	-	30.20	
	7-Mar-21	4	AS01DC-9723	-	-	61.80	
	7-Mar-21		AS01DC-9737	-	-	38.20	
	7-Mar-21		AP-16TJ-0186	-	-	3.50	
	7-Mar-21		AS-01CC-4061	-	-	61.17	
	8-Mar-21	3	AS-01CC-4331	-	-	30.20	30.00
	8-Mar-21		AS01CC-4911	-	-	47.53	
	8-Mar-21		AS01EC-2197	-	-	30.20	
	9-Mar-21	4	AS01GC-5244	-	-	30.20	
	9-Mar-21		AS01GC-9009	-	-	45.80	
	9-Mar-21		AS-01CC-7239	-	-	47.20	
	9-Mar-21		AS-01AC-0260	-	-	49.50	
	10-Mar-21	4	AS-01C-3151	-	-	23.40	
	10-Mar-21		AS-01C-9075	-	-	61.20	
	10-Mar-21		AS01CC-2590	-	-	47.53	
	10-Mar-21		AS-01EC-0657	-	-	47.53	
	11-Mar-21	4	NL01K-7665	-	-	30.20	
	11-Mar-21		NL02N-0433	-	-	29.80	
	11-Mar-21		AS-01BC-4537	-	-	42.82	
	11-Mar-21		AS01DD-1335	-	-	57.68	
	12-Mar-21	3	AS-01DD-2155	-	-	52.30	
	12-Mar-21		AS-01FC-9731	-	-	42.82	
	12-Mar-21		AS-01AC-6499	-	-	30.00	
	13-Mar-21	4	AS-01AC-7071	-	-	61.17	
	13-Mar-21		AS-01DC-9732	-	-	45.90	
	13-Mar-21		AS-01FC-5275	-	-	29.87	
	13-Mar-21		NL-01K-1761	-	-	47.53	
	14-Mar-21	4	AS-01DD-2058	-	-	19.50	
	14-Mar-21		TR01AB-1622	-	-	22.60	
	14-Mar-21		AS-01DD-7187	-	-	51.60	
	14-Mar-21		AS-01FC-7035	-	-	42.82	
	15-Mar-21	4	AP28TE-6224	-	-	30.00	
	15-Mar-21		AS-01DD-5712	-	-	61.17	
	15-Mar-21		AS-01EC-9417	-	-	45.90	
	15-Mar-21		AS01DC-0789	-	-	26.10	
	16-Mar-21	4	AS-01BC-0799	-	-	30.50	
	16-Mar-21		AS01CC-4259	-	-	30.10	
	16-Mar-21		AS-01CC-7239	-	-	20.40	
	16-Mar-21		AS-01C-9075	-	-	26.40	
	17-Mar-21	3	NL01K-7665	-	-	28.40	
	17-Mar-21		AS-01FC-6225	-	-	61.17	
	17-Mar-21		AS-01DC-9732	-	-	40.70	
	18-Mar-21	4	AS-01FC-5275	-	-	30.20	
	18-Mar-21		NL-01K-1761	-	-	30.20	
	18-Mar-21		AS-01DD-2058	-	-	30.20	
	18-Mar-21		TR01AB-1622	-	-	62.70	

19-Mar-21		AS-01DD-7187	-	-	53.20	
19-Mar-21		AS-01FC-7035	-	-	13.50	
19-Mar-21	3	AP28TE-6224	-	-	13.40	
20-Mar-21		AS-01DD-5712	-	-	22.60	
20-Mar-21		NL01D-3840			33.40	
20-Mar-21		AS-01EC-9417	-	-	33.40	
20-Mar-21	4	AS01DC-0789	-	-	45.20	
21-Mar-21		AS-01BC-0799	-	-	65.10	
21-Mar-21		AS01CC-4259	-	-	55.10	
21-Mar-21		AS-01CC-7239	-	-	51.86	
21-Mar-21	4	AS-01C-9075	-	-	22.66	30.2
22-Mar-21		NL01K-7665	-	-	15.70	
22-Mar-21		NL02N-0433	-	-	53.20	
22-Mar-21		AS-01AC-0911	-	-	61.60	
22-Mar-21	3	AS01CC-2590	-	-	47.53	
23-Mar-21		AS-01AC-2395	-	-	57.68	
23-Mar-21		AS01BC-7588	-	-	11.06	
23-Mar-21		AS01DC-9345	-	-	38.20	
23-Mar-21	4	AS01DC-9437	-	-	21.30	
24-Mar-21		AP-16TJ-0186	-	-	47.53	
24-Mar-21		AS-01CC-4331	-	-	35.85	
24-Mar-21		AS01GC-5244	-	-	38.20	
24-Mar-21	4	NL01D-3840	-	-	33.25	
25-Mar-21		RJ18GA-2905	-	-	57.61	
25-Mar-21		AS-01DC-9732	-	-	61.80	
25-Mar-21		AS-01FC-5275	-	-	61.17	
25-Mar-21	4	AS-01AC-7071	-	-	21.30	
26-Mar-21		AS-01EC-0135	-	-	42.82	
26-Mar-21		AS-25B-4033	-	-	45.90	
26-Mar-21	3	AS-01DD-7187	-	-	17.00	
27-Mar-21		AS-01FC-7035	-	-	62.70	
27-Mar-21		AS-01DD-0747	-	-	31.00	
27-Mar-21		AS01DC-0789	-	-	53.20	
27-Mar-21	4	AS-01BC-0799	-	-	30.20	
28-Mar-21		AS-01AC-0260	-	-	61.80	
28-Mar-21		AS01CC-2590	-	-	38.20	
28-Mar-21		AS-01AC-0911	-	-	38.10	
28-Mar-21	4	AS-01GC-8485	-	-	61.17	
29-Mar-21		AS-01AC-8642	-	-	30.20	
29-Mar-21		AS-01DD-9886	-	-	47.53	
29-Mar-21		AS01AC-5159	-	-	30.20	
29-Mar-21	4	AS01BC-2351	-	-	30.20	
30-Mar-21		AS-01DD-2155	-	-	45.80	
30-Mar-21		AS-01AC-6499	-	-	47.20	
30-Mar-21		AS-01AC-6411	-	-	49.50	
30-Mar-21	4	AS-25AC-1263	-	-	42.82	
31-Mar-21		AS-25AC-1264	-	-	47.53	
31-Mar-21		AS-25AC-1265	-	-	42.82	
31-Mar-21	3	AS-25AC-1266	-	-	55.82	29.6

M/s TOPCEM INDIA
VILL-GAURIPUR,KAMRUP,ASSAM

**Item-wise Corporate Social Responsibility details along
with costing**

For FY 2020-21(Oct to Mar 2021)

Following activities have completed as a part of CSR in the above said period:-

☐ Village Infrastructure-

- Drinking water is providing by M/s Topcem India to near by village on daily basis and spent cost is nearly 48000/- (Rupees Forty Eight Thousand only) per month. Cost for October 2020 to March 2021 is- 288000/- Rs.

❑ OTHER CSR ACTIVITIES

CSR 2020-21

MONTH	EVENT NAME	CSR/ ACTIVITY	DATE	LOCATION	TOTAL EXPENSES
November 2020	CATARACT OPERATION CSR WITH SANKAR NETHRALAYA	CSR	18/11/2020 To 19/12/2021	Kamrup, Darang	147500.00
Jan2021	TOILET DISTRIBUTION	CSR	28/01/2021	Kamrup	200,000.00
Feb2021	TOPCEM CLEFT SURGERY WEEK	CSR	02/02/2021	SHILLONG & GUWAHATI	125000.00
Total Amount					472500

**TOTAL COST SPENT UNDER CSR ACTIVITY IN
2020-21(Oct TO Mar 2021) IS RUPREES 760500/- ONLY.**

Note*The costing has rounded off to its nearest value.

Patient Name	: Mr. BIMAL GORH	MR No	: FG UW.0000076548
Age/Sex	: 22 Y/M	Visit No	: FG UWOPV114304
Pres Doctor	:	Bill Date	: 30-03-2021 11:45
Ref.by	: SELF	Report Date	: 30-03-2021 13:08

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.



Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



Patient Name : Mr. DIGAMBER NATH
Age/Sex : 38 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FG UW.0000076547
Visit No : FG UWOPV114303
Bill Date : 30-03-2021 11:44
Report Date : 30-03-2021 13:09

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.
Pleural angles are clear and domes of the diaphragm are of normal contour.
Cardio-thoracic ratio is within normal limits.
Hilar shadows are normal.
Bony thorax is intact.
Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.

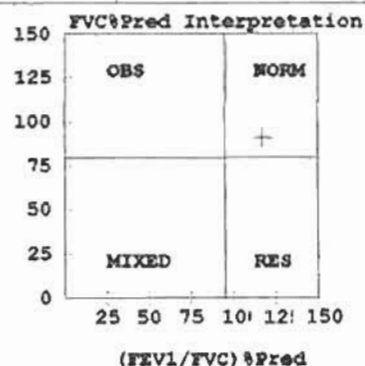
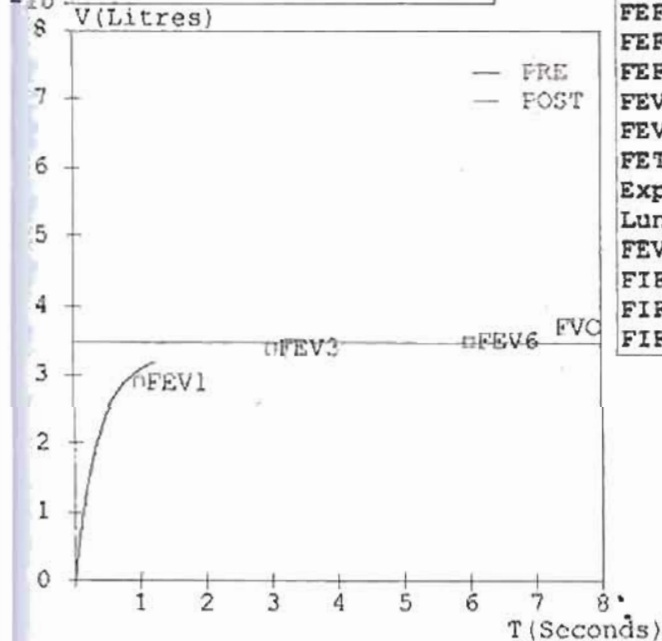
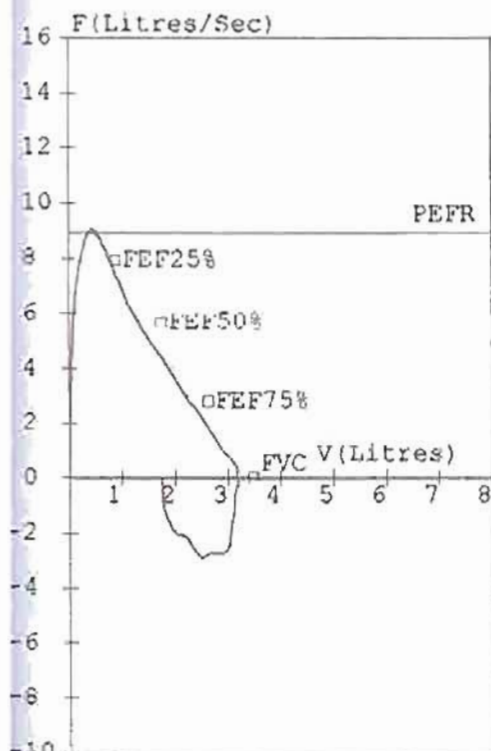


Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



atient: MR. DIGAMBER NATH
 efd. By: SELF
 red.Eqns: RECORDERS
 ate : 30-Mar-2021 12:32 PM

Age : 38 Years Gender : Male
 Height : 170 Cms Smoker : No
 Weight : 55 Kgs Eth. Corr: 100
 ID: 76547 Temp :



Spirometry(FVC Results)							
Parameter		Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC	(L)	03.48	03.18	091	-----	---	---
FEV1	(L)	02.87	03.08	107	-----	---	---
FEV1/FVC	(%)	82.47	96.86	117	-----	---	---
FEF25-75	(L/s)	04.03	04.38	109	-----	---	---
PEFR	(L/s)	08.92	08.98	101	-----	---	---
FIVC	(L)	-----	01.42	---	-----	---	---
FEV.5	(L)	-----	02.50	---	-----	---	---
FEV3	(L)	03.37	03.18	094	-----	---	---
PIFR	(L/s)	-----	02.84	---	-----	---	---
FEF75-85	(L/s)	-----	01.96	---	-----	---	---
FEF.2-1.2	(L/s)	07.03	07.60	108	-----	---	---
FEF 25%	(L/s)	07.92	07.73	098	-----	---	---
FEF 50%	(L/s)	05.68	04.75	084	-----	---	---
FEF 75%	(L/s)	02.80	02.49	089	-----	---	---
FEV.5/FVC	(%)	-----	78.62	---	-----	---	---
FEV3/FVC	(%)	96.84	100.00	103	-----	---	---
FET	(Sec)	-----	01.23	---	-----	---	---
ExptTime	(Sec)	-----	00.05	---	-----	---	---
Lung Age	(Yrs)	038	035	092	-----	---	---
FEV6	(L)	03.48	-----	---	-----	---	---
FIF25%	(L/s)	-----	04.24	---	-----	---	---
FIF50%	(L/s)	-----	03.16	---	-----	---	---
FIF75%	(L/s)	-----	02.20	---	-----	---	---

Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Normal Spirometry

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic this report require clinical co-ordination for any clinical action.
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 Sidha Point, S.J. Road
 Athgaon, Opp. Marwari Hospital
 Phone : 9085619000(M)
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Home Based Collection & Delivery of reports

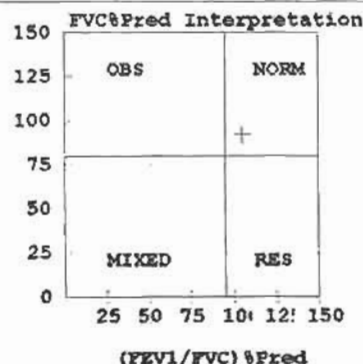
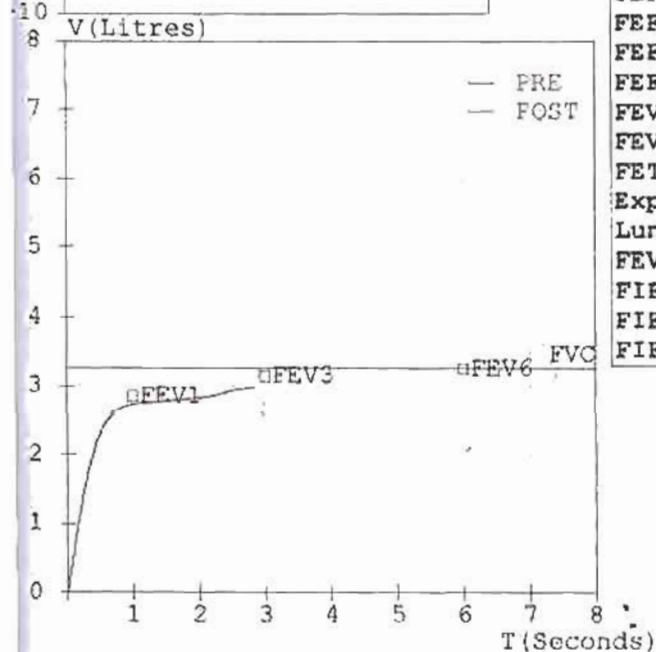
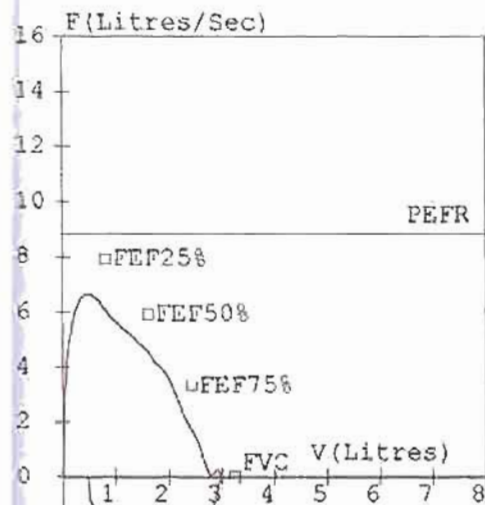
9864112000/94356 23458

Accredited as per ISO - 15189 : 2012 - NABL Standards
 1ST NABL ACCREDITED LABORATORY IN ASSAM

Patient: MR BIMAL GORH
 Refd. By: SELF
 Med. Eqns: RECORDERS
 Date: 30-Mar-2021 12:34 PM

Age : 22 Years
 Height : 161 Cms
 Weight : 49 Kgs
 ID: 76548

Gender : Male
 Smoker : Yes
 Eth. Corr: 100
 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.25	02.98	092	-----	---	---
FEV1 (L)	02.85	02.75	096	-----	---	---
FEV1/FVC (%)	87.69	92.28	105	-----	---	---
FEF25-75 (L/s)	04.58	04.35	095	-----	---	---
PEFR (L/s)	08.84	06.57	074	-----	---	---
FIVC (L)	-----	02.50	---	-----	---	---
FEV.5 (L)	-----	02.33	---	-----	---	---
FEV3 (L)	03.15	02.98	095	-----	---	---
PIFR (L/s)	-----	02.29	---	-----	---	---
FEF75-85 (L/s)	-----	01.73	---	-----	---	---
FEF.2-1.2 (L/s)	07.66	05.96	078	-----	---	---
FEF 25% (L/s)	07.92	06.12	077	-----	---	---
FEF 50% (L/s)	05.93	04.74	080	-----	---	---
FEF 75% (L/s)	03.33	02.45	074	-----	---	---
FEV.5/FVC (%)	-----	78.19	---	-----	---	---
FEV3/FVC (%)	96.92	100.00	103	-----	---	---
FET (Sec)	-----	02.81	---	-----	---	---
ExptTime (Sec)	-----	00.07	---	-----	---	---
Lung Age (Yrs)	022	023	105	-----	---	---
FEV6 (L)	03.25	-----	---	-----	---	---
FIF25% (L/s)	-----	01.01	---	-----	---	---
FIF50% (L/s)	-----	02.22	---	-----	---	---
FIF75% (L/s)	-----	02.17	---	-----	---	---

Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC&Pred >80.

Normal Spirometry

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic this report requires clinical correlation. Apollo Clinic does not perform any clinical action.
 Kanchan Road, Opp. Bora Service,
 G.S. Road, Guwahati- 781007
 Phone : (0361) 246 1473 - 74
 E-mail : guwahati@theapolloclicnic.com

Apollo Clinic
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 Athgaon, Opp. Marwari Hospital
 Phone : 9085619000(M)
 www.apolloclicnic.com



Home Blood Collection & Delivery of reports

9854112000 / 94356 23456

Accredited as per ISO - 15189 : 2012 - NABL Standards
 1ST NABL ACCREDITED LABORATORY IN ASSAM

Patient Name : Mr. SATISH DAS
Age/Sex : 40 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FG UW.0000076549
Visit No : FG UWOPV114305
Bill Date : 30-03-2021 11:46
Report Date : 30-03-2021 13:07

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.



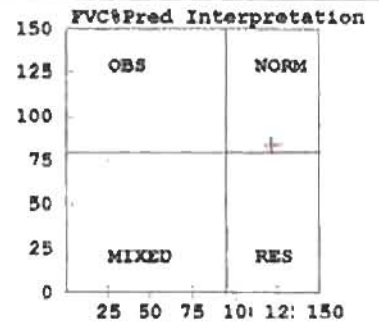
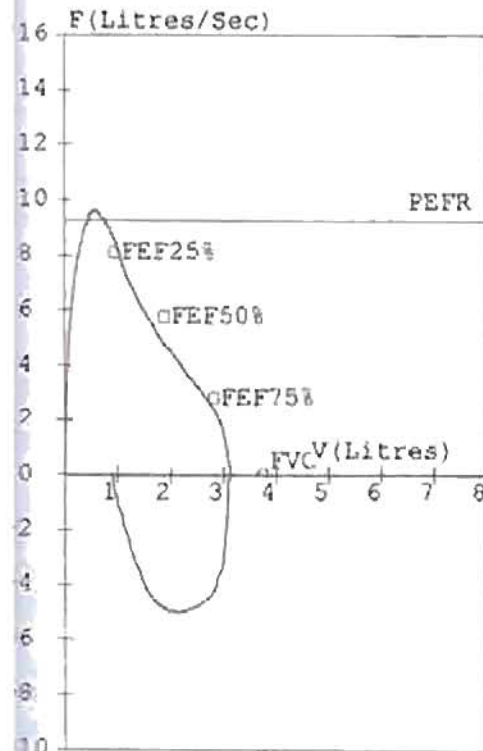
Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



Patient: MR. SATISH DAS
 Refd. By: SELF
 Ref. Eqs: RECORDERS
 Date: 30-Mar-2021 12:31 PM

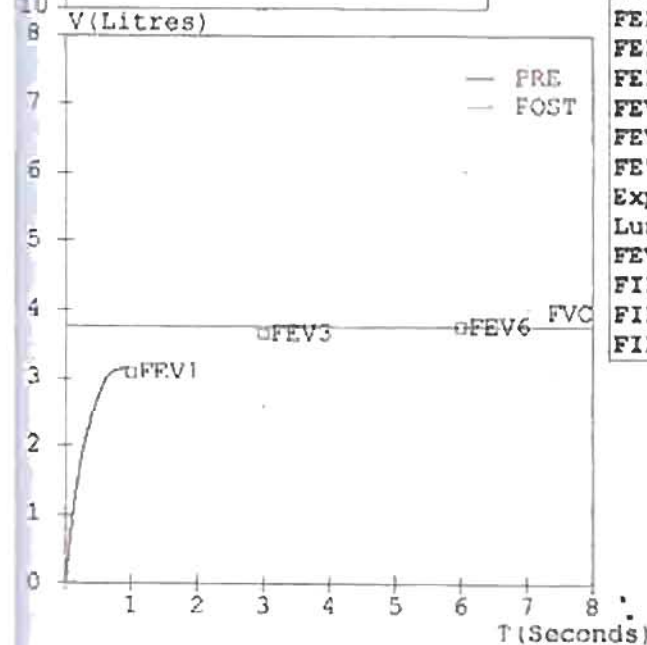
Age : 40 Years
 Height : 176 Cms
 Weight : 55 Kgs
 ID: 76549

Gender : Male
 Smoker : No
 Eth. Corr: 100
 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.75	03.16	084	-----	---	---
FEV1 (L)	03.07	03.16	103	-----	---	---
FEV1/FVC (%)	81.87	100.00	122	-----	---	---
FEF25-75 (L/s)	04.05	05.40	133	-----	---	---
PEFR (L/s)	09.28	09.51	102	-----	---	---
FIVC (L)	-----	02.24	---	-----	---	---
FEV.5 (L)	-----	02.75	---	-----	---	---
FEV3 (L)	03.64	03.16	087	-----	---	---
PIFR (L/s)	-----	04.95	---	-----	---	---
FEF75-85 (L/s)	-----	03.01	---	-----	---	---
FEF.2-1.2 (L/s)	07.20	08.45	117	-----	---	---
FEF 25% (L/s)	08.09	09.03	112	-----	---	---
FEF 50% (L/s)	05.78	05.68	098	-----	---	---
FEF 75% (L/s)	02.80	03.47	124	-----	---	---
FEV.5/FVC (%)	-----	87.03	---	-----	---	---
FEV3/FVC (%)	97.07	100.00	103	-----	---	---
FET (Sec)	-----	01.04	---	-----	---	---
ExptTime (Sec)	-----	00.06	---	-----	---	---
Lung Age (Yrs)	040	039	098	-----	---	---
FEV6 (L)	03.75	-----	---	-----	---	---
FIF25% (L/s)	-----	02.41	---	-----	---	---
FIF50% (L/s)	-----	03.28	---	-----	---	---
FIF75% (L/s)	-----	04.77	---	-----	---	---



Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Normal Spirometry

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic
 Kanchan Road, Opp. Bora Service,
 G.S. Road, Guwahati- 781007
 Phone : (0361) 246 1473 - 74
 E-mail : guwahati@theapolloclinic.com

Apollo Clinic
 Sidha Point, S.J. Road
 Athgaon, Opp. Marwari Hospital
 Phone : 9085619000(M)
 www.apolloclinic.com



Home Blood Collection & Delivery of reports

9864112000 / 9435623456

Accredited as per ISO - 15189 : 2012 - NABL Standards
 1ST NABL ACCREDITED LABORATORY IN ASSAM

Patient Name : Mr. MOINUDDIN AHMED
Age/Sex : 20 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FG UW.0000076550
Visit No : FG UWOPV114307
Bill Date : 30-03-2021 11:49
Report Date : 30-03-2021 13:06

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.

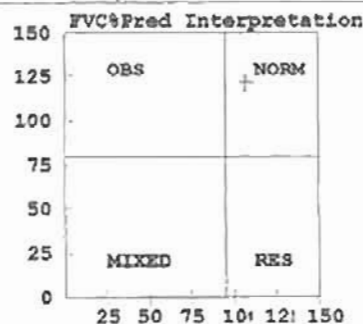
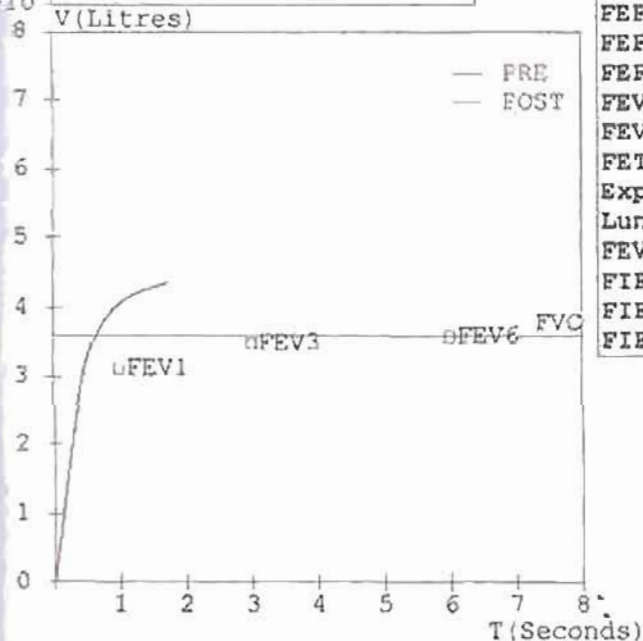
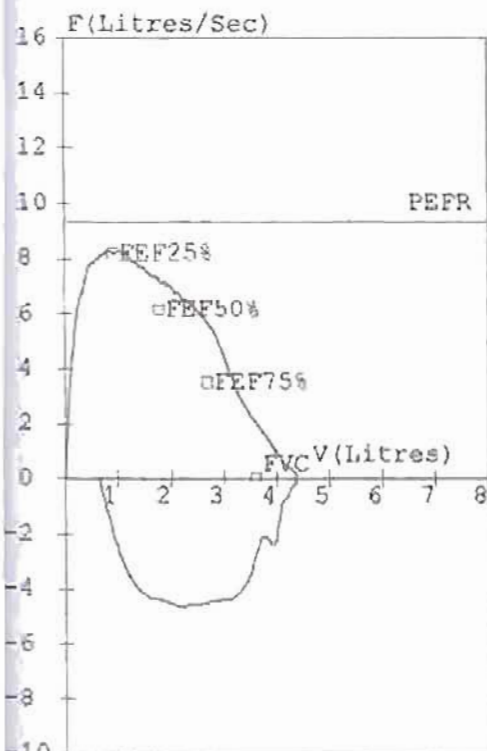


Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



Patient: MR. MOINUDDIN AHMED
Refd. By: SELF
Pred. Eqns: RECORDERS
Date: 30-Mar-2021 12:35 PM

Age: 20 Years
Height: 167 Cms
Weight: 50 Kgs
ID: 76550
Gender: Male
Smoker: Yes
Eth. Corr: 100
Temp:



Spirometry (FVC Results)

Parameter		Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC	(L)	03.58	04.37	122	-----	---	---
FEV1	(L)	03.13	04.07	130	-----	---	---
FEV1/FVC	(%)	87.43	93.14	107	-----	---	---
FEF25-75	(L/s)	04.78	05.89	123	-----	---	---
PEFR	(L/s)	09.34	08.22	088	-----	---	---
FIVC	(L)	-----	03.70	---	-----	---	---
FEV.5	(L)	-----	03.25	---	-----	---	---
FEV3	(L)	03.47	04.37	126	-----	---	---
PIFR	(L/s)	-----	04.60	---	-----	---	---
FEF75-85	(L/s)	-----	02.26	---	-----	---	---
FEF.2-1.2	(L/s)	08.10	07.56	093	-----	---	---
FEF 25%	(L/s)	08.18	08.12	099	-----	---	---
FEF 50%	(L/s)	06.14	06.58	107	-----	---	---
FEF 75%	(L/s)	03.50	03.02	086	-----	---	---
FEV.5/FVC	(%)	-----	74.37	---	-----	---	---
FEV3/FVC	(%)	96.93	100.00	103	-----	---	---
FET	(Sec)	-----	01.80	---	-----	---	---
ExptTime	(Sec)	-----	00.06	---	-----	---	---
Lung Age	(Yrs)	020	014	070	-----	---	---
FEV6	(L)	03.58	-----	---	-----	---	---
FIF25%	(L/s)	-----	00.91	---	-----	---	---
FIF50%	(L/s)	-----	04.24	---	-----	---	---
FIF75%	(L/s)	-----	04.57	---	-----	---	---

Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Normal Spirometry
ram

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic this report requires clinical action. Apollo Clinic no clinical action.
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E-mail: guwahati@theapolloclinic.com
Sidha Point, S.J. Road
Athgaon, Opp. Marwari Hospital
Phone: 9085819000(M)
www.apolloclinic.com

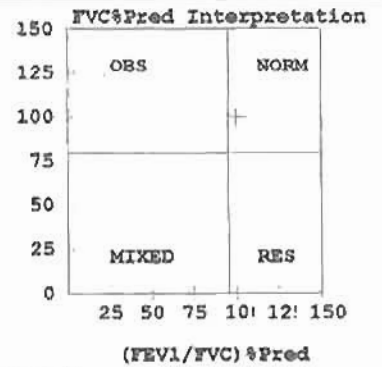
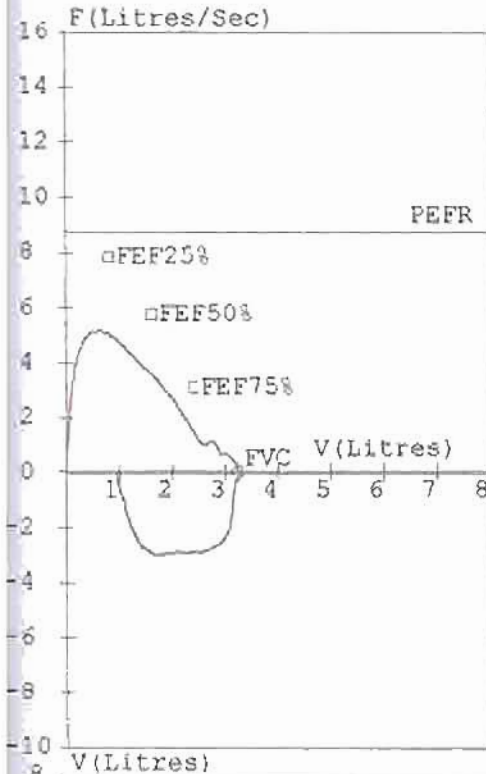


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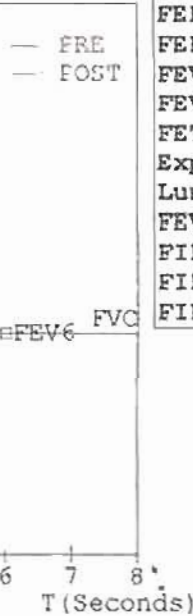
Accredited as per ISO - 15189 : 2012 - NABL Standards
1ST NABL ACCREDITED LABORATORY IN ASSAM

atient: MR HAMIDUL ISLAM
 efd. By: SELF
 red.Eqns: RECORDERS
 ate : 30-Mar-2021 12:19 PM

Age : 28 Years Gender : Male
 Height : 162 Cms Smoker : Yes
 Weight : 52 Kgs Eth. Corr: 100
 ID: 76553 Temp :



Spirometry (FVC Results)							
Parameter		Prad	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC	(L)	03.22	03.22	100	-----	---	---
FEV1	(L)	02.76	02.76	100	-----	---	---
FEV1/FVC	(%)	85.71	85.71	100	-----	---	---
FEF25-75	(L/s)	04.33	03.04	070	-----	---	---
PEFR	(L/s)	08.70	05.11	059	-----	---	---
FIVC	(L)	-----	02.28	---	-----	---	---
FEV.5	(L)	-----	02.07	---	-----	---	---
FEV3	(L)	03.12	03.22	103	-----	---	---
PIFR	(L/s)	-----	02.97	---	-----	---	---
FEF75-85	(L/s)	-----	01.06	---	-----	---	---
FEF.2-1.2	(L/s)	07.30	04.76	065	-----	---	---
FEF 25%	(L/s)	07.84	05.03	064	-----	---	---
FEF 50%	(L/s)	05.77	03.57	062	-----	---	---
FEF 75%	(L/s)	03.10	01.42	046	-----	---	---
FEV.5/FVC	(%)	-----	64.29	---	-----	---	---
FEV3/FVC	(%)	96.89	100.00	103	-----	---	---
FET	(Sec)	-----	01.76	---	-----	---	---
ExptTime	(Sec)	-----	00.11	---	-----	---	---
Lung Age	(Yrs)	028	028	100	-----	---	---
FEV6	(L)	03.22	-----	---	-----	---	---
FIF25%	(L/s)	-----	00.97	---	-----	---	---
FIF50%	(L/s)	-----	02.11	---	-----	---	---
FIF75%	(L/s)	-----	02.86	---	-----	---	---



Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Normal
 opsonium

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic : This report requires clinical correlation. Apollo Clinic : This report requires clinical correlation.
 Kanchan Road, Opp. Bora Service, Sidha Point, S.J. Road
 G.S. Road, Guwahati- 781007, Athgaon, Opp. Marwari Hospital
 Phone : (0361) 248 1473 - 74 Phone : 9085619000(M)
 E-mail : guwahati@theapolloclinic.com www.apolloclinic.com



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9864112000 / 94356 28456

Accredited as per ISO - 15189 : 2012 - NABL Standards
 1ST NABL ACCREDITED LABORATORY IN ASSAM

Patient Name : Mr. HAMIDUL ISLAM
Age/Sex : 28 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FGUW.0000076553
Visit No : FGUWOPV114310
Bill Date : 30-03-2021 11:54
Report Date : 30-03-2021 13:02

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.



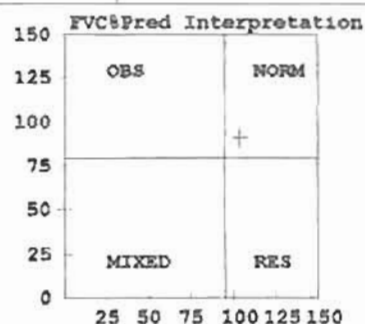
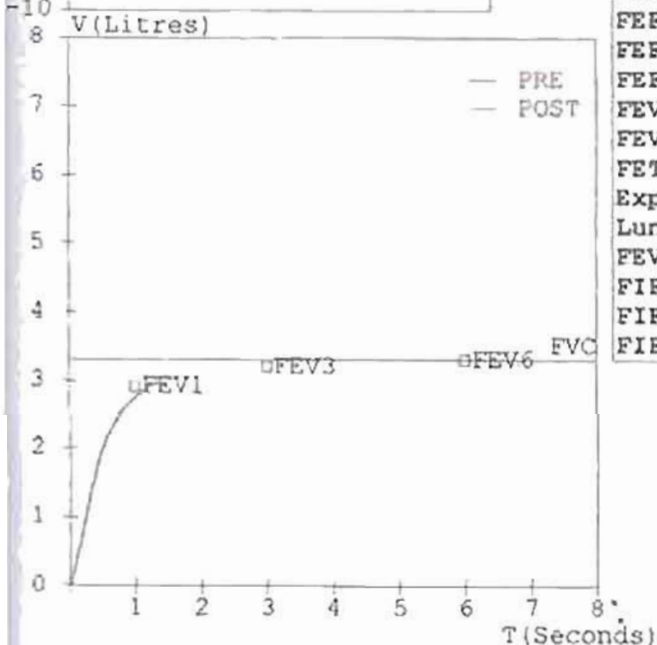
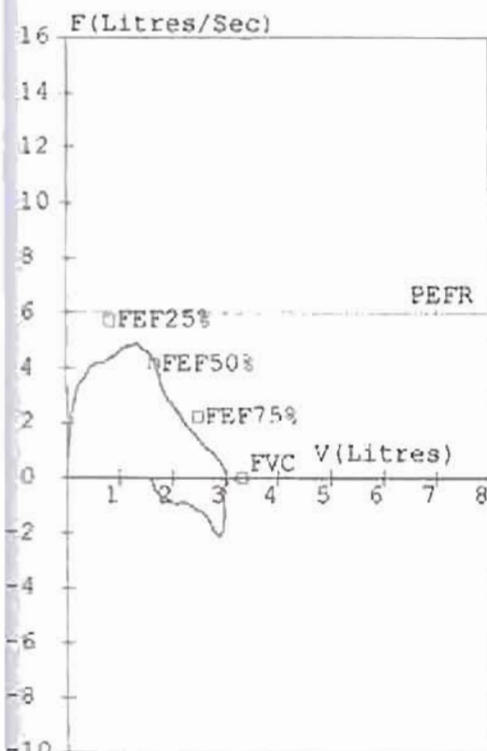
Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



Patient: MR GOKUL RAJGORH
 Refd. By: SELF
 Pred.Eqns: RECORDERS
 Date : 30-Mar-2021 12:13 PM

Age : 18 Years
 Height : 161 Cms
 Weight : 60 Kgs
 ID: 76554

Gender : Male
 Smoker : Yes
 Eth. Corr: 100
 Temp :



Spirometry(FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.31	03.00	091	---	---	---
FEV1 (L)	02.93	02.76	094	---	---	---
FEV1/FVC (%)	88.52	92.00	104	---	---	---
FEF25-75 (L/s)	04.30	03.55	083	---	---	---
PEFR (L/s)	05.99	04.81	080	---	---	---
FIVC (L)	---	01.41	---	---	---	---
FEV.5 (L)	---	02.03	---	---	---	---
FEV3 (L)	03.21	03.00	093	---	---	---
PIFR (L/s)	---	02.06	---	---	---	---
FEF75-85 (L/s)	---	01.52	---	---	---	---
FEF.2-1.2 (L/s)	07.93	04.11	052	---	---	---
FEF 25% (L/s)	05.75	04.23	074	---	---	---
FEF 50% (L/s)	04.16	04.58	110	---	---	---
FEF 75% (L/s)	02.23	01.93	087	---	---	---
FEV.5/FVC (%)	---	67.67	---	---	---	---
FEV3/FVC (%)	96.98	100.00	103	---	---	---
FET (Sec)	---	01.48	---	---	---	---
ExptTime (Sec)	---	00.14	---	---	---	---
Lung Age (Yrs)	018	019	106	---	---	---
FEV6 (L)	03.31	---	---	---	---	---
FIF25% (L/s)	---	03.39	---	---	---	---
FIF50% (L/s)	---	02.28	---	---	---	---
FIF75% (L/s)	---	01.43	---	---	---	---

Pre Medication Report Indicates

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Normal Spirometry
[Signature]

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic this report requires clinical correlation. Apollo Clinic requires any clinical action.
 Kanchan Road, Opp Bora Service,
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 Phone : (0361) 246 1473 - 74
 E-mail : guwahati@theapolloclinic.com

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 1ST NABL ACCREDITED LABORATORY IN ASSAM

Patient Name : Mr. GOKUL RAJGORH
Age/Sex : 18 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FG UW.0000076554
Visit No : FG UWOPV114311
Bill Date : 30-03-2021 11:56
Report Date : 30-03-2021 13:01

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.



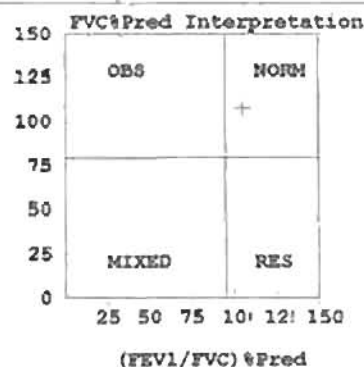
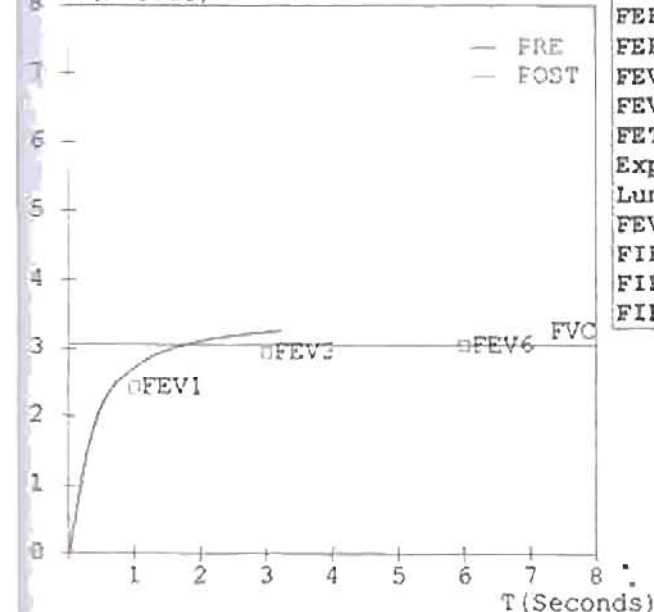
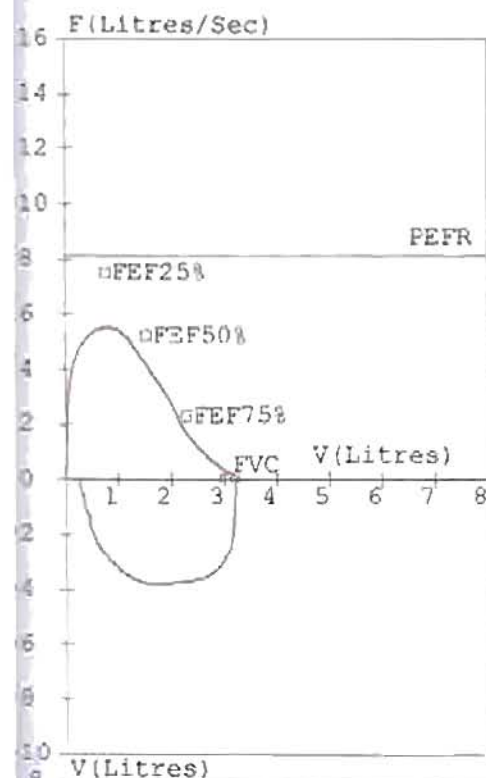
Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



Patient: MR. MINARAM BASUMATARY
 Refd. By: SELF
 Ref. Eqns: RECORDERS
 Date: 30-Mar-2021 12:16 PM

Age : 48 Years
 Height : 164 Cms
 Weight : 59 Kgs
 ID: 76555

Gender : Male
 Smoker : No
 Eth. Corr: 100
 Temp :



Spirometry(FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.04	03.27	108	-----	---	---
FEV1 (L)	02.42	02.74	113	-----	---	---
FEV1/FVC (%)	79.61	83.79	105	-----	---	---
FEF25-75 (L/s)	03.47	03.01	087	-----	---	---
PEFR (L/s)	08.14	05.49	067	-----	---	---
FIVC (L)	-----	03.01	---	-----	---	---
FEV.5 (L)	-----	02.15	---	-----	---	---
FEV3 (L)	02.95	03.24	110	-----	---	---
PIFR (L/s)	-----	03.80	---	-----	---	---
FEF75-85 (L/s)	-----	00.86	---	-----	---	---
FEF.2-1.2 (L/s)	06.04	05.18	086	-----	---	---
FEF 25% (L/s)	07.51	05.48	073	-----	---	---
FEF 50% (L/s)	05.22	03.80	073	-----	---	---
FEF 75% (L/s)	02.31	01.24	054	-----	---	---
FEV.5/FVC (%)	-----	65.75	---	-----	---	---
FEV3/FVC (%)	97.04	99.08	102	-----	---	---
FET (Sec)	-----	03.48	---	-----	---	---
ExptTime (Sec)	-----	00.12	---	-----	---	---
Lung Age (Yrs)	048	042	088	-----	---	---
FEV6 (L)	03.04	-----	---	-----	---	---
FIF25% (L/s)	-----	03.33	---	-----	---	---
FIF50% (L/s)	-----	03.73	---	-----	---	---
FIF75% (L/s)	-----	03.58	---	-----	---	---

Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Normal
 Spirometry

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic this report requires clinical or any clinical action.
 Kanchan Road, Opp. Bora Service,
 G.S. Road, Guwahati-781007
 Phone (0361) 246 1473 - 74
 E-mail guwahati@theapolloclinic.com

Apollo Clinic
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 Phone 9085619000(M)
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Accredited as per ISO - 15189 : 2012 - NABL Standards
 1ST NABL ACCREDITED LABORATORY IN ASSAM

Patient Name : Mr. MINARAM BASUMATARY
Age/Sex : 48 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FG UW.0000076555
Visit No : FG UWOPV114312
Bill Date : 30-03-2021 11:57
Report Date : 30-03-2021 13:00

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.

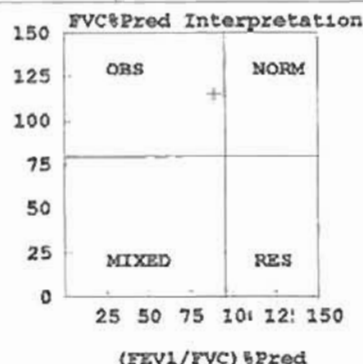
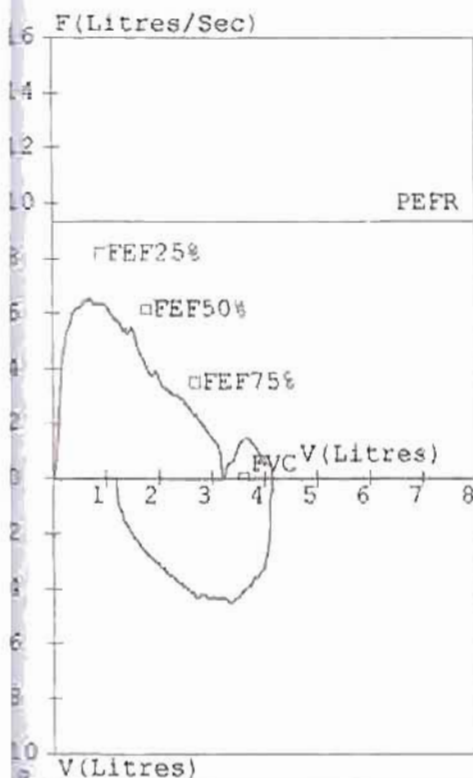


Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



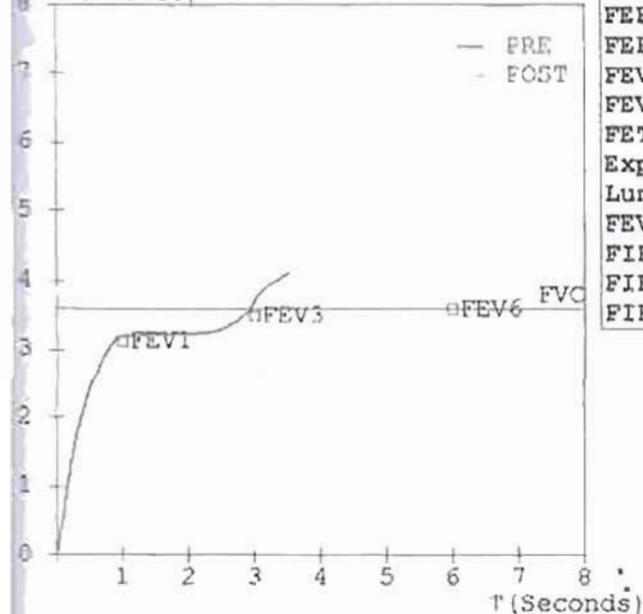
Patient: MR JIARUL HAQUE
 Ref. By: SELF
 Ref. Eqs: RECORDERS
 Date: 30-Mar-2021 12:17 PM

Age : 20 Years Gender : Male
 Height : 167 Cms Smoker : Yes
 Weight : 50 Kgs Eth. Corr: 100
 ID: 76552 Temp :



Spirometry (FVC Results)

Parameter	Pred	M. Pre	%Pred	M. Post	%Pred	%Imp
FVC (L)	03.58	04.12	115	---	---	---
FEV1 (L)	03.13	03.20	102	---	---	---
FEV1/FVC (%)	87.43	77.67	089	---	---	---
FEF25-75 (L/s)	04.78	03.04	064	---	---	---
PEFR (L/s)	09.34	06.45	069	---	---	---
FIVC (L)	---	02.95	---	---	---	---
FEV.5 (L)	---	02.41	---	---	---	---
FEV3 (L)	03.47	03.72	107	---	---	---
PIFR (L/s)	---	04.46	---	---	---	---
FEF75-85 (L/s)	---	00.21	---	---	---	---
FEF.2-1.2 (L/s)	08.10	05.97	074	---	---	---
FEF 25% (L/s)	08.18	06.18	076	---	---	---
FEF 50% (L/s)	06.14	03.32	054	---	---	---
FEF 75% (L/s)	03.50	01.29	037	---	---	---
FEV.5/FVC (%)	---	58.50	---	---	---	---
FEV3/FVC (%)	96.93	90.29	093	---	---	---
FET (Sec)	---	03.57	---	---	---	---
ExptTime (Sec)	---	00.07	---	---	---	---
Lung Age (Yrs)	020	020	100	---	---	---
FEV6 (L)	03.58	---	---	---	---	---
FIF25% (L/s)	---	01.42	---	---	---	---
FIF50% (L/s)	---	03.56	---	---	---	---
FIF75% (L/s)	---	04.33	---	---	---	---



Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
 Mild Obstruction as (FEV1/FVC)%Pred < 95 and FVC%Pred > 80

Small airway obstruction
disorder
room

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic this report require clinical correlation. Apollo Clinic this report require any clinical action.
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Patient Name : Mr. JIARUL HAQUE
Age/Sex : 20 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FG UW.0000076552
Visit No : FG UWOPV114309
Bill Date : 30-03-2021 11:52
Report Date : 30-03-2021 13:04

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.



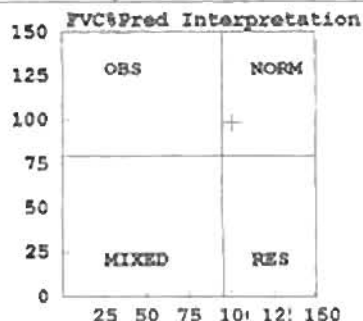
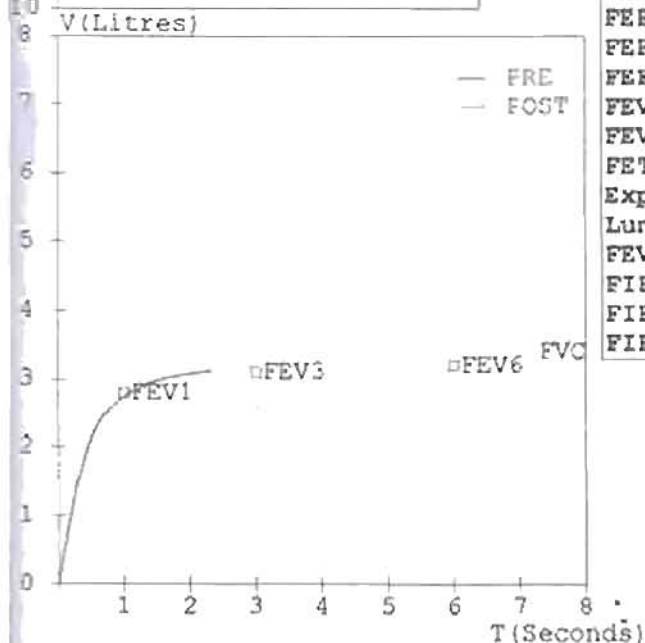
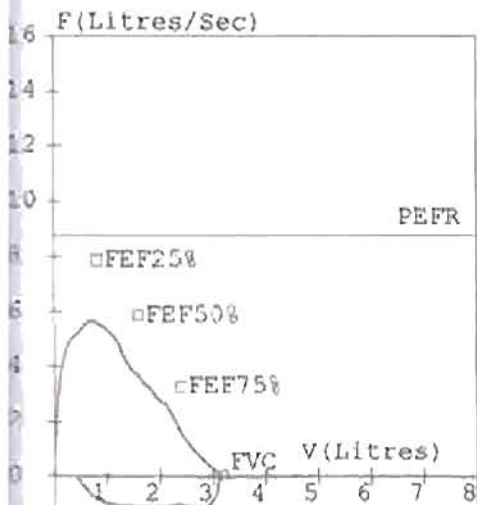
Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



Patient: MR. MOFIDUL ISLAM
 Ref. By: SELF
 Med. Eqs: RECORDERS
 Date: 30-Mar-2021 12:29 PM

Age : 23 Years
 Height : 160 Cms
 Weight : 50 Kgs
 ID: 76551

Gender : Male
 Smoker : Yes
 Eth. Corr: 100
 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.19	03.15	099	-----	---	---
FEV1 (L)	02.79	02.77	099	-----	---	---
FEV1/FVC (%)	87.46	87.94	101	-----	---	---
FEF25-75 (L/s)	04.52	03.38	075	-----	---	---
PEFR (L/s)	08.74	05.62	064	-----	---	---
FIVC (L)	-----	02.72	---	-----	---	---
FEV.5 (L)	-----	02.14	---	-----	---	---
FEV3 (L)	03.09	03.15	102	-----	---	---
PIFR (L/s)	-----	01.17	---	-----	---	---
FEF75-85 (L/s)	-----	01.15	---	-----	---	---
FEF.2-1.2 (L/s)	07.54	05.17	069	-----	---	---
FEF 25% (L/s)	07.87	05.55	071	-----	---	---
FEF 50% (L/s)	05.87	03.64	062	-----	---	---
FEF 75% (L/s)	03.28	01.72	052	-----	---	---
FEV.5/FVC (%)	-----	67.94	---	-----	---	---
FEV3/FVC (%)	96.87	100.00	103	-----	---	---
FET (Sec)	-----	02.49	---	-----	---	---
ExptTime (Sec)	-----	00.12	---	-----	---	---
Lung Age (Yrs)	023	023	100	-----	---	---
FEV6 (L)	03.19	-----	074	-----	---	---
FIF25% (L/s)	-----	01.09	---	-----	---	---
FIF50% (L/s)	-----	01.07	---	-----	---	---
FIF75% (L/s)	-----	01.11	---	-----	---	---

Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70

Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Normal Spirometry



Patient Name : Mr. MOFIDUL ISLAM
Age/Sex : 23 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FG UW.0000076551
Visit No : FG UWOPV114308
Bill Date : 30-03-2021 11:51
Report Date : 30-03-2021 13:05

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.

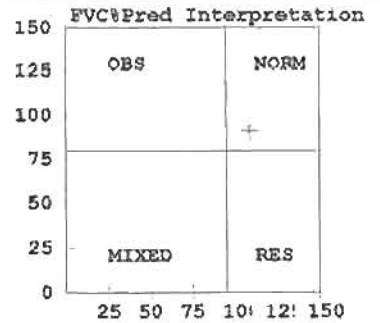
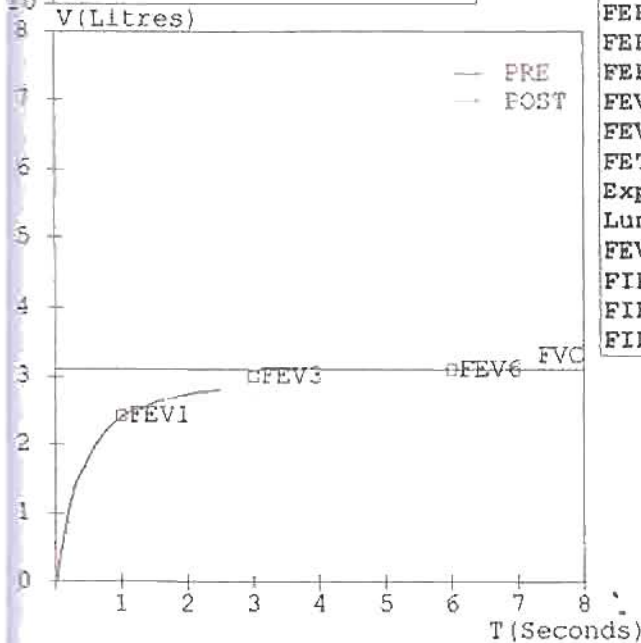
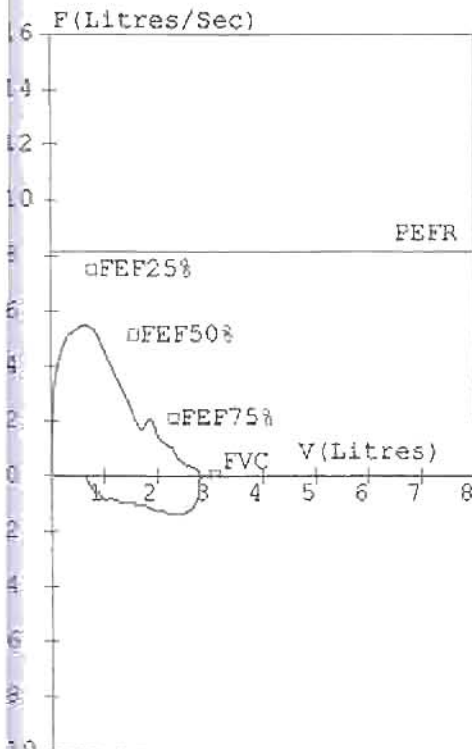


Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist



Patient: MR. KALPA CHAMUAH
 Id. By: SELF
 Ed. Eqns: RECORDERS
 te : 30-Mar-2021 12:37 PM

Age : 54 Years Gender : Male
 Height : 167 Cms Smoker : No
 Weight : 60 Kgs Eth. Corr: 100
 ID: 76546 Temp :



Spirometry (FVC Results)

Parameter	Pred	M. Pre	%Pred	M. Post	%Pred	%Imp
FVC (L)	03.10	02.82	091	-----	---	---
FEV1 (L)	02.42	02.40	099	-----	---	---
FEV1/FVC (%)	78.06	85.11	109	-----	---	---
FEF25-75 (L/s)	03.25	02.49	077	-----	---	---
PEFR (L/s)	08.15	05.42	067	-----	---	---
FIVC (L)	-----	02.15	---	-----	---	---
FEV.5 (L)	-----	01.80	---	-----	---	---
FEV3 (L)	03.01	02.82	094	-----	---	---
PIFR (L/s)	-----	01.38	---	-----	---	---
FEF75-85 (L/s)	-----	00.90	---	-----	---	---
FEF.2-1.2 (L/s)	05.78	04.82	083	-----	---	---
FEF 25% (L/s)	07.50	05.36	071	-----	---	---
FEF 50% (L/s)	05.12	02.79	054	-----	---	---
FEF 75% (L/s)	02.10	01.21	058	-----	---	---
FEV.5/FVC (%)	-----	63.83	---	-----	---	---
FEV3/FVC (%)	97.10	100.00	103	-----	---	---
FET (Sec)	-----	02.63	---	-----	---	---
ExptTime (Sec)	-----	00.12	---	-----	---	---
Lung Age (Yrs)	054	055	102	-----	---	---
FEV6 (L)	03.10	-----	---	-----	---	---
FIF25% (L/s)	-----	00.29	---	-----	---	---
FIF50% (L/s)	-----	01.36	---	-----	---	---
FIF75% (L/s)	-----	01.20	---	-----	---	---

Pre Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Normal
Apollon
room

R.K. Life Services Pvt Ltd. (CIN. No : U85110AS2002PTC006987)

Apollo Clinic this report requires clinical action. Apollo Clinic any clinical action.
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 1ST NABL ACCREDITED LABORATORY IN ASSAM

Patient Name : Mr. KALPA CHAMUAH
Age/Sex : 54 Y/M
Pres Doctor :
Ref.by : SELF

MR No : FG UW.0000076546
Visit No : FG UWOPV114301
Bill Date : 30-03-2021 11:42
Report Date : 30-03-2021 13:10

CHEST (PA VIEW)

Lung fields do not reveal any active parenchymal lesion.

Pleural angles are clear and domes of the diaphragm are of normal contour.

Cardio-thoracic ratio is within normal limits.

Hilar shadows are normal.

Bony thorax is intact.

Soft tissue shadows are normal.

- RADIOGRAPH IS ESSENTIALLY WITHIN NORMAL LIMITS.



Dr. Madhurjya Pd Talukdar
MBBS, MD
Consultant Radiologist

