

Correspondence Office :

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E-mail: helpdesk@topcem.in Fax: 036123454

Ref: TI/MEF/0A/19-20/03

Email id-qcti@topcem.in

Date: 29th May 2019

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 for the period of October'2018 to March'2019 in respect of Cement Grinding Unit (OPC/PPC, 0.66 MTPA) at P.O. Gauripur, District Kamrup Rural, Assam

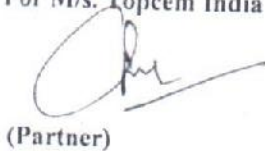
REF.: ENVIRONMENTAL CLEARANCE LETTER F.No. No. J-11011/608/2009-IA II (I), Dated July 22, 2010.
Amendment of Environmental Clearance Letter: No. J-11011/608/2009-IA II (I), Dated 2nd June, 2011.

Respected Sir,

With reference to the Environmental Clearance obtained from MoEF&CC we are hereby enclosing the Six Monthly Compliance Report for the period October'2018 to March'2019 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

Central Pollution Control Board
क्षेत्रीय निदेशालय उत्तर पूर्व शिलांग - ७९३०१४
Regional Directorate - North East, Shillong - 793014
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
Ministry of Environment, Forest & Climate Change, Govt. of India

RECEIPT NO

DATED

Rebecca

04.06.19



TOPCEM INDIA

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: 0361234541

Email id-qcti@topcem.in

Date: 29th May 2019

Ref: TI/MEF/0A/19-20/02

To,
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

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(Partner)

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Bamunimaidam, Guwahati- 21
2. 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



ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR PERIOD OF OCTOBER 2018 TO MARCH 2019

Project Name

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

Submitted By



Prepared by





**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
PERIOD OF OCTOBER 2018 TO MARCH 2019**

PROJECT DETAILS

**Name of ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT
Publication FOR PERIOD OF OCTOBER 2018 TO MARCH 2019**

Project Number Version 2 Released 26th May 2019

CONTACT DETAILS

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Environmental Clearance Compliance Report (October 2018 to March 2019)



**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
THE PERIOD OF OCTOBER 2018 to MARCH 2019**

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	<ul style="list-style-type: none">▪ 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/)▪ 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-I.
ii.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No.: 826(E), dated: 16 th 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. Other than SO _x , NO _x and PM rest of parameters are found very minute quantity in the air so we are monitoring them once in a year. The report is already submitted with previous compliance report for period of April 2018 to Sep 2018.
iii.	Gaseous emission levels	We are controlling fugitive emission from all

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
	including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB should be followed	<p>the sources within the latest permissible limits issued by the MoEF&CC guidelines using Bag filters & water sprinkling system and also monitoring the parameters as per guideline.</p> <p>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.</p> <p>Refer Annexure-I for monitoring data.</p>
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.	<ul style="list-style-type: none"> ▪ 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 21 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-II. ▪ 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 HDPE bags and after cutting bags we are feeding the fly ash to hopper through belt conveyor.
v.	Asphalting/concreting of roads and water spray all around the 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	<ul style="list-style-type: none"> ▪ Concreting of road has done and upto 87.5% has covered. We ensure that we have installed in total 90 nubmers of water Sprinklers around loading/unloading areas, internal roads and near plantation area. The Fugitive emission result on six locations (as mentioned in EIA/EMP report) and collection of PUC certificate data of vehicles

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
	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.	entering within the plant are attached with this report as Annexure-I and Annexure-III .
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.	<p>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.</p> <p>We have separate parking areas for trucks and PUC certificate is check regularly to control the vehicular emission.</p>
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 outside the factory premises and zero discharge shall be adopted.	<ul style="list-style-type: none"> ▪ 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 does not exceed 60 m³/day. ▪ Being a Zero Discharge unit no waste water 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

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
		<p>constructed for recycle water being used in washing of vehicles.</p> <ul style="list-style-type: none"> 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. The photos of rain water harvesting are submitted already with previous Compliance report Oct'17 to March' 18.
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.	<ul style="list-style-type: none"> 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. ETP has been also constructed near plant workshop.
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.	<p>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.</p> <p>The copy of letter is already submitted to MoEF Regional Office, Shillong along with compliance report for the period of Oct'2015 to March'2016.</p>
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.

A. Specific conditions:

Sl.No.	Compliance Conditions	Compliance Status
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 2018-19 is submitted with previous compliance report. Accordingly Corporate Social responsibility activities are being followed. The costing details of CSR activities completed in this period (October'18 to March'19) are attached as Annexure-IV .
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 2019-20 from ASPCB under water Act-

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
		1974 and Air Act-1981 vide APCB letter no.: WB/GUW/T-1241/PT-I/12-13/246/1508 dated 24/01/19.
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. Prior approval of the Ministry of Environment and Forests will be taken for further expansion or modifications in the plant, if any.
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 .
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 Assam Pollution Control Board vide Letter no WB/LB-81/Amb/09-10/33/1327 dated 26 th August 2011. <ul style="list-style-type: none"> Analysis results on ambient air quality and stack emissions test report are attached as Annexure -I. 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 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	Being a zero discharge unit no Industrial waste water is generated. We are using Sewage Treatment plant (STP) for treating waste water approx 15 KLD. The treated wastewater is being used for plantation and other purpose like spraying on roads and dust suppression.

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	plantation purpose.	
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 i.e. 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 85 dB(A). Noise monitoring reports are enclosed as Annexure-I .
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. The latest Occupational health surveillance of the workers' Report copies are attached here 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. The photograph of rain water harvest already submitted with last compliance report submitted.
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 supply and health care etc.	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.
x.	Requisite amount of funds shall be earmarked for the environment pollution control measures to implement the	The fund expenses for environment pollution control measures in FY 2018-19 as per EC granted by MOEF are attached as Annexure-V . Implementation schedule for implementing all

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	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.	conditions stipulated has already submitted to Regional Office of the Ministry of Environment and Forest at Shillong.
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 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	<ul style="list-style-type: none"> 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
	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.	<p>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.</p> <p>Last EC Compliance report for the period April'2018 to September'2018 was submitted vide letter no. TI/MEF/0A/18-19/10 dated 4th December 2018 to the competent authorities.</p>
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 statements for year ending March 2019 was submitted vide our letter No. TI/MEF/0A/18-19/01 dtd 26 th April 2019 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 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	We have followed the condition as directed.

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	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 and informed to the Ministry's regional Office, Shillong.
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-1997.	We are agreed with the condition and assure that we are implementing the condition.
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 Transboundry movement	We are agreed with the condition and assure that we are implementing the condition.



**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
PERIOD OF OCTOBER 2018 TO MARCH 2019**

B. General conditions:

Sl.No.	Compliance Conditions	Compliance Status
	Rules-2008 and the Public (Insurance) Liability Act-1991 along with their amendments and Rules.	



ANNEXURE-I

MONITORING REPORTS OF AMBIENT AIR QUALITY, AMBIENT NOISE, STACK EMISSION AND FUGITIVE EMISSION

Issued to :

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



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India Private Limited

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www.abctechnolab.com

(An ISO : 9001, ISO : 14001, OHSAS : 18001 & ISO : 22000 Certified Company)

ACCREDITED BY NABL, ISO/IEC 17025 : 2005, QUALITY COUNCIL OF INDIA
RECOGNISED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MoEFCC), GOVERNMENT OF INDIA
&
NOTIFIED BY FOOD SAFETY STANDARDS AND AUTHORITY OF INDIA (FSSAI)

TEST REPORT

Report number : ABCTL/20181022/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Ambient Noise Level Monitoring
Date of sampling : 22-10-2018 & 23-10-2018
Report date : 25-10-2018

Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]
N1	Near Highway & Truck Parking	69.4
N2	Near Workshop & Staff Quarter	69.9
N3	Near Packing Plant	70.6
N4	Near Cement Mill	71.2

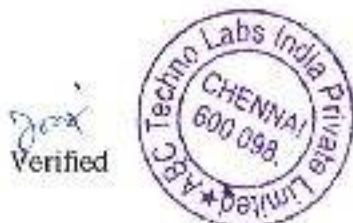
Remarks: Noise level are carried out during day time.

Method: IS: 9989-1981(Reaff: 2001)

Ambient Noise Standard

.....END OF REPORT.....

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



[Signature]
A Robson Chinnadurai
Technical Manager

Terms and conditions:

* The test results are valid only for the sample tested. The test report shall not be reproduced in full or part without the written approval of ABC. * The test items will not be tested for more than 10 days from the date of issue of test report. In the case of perishable items or special request requested by the customer. * The laboratory's responsibility under this report is for the test item as per the request and will not extend to more than the involved amount. * The test report is issued for the purpose of identifying the characteristics and not intended to use for any publicity or litigation purposes.

Issued to :

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



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India Private Limited

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lab@abctechnolab.com
www.abctechnolab.com

(An ISO : 9001, ISO : 14001, OHSAS : 18001 & ISO : 22000 Certified Company)

ACCREDITED BY NABL, ISO/IEC 17025 : 2005, QUALITY COUNCIL OF INDIA
RECOGNISED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MoEFCC), GOVERNMENT OF INDIA
&
NOTIFIED BY FOOD SAFETY STANDARDS AND AUTHORITY OF INDIA (FSSAI)

TEST REPORT

Report number	:	ABCTL/20161022/STK/ S1
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	22-10-2016
Report date	:	25-10-2016

Page 1 of 1

S.No	Stack Description	PM (mg/Nm ³)	SO ₂ (mg/Nm ³)	NO _x (mg/Nm ³)
1	Stack attached to Cement Mill	15.5	Not Detected	Not Detected
	MoEF Standards	30	Not Specified	Not Specified

Method: IS 11255 Part 1 (Reaff.2003) and Flue Gas Analyser

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.

Bag filter is attached to Cement mill.

...END OF REPORT...



Verified



A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number	:	ABCTL/20181022/STK/ S1-S4
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	22-10-2018 & 23-10-2018
Report date	:	25-10-2018

Page 1 of 1

Date of Sampling	Stack Details	PM (mg/Nm ³)
22-10-2018	Stack attached to DG Set 1500 KVA - 1	46.5
22-10-2018	Stack attached to DG Set 1500 KVA - 2	49.4
23-10-2018	Stack attached to DG Set 1500 KVA - 3	50.2
23-10-2018	Stack attached to DG Set 1500 KVA - 4	48.5
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

....END OF REPORT....



2018
Verified



A. Robson Chinnadurai
25/10/18

A. Robson Chinnadurai
Technical Manager

Terms and conditions :

a. This report is valid only as the data tested. b. This report is not to be used for any other purpose without the written approval of ABC. c. The test report will not be retained for more than 10 days for the client. d. Results of tests used in this report are preliminary and subject to change. e. The test report is valid only under the conditions specified in the report. f. The test report is not to be used for any other purpose without the written approval of ABC. g. The test report is not to be used for any other purpose without the written approval of ABC. h. The test report is not to be used for any other purpose without the written approval of ABC. i. The test report is not to be used for any other purpose without the written approval of ABC. j. The test report is not to be used for any other purpose without the written approval of ABC. k. The test report is not to be used for any other purpose without the written approval of ABC. l. The test report is not to be used for any other purpose without the written approval of ABC. m. The test report is not to be used for any other purpose without the written approval of ABC. n. The test report is not to be used for any other purpose without the written approval of ABC. o. The test report is not to be used for any other purpose without the written approval of ABC. p. The test report is not to be used for any other purpose without the written approval of ABC. q. The test report is not to be used for any other purpose without the written approval of ABC. r. The test report is not to be used for any other purpose without the written approval of ABC. s. The test report is not to be used for any other purpose without the written approval of ABC. t. The test report is not to be used for any other purpose without the written approval of ABC. u. The test report is not to be used for any other purpose without the written approval of ABC. v. The test report is not to be used for any other purpose without the written approval of ABC. w. The test report is not to be used for any other purpose without the written approval of ABC. x. The test report is not to be used for any other purpose without the written approval of ABC. y. The test report is not to be used for any other purpose without the written approval of ABC. z. The test report is not to be used for any other purpose without the written approval of ABC.

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TEST REPORT

Report number : ABCTL/20181022/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Source Noise Level Monitoring - DG set
Date of sampling : 22-10-2018 & 23-10-2018
Report date : 25-10-2018

Page 1 of 1

S. No.	Location	Noise Level [dB(A)]Leq 1 m distance from acoustic enclosure Closed
N1	1500 KVA DG Set-1	70.5
N2	1500 KVA DG Set-2	70.1
N3	1500 KVA DG Set-3	68.3
N4	1500 KVA DG Set-4	69.0

Method: IS: 4758-1960(Reaff: 2002)-Source

.....END OF REPORT.....



Verified

A. Robson Chinnadurai
25/10/18

A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number : ABC/CL/20181119/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Ambient Noise Level Monitoring
Date of sampling : 19-11-2018 & 20-11-2018
Report date : 22-11-2018

Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]
N1	Near Highway & Truck Parking	69.5
N2	Near Workshop & Staff Quarter	71.2
N3	Near Packing Plant	69.8
N4	Near Cement Mill	72.0

Remarks: Noise level are carried out during day time.

Method: IS: 9989-1981 (Reaff: 2001)

Ambient Noise StandardEND OF REPORT.....

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



Verified



A Robson Chinnadurai
22/11/18
A Robson Chinnadurai
Technical Manager

Terms and conditions :

- The test was performed only to the extent stated in this test report and the test results are not to be used in any other way without the written approval of ABC.
- The test results will not be maintained for more than 15 days from the date of issuance of test report to the client.
- The test results are not to be used for any other purpose than the one for which they were requested by the customer.
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TEST REPORT

Report number	:	ABCTL/20181119/STK/ S1
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	19-11-2018
Report date	:	22-11-2018

Page 1 of 1

S.No	Stack Description	PM (mg/Nm ³)	SO _x (mg/Nm ³)	NO _x (mg/Nm ³)
1	Stack attached to Cement Mill	15.2	Not Detected	Not Detected
MoEF Standards		30	Not Specified	Not Specified

Method: IS 11255 Part 1 (Reaff.2003) and Flue Gas Analyser

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
Bag filter is attached to Cement mill.

....END OF REPORT....



Verified



A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number	:	ABCTL/20181119/STK/ S1-S4
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	19-11-2018 & 20-11-2018
Report date	:	22-11-2018

Page 1 of 1

Date of Sampling	Stack Details	PM (mg/Nm ³)
19-11-2018	Stack attached to DG Set 1500 KVA - 1	40.7
19-11-2018	Stack attached to DG Set 1500 KVA - 2	49.6
20-11-2018	Stack attached to DG Set 1500 KVA - 3	47.8
20-11-2018	Stack attached to DG Set 1500 KVA - 4	48.6
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

....END OF REPORT....



Verified



Jr. J. Chinnadurai
22/11/18

A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number : ABCTL/20181119/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Source Noise Level Monitoring -DG set.
Date of sampling : 19-11-2018 & 20-11-2018
Report date : 22-11-2018

Page 1 of 1

S. No.	Location	Noise Level [dB(A)] _{Leq} 1 m distance from acoustic enclosure Closed
N1	1500 KVA DG Set-1	73.2
N2	1500 KVA DG Set-2	71.3
N3	1500 KVA DG Set-3	69.1
N4	1500 KVA DG Set-4	70.3

Method: IS: 4750-1968(Reaff: 2002)-Source

.....END OF REPORT.....



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A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number : ABCTI/20181221/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Ambient Noise Level Monitoring
Date of sampling : 21-12-2018 & 22-12-2018
Report date : 24-12-2018

Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]
N1	Near Highway & Truck Parking	69.1
N2	Near Workshop & Staff Quarter	71.5
N3	Near Packing Plant	70.6
N4	Near Cement Mill	71.8

Remarks: Noise level are carried out during day time.

Method: IS: 9989-1981(Reaff: 2001)

Ambient Noise Standard

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

.....END OF REPORT.....



Verified



A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number	:	ABCTL/20181221/STK/ S1
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	21-12-2018
Report date	:	24-12-2018

Page 1 of 1

S.No	Stack Description	PM (mg/Nm ³)	SO _x (mg/Nm ³)	NO _x (mg/Nm ³)
1	Stack attached to Cement Mill	16	Not Detected	Not Detected
MoEF Standards		30	Not Specified	Not Specified

Method: IS 11255 Part 1 (Reaff.2003) and Flue Gas Analyser

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
Bag filter is attached to Cement mill.

....END OF REPORT....



Verified



A. Robson Chinnadurai
24/12/18
A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number	:	ABCTL/20181221/STR/ S1-S4
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	21-12-2018 & 22-12-2018
Report date	:	24-12-2018

Page 1 of 1

Date of Sampling	Stack Details	PM (mg/Nm ³)
21-12-2018	Stack attached to DG Set 1500 KVA - 1	45.4
21-12-2018	Stack attached to DG Set 1500 KVA - 2	46.8
22-12-2018	Stack attached to DG Set 1500 KVA - 3	46.6
22-12-2018	Stack attached to DG Set 1500 KVA - 4	49.8
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

....END OF REPORT....



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A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number : ABCTL/20181221/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Source Noise Level Monitoring -DG set
Date of sampling : 21-12-2018 & 22-12-2018
Report date : 24-12-2018

Page 1 of 1

S. No.	Location	Noise Level [dB(A)] _{Leq} 1 m distance from acoustic enclosure Closed
N1	1500 KVA DG Set-1	71.9
N2	1500 KVA DG Set-2	70.8
N3	1500 KVA DG Set-3	68.2
N4	1500 KVA DG Set 4	68.1

Method: IS: 4758-1968(Reaff: 2002)-Source

.....END OF REPORT.....



Verified



A. Robson Chinnadurai
24/12/18

A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number : ABCTL/20190117/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Ambient Noise Level Monitoring
Date of sampling : 17-01-2019 & 18-01-2019
Report date : 20-01-2019

Page 1 of 1

S. No.	Location /Source	Noise Level in L_{eq} [dB(A)]
N1	Near Highway & Truck Parking	68.7
N2	Near Workshop & Staff Quarter	71.2
N3	Near Packing Plant	71.4
N4	Near Cement Mill	69.7

Remarks: Noise level are carried out during day time.

Method: IS: 9989-1981(Reaff: 2001)

Ambient Noise Standard

Area Code	Category of area	Limits in dB(A) L_{eq}	
		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

.....END OF REPORT.....



Verified



[Signature]
A. Robson Chinnadurai
Technical Manager
20/01/19

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TEST REPORT

Report number	:	ABCTL/20190117/STK/ S1
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	17-01-2019
Report date	:	20-01-2019

Page 1 of 1

S.No	Stack Description	PM (mg/Nm ³)	SO _x (mg/Nm ³)	NO _x (mg/Nm ³)
1	Stack attached to Cement Mill	16.4	Not Detected	Not Detected
	MoEF Standards	30	Not Specified	Not Specified

Method: IS 11255 Part 1 (Reaff.2003) and Flue Gas Analyser

REMARKS: Production capacity of the cement plant is 0.66 MTPA.
Bag filter is attached to Cement mill.

....END OF REPORT....



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A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number	:	ABCTI/20190117/STK/ S1-S4	
Sample drawn by	:	ABC Techno Labs India Private Limited	
Sample description	:	Source Emission Monitoring	
Date of sampling	:	17-01-2019 & 18-01-2019	
Report date	:	20-01-2019	Page 1 of 1

Date of Sampling	Stack Details	PM (mg/Nm ³)
17-01-2019	Stack attached to DG Set 1500 KVA - 1	46.8
17-01-2019	Stack attached to DG Set 1500 KVA - 2	48.9
18-01-2019	Stack attached to DG Set 1500 KVA - 3	50.6
18-01-2019	Stack attached to DG Set 1500 KVA - 4	47.4
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

...END OF REPORT...



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[Signature]
20/01/19

A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number : ABCTL/20190117/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Source Noise Level Monitoring -DG set
Date of sampling : 17-01-2019 & 18-01-2019
Report date : 20-01-2019

Page 1 of 1

S. No.	Location	Noise Level [dB(A)] Leq 1 m distance from acoustic enclosure Closed
N1	1500 KVA DG Set-1	69.6
N2	1500 KVA DG Set-2	71.5
N3	1500 KVA DG Set-3	71.3
N4	1500 KVA DG Set-4	69.5

Method: IS: 4750-1968(Reaff: 2002)-Source

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A. Robson Chinnadural

A. Robson Chinnadural
Technical Manager

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TEST REPORT

Report number : ABC/TL/20190211/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Ambient Noise Level Monitoring
Date of sampling : 11-02-2019 & 12-02-2019
Report date : 14-02-2019

Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]
N1	Near Highway & Truck Parking	66.8
N2	Near Workshop & Staff Quarter	67.6
N3	Near Packing Plant	67.8
N4	Near Cement Mill	68.3

Remarks: Noise level are carried out during day time.

Method: IS: 9989-1981 (Reaff: 2001)

Ambient Noise Standard

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

.....END OF REPORT.....



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A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager

14/02/19

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TEST REPORT

Report number	:	ABCTL/20190211/STK/ S1
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	11-02-2019
Report date	:	14-02-2019

Page 1 of 1

S.No	Stack Description	PM (mg/Nm ³)	SO _x (mg/Nm ³)	NO _x (mg/Nm ³)
1	Stack attached to Cement Mill	16.8	Not Detected	Not Detected
MoEF Standards		30	Not Specified	Not Specified

Method: IS 11255 Part 1 (Reaff.2003) and Flue Gas Analyser

REMARKS: -Production capacity of the cement plant is 0.66 MTPA.
Bag filter is attached to Cement mill.

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A. Robson Chinnadural
A. Robson Chinnadural
Technical Manager

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TEST REPORT

Report number	:	ABCTL/20190211/STK/ S1-S4
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	11-02-2019 & 12-02-2019
Report date	:	14-02-2019

Page 1 of 1

Date of Sampling	Stack Details	PM (mg/Nm ³)
11-02-2019	Stack attached to DG Set 1500 KVA - 1	48.4
11-02-2019	Stack attached to DG Set 1500 KVA - 2	50.8
12-02-2019	Stack attached to DG Set 1500 KVA - 3	51.4
12-02-2019	Stack attached to DG Set 1500 KVA - 4	50.6
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

...END OF REPORT...



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A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager
14/02/19

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TEST REPORT

Report number : ABCTL/20190211/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Source Noise Level Monitoring -DG set.
Date of sampling : 11-02-2019 & 12-02-2019
Report date : 14-02-2019

Page 1 of 1

S. No.	Location	Noise Level [dB(A)] _{Leq} 1 m distance from acoustic enclosure (closed)
N1	1500 KVA DG Set-1	71.9
N2	1500 KVA DG Set-2	72.3
N3	1500 KVA DG Set-3	73.1
N4	1500 KVA DG Set-4	74.2

Method: IS: 4758-1968(Reaff: 2002)-Source

.....END OF REPORT.....



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[Signature] 14/2/19

A. Robson Chinnadurai
Technical Manager

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TEST REPORT

Report number	:	ABCTL/20190330/AAQ/ A1-A4
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Ambient Air Quality Monitoring
Date of sampling	:	29-03-2019 & 30-03-2019
Analysis commenced on	:	02-04-2019
Analysis Completed on	:	05-04-2019
Report date	:	05-04-2019

Page 1 of 1

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)	29-03-2019	Near highways & Truck parking	Clear	59.6	36.91	15.30	5.8
ii)		Near workshop & staff quarter		49.6	31.10	14.3	3.7
iii)	30-03-2019	Near Switch yard		49.0	29.73	13.7	4.9
iv)		Near Truck Tippler		60.4	33.5	15.4	6.2

Remarks: All parameters are within the permissible limit.

National Ambient Air Quality Standards:

Sl. No.	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and other area	
1	Sulphur Dioxide SO ₂ ($\mu\text{g}/\text{m}^3$)	Annual	50	
		24 Hours	80	
2	Nitrogen Dioxide (NO ₂) ($\mu\text{g}/\text{m}^3$)	Annual	40	
		24 Hours	80	
3	Particulate Matter PM ₁₀ ($\mu\text{g}/\text{m}^3$)	Annual	60	
		24 Hours	100	
4	Particulate Matter PM _{2.5} ($\mu\text{g}/\text{m}^3$)	Annual	40	
		24 Hours	60	

....END OF REPORT....

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A. Rohson Chinnadurai
Technical Manager

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TEST REPORT

Report number	:	ABCTL/20190330/IAQ/ A1-A6
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Fugitive Emission Monitoring
Date of sampling	:	29-03-2019 & 30-03-2019
Report date	:	05-04-2019

Page 1 of 1

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)	29/03/19	Near Main Gate	1043.58	-Water spraying is done to control the fugitive emission.
ii)		Near Fly Ash Yard	961.99	
iii)		Near Packing Loading Area	1458.08	
iv)	30/03/19	Near Packing Area	1283.43	-All materials are stored in closed sheds to mitigate fugitive emission.
v)		Near Bag Filter	408.43	
vi)		Near Truck Tippler	1166.84	

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Technical Manager

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TEST REPORT

Report number : ABCTL/20190328/NS/N1-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Ambient Noise Level Monitoring
Date of sampling : 28-03-2019 & 29-03-2019
Report date : 01-04-2019

Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]
N1	Near Highway & Truck Parking	72.2
N2	Near Workshop & Staff Quarter	71.3
N3	Near Packing Plant	69.7
N4	Near Cement Mill	70.4

Remarks: Noise level are carried out during day time,
Method: IS: 9969-1981 (Reaff: 2001)

Ambient Noise Standard

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

.....END OF REPORT.....



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A. Robson Chinnadurai
Technical Manager
01/04/19

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TEST REPORT

Report number	:	ABCTL/20190328/STK/ S1
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	28-03-2019
Report date	:	01-04-2019

Page 1 of 1

S.No	Stack Description	PM (mg/Nm ³)	SO _x (mg/Nm ³)	NO _x (mg/Nm ³)
1	Stack attached to Cement Mill	17	Not Detected	Not Detected
MoEF Standards		30	Not Specified	Not Specified

Method: IS 11255 Part 1 (Reaff.2003) and Flue Gas Analyser

REMARKS: Production capacity of the cement plant is 0.66 MTPA.
Bag filter is attached to Cement mill.

...END OF REPORT...



mix
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A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager
8/10/19

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NOTIFIED BY FOOD SAFETY STANDARDS AND AUTHORITY OF INDIA (FSSAI)

TEST REPORT

Report number	:	ABCTL/20190320/STK/ S1-S4
Sample drawn by	:	ABC Techno Labs India Private Limited
Sample description	:	Source Emission Monitoring
Date of sampling	:	28-03-2019 & 29-03-2019
Report date	:	01-04-2019

Page 1 of 1

Date of Sampling	Stack Details	PM (mg/Nm ³)
28-03-2019	Stack attached to DG Set 1500 KVA - 1	49.8
28-03-2019	Stack attached to DG Set 1500 KVA - 2	51.9
29-03-2019	Stack attached to DG Set 1500 KVA - 3	50.8
29-03-2019	Stack attached to DG Set 1500 KVA - 4	51.7
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

...END OF REPORT...



Verified



A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager

Terms and conditions :

1. This report is valid only to the item tested. 2. The test report will not be reproduced in full or part without the written approval of ABC. 3. The test items will be returned to owner within 10 days from the date of issue of test report. 4. In case of perishing, loss or destruction of test report, the laboratory's responsibility under this report is limited to re-issue of test report and will not cover for more than the invoice amount. 5. This test report is issued for the purpose of identifying the characteristic and is not intended to be used for any other purpose.

Issued to :

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



ABC Techno Labs®
India Private Limited

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(An ISO : 9001, ISO : 14001, OHSAS : 18001 & ISO : 22000 Certified Company)

ACCREDITED BY NABL, ISO/IEC 17025 : 2005, QUALITY COUNCIL OF INDIA
RECOGNISED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MoEFCC), GOVERNMENT OF INDIA
&
NOTIFIED BY FOOD SAFETY STANDARDS AND AUTHORITY OF INDIA (FSSAI)

TEST REPORT

Report number : ABCTL/20190328/NS/NI-N4
Sample drawn by : ABC Techno Labs India Private Limited
Sample description : Source Noise Level Monitoring -DG set
Date of sampling : 28-03-2019& 29-03-2019
Report date : 01-04-2019

Page 1 of 1

S. No.	Location	Noise Level [dB(A)]Leq
		1 m distance from acoustic enclosure Closed
N1	1500 KVA DG Set-1	72.4
N2	1500 KVA DG Set-2	70.1
N3	1500 KVA DG Set-3	71.5
N4	1500 KVA DG Set-4	69.4

Method: IS: 4758-1968(Reaff: 2002)-Source

.....END OF REPORT.....



Verified



A. Robson Chinnadurai
Technical Manager

Terms and conditions:

- The test results relate only to the items tested. The test report shall not be reproduced in any form without the written approval of ABC. The test items will not be returned for reuse.
- The test report shall be valid only if issued in the case of satisfactory test results, unless otherwise requested by the customer. The test report is not valid if the test results are not satisfactory.
- The test report is issued for the purpose of providing information and not for use as evidence in any legal proceedings.



ANNEXURE-II

DETAILS OF BAGFILTERS

TOPCEM INDIA

VILL & P.O :- GOURIPUR, AMINGAON, NORTH-GUWAHATI, ASSAM.

BAG FILTER DETAIL

Sl No	Details		
1	BAG FILTER LOCATION	TRUCK TRIPPLER	
	BAG FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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 FILTE 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		TRUCK LOADER DEDUSTING	
	BAG FILTE CODE		Not given	
	BAG LENGTH		3660 MM.	
	BAG DIA		160Ø	
	TOTAL NO OF BAGS		60 NOS	
	FLOW CAPACITY		8000 (AM ³ /HR)	
	NO OF CHAMBER		2 NOS	
21	BAG FILTER LOCATION		PACKER DEDUSTING	
	BAG FILTE CODE		541BF1	
	BAG LENGTH		3660 MM.	
	BAG DIA		160Ø	
	TOTAL NO OF BAGS		36 NOS.	
	FLOW CAPACITY		7500 (AM ³ /HR)	
	NO OF CHAMBER		2 NOS	



***ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
PERIOD OF OCTOBER 2018 TO MARCH 2019***

ANNEXURE-III POLLUTION UNDER CONTROL CERTIFICATES (PUC) OF VEHICLES

M/S TOPCEM INDIA						
PUC VEHICLE MOVEMENT WITHIN PLANT DATA						
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA		
				CO%	HC(ppm)	SD(HSU)
	1-Oct-18	4	AS01DC-9723	-	-	50.33
	1-Oct-18		AS01DC-9345	-	-	46.28
	1-Oct-18		AS01BC-7588	-	-	52.35
	1-Oct-18		AS-01EC-2197	-	-	32.60
	2-Oct-18	4	AS-01FC-7312	-	-	31.40
	2-Oct-18		AS01GC-6651	-	-	32.60
	2-Oct-18		AS-01EC-6272	-	-	36.40
	2-Oct-18		AS-01DD-5213	-	-	42.10
	3-Oct-18	5	AP-16TJ-0186	-	-	46.10
	3-Oct-18		NL-01L-0365			22.10
	3-Oct-18		AS01BC-2781			26.10
	3-Oct-18		NL-01Q-8581	-	-	16.10
	3-Oct-18		AS-01GC-6392	-	-	12.90
	4-Oct-18	4	AS01FC-0129	-	-	16.80
	4-Oct-18		AS01FC-9437	-	-	22.40
	4-Oct-18		AS01DC-9309	-	-	33.80
	4-Oct-18		AP-16TJ-0186	-	-	39.40
	5-Oct-18	5	AS01EC-2197	-	-	33.40
	5-Oct-18		RJ18GA-2905	-	-	13.60
	5-Oct-18		AS01CC-8496	-	-	44.20
	5-Oct-18		AS-01CC-7667	-	-	47.60
	5-Oct-18		UP32DN-4494	-	-	61.50
	6-Oct-18	5	AS-01EC-0135	-	-	55.10
	6-Oct-18		AS-01DD-7187	-	-	34.20
	6-Oct-18		AS-01FC-7035	-	-	27.80
	6-Oct-18		AP28TE-6224	-	-	40.60
	6-Oct-18		AS-25AC-1251	-	-	48.80
	7-Oct-18	4	AS-25AC-1264	-	-	38.90
	7-Oct-18		AS-25AC-1267	-	-	38.60
	7-Oct-18		AS-25AC-1268	-	-	41.20
	7-Oct-18		AS-25AC-1251	-	-	39.60
	8-Oct-18	4	AS-25AC-1252	-	-	37.60
	8-Oct-18		AS-25AC-1253	-	-	42.30
	8-Oct-18		AS-25AC-1254	-	-	26.20
	8-Oct-18		AP-16TJ-0186	-	-	52.20
	9-Oct-18	4	AS01DC-9737	-	-	53.40
	9-Oct-18		AS01DC-9345	-	-	26.20
	9-Oct-18		AS01DC-9632	-	-	42.10
	9-Oct-18		AS01BC-7588	-	-	45.70
	10-Oct-18	4	AS01BC-0055	-	-	36.90
	10-Oct-18		AP16TH-7677	-	-	51.80
	10-Oct-18		AS-01FC-7312	-	-	49.20
	10-Oct-18		AS-01EC-9286	-	-	48.10
	11-Oct-18		AS01DC-9737	-	-	38.90
	11-Oct-18		AS01GC-6651	-	-	15.90

Oct-18

11-Oct-18		AS-01GC-5842	-	-	36.30
11-Oct-18		AS-01FC-9906	-	-	41.20
11-Oct-18	5	AS-01EC-6272	-	-	22.60
12-Oct-18		AS-01EC-0659	-	-	29.40
12-Oct-18		AS-01DD-5535	-	-	32.40
12-Oct-18		AS-01DD-5213	-	-	41.10
12-Oct-18	4	AS-01AC-2395	-	-	26.80
13-Oct-18		AS01DC-9309	-	-	27.10
13-Oct-18		AP-16TJ-0186			30.10
13-Oct-18		AS01EC-2197			23.60
13-Oct-18		RJ18GA-2905			42.10
13-Oct-18	5	AS01CC-8496	-	-	56.10
14-Oct-18		AS-01CC-7667	-	-	59.10
14-Oct-18		UP32DN-4494	-	-	28.10
14-Oct-18		AS-01EC-0135	-	-	16.40
14-Oct-18		AS01CC-8496	-	-	28.11
14-Oct-18	5	AS-01DC-9732	-	-	42.10
15-Oct-18		AS-01CC-7667	-	-	56.00
15-Oct-18		AS-01FC-5275	-	-	32.00
15-Oct-18		NL-01K-1761	-	-	16.10
15-Oct-18	4	AS-01AC-7071	-	-	28.00
16-Oct-18		TR-01K-1728	-	-	19.80
16-Oct-18		AS-01GC-8855	-	-	40.60
16-Oct-18		TR01AB-1622	-	-	48.80
16-Oct-18	4	AS01CC-8579	-	-	38.90
17-Oct-18		AS-01EC-9476	-	-	38.60
17-Oct-18		AS-01BC-0799	-	-	41.20
17-Oct-18		AS-01CC-7239	-	-	39.60
17-Oct-18	4	AS-01C-3151	-	-	33.30
18-Oct-18		AS01CC-2590	-	-	27.10
18-Oct-18		NL01K-7665	-	-	56.20
18-Oct-18		AS-01AC-0911	-	-	32.60
18-Oct-18	4	AS01CC-2590	-	-	26.10
19-Oct-18		AS-01GC-8485	-	-	28.10
19-Oct-18		AS-01AC-8642	-	-	27.10
19-Oct-18		AS01DD-2058	-	-	44.10
19-Oct-18	4	AS-01DD-9886	-	-	56.10
20-Oct-18		AS01AC-5159	-	-	60.80
20-Oct-18		AS01BC-2351	-	-	61.40
20-Oct-18		AS01DD-1335	-	-	15.40
20-Oct-18		AS-01FC-9731	-	-	28.10
20-Oct-18	5	AS-01BC-2351	-	-	36.10
21-Oct-18		AS01EC-7849	-	-	46.10
21-Oct-18		AS-01EC-0373	-	-	56.10
21-Oct-18		AS-01EC-2678	-	-	28.10
21-Oct-18	4	AS-01EC-9417	-	-	29.30
22-Oct-18		AS01BC-1055	-	-	30.40
22-Oct-18		AS-25AC-1269	-	-	29.10
22-Oct-18		AS-01DC-9791	-	-	33.40
22-Oct-18		AS-25CC-3200	-	-	50.10

22-Oct-18	5	NL-01Q-8581	-	-	22.70
23-Oct-18	4	AS01AC-9441	-	-	47.10
23-Oct-18		AS01BC-2781	-	-	29.10
23-Oct-18		AS-01GC-0155	-	-	30.10
23-Oct-18		NL-01L-0365	-	-	28.10
24-Oct-18	4	AS-01AC-8113	-	-	16.60
24-Oct-18		AS-01DC-1525	-	-	28.10
24-Oct-18		AS-01DD-5213	-	-	26.40
24-Oct-18		AS-01FC-9906	-	-	28.40
25-Oct-18	4	AS-01EC-9286	-	-	61.70
25-Oct-18		AP16TH-7677	-	-	23.40
25-Oct-18		AS01DD-9576	-	-	17.40
25-Oct-18		AS01FC-1677	-	-	33.80
26-Oct-18	4	AS01BC-7588	-	-	34.90
26-Oct-18		AS01DC-9345	-	-	22.40
26-Oct-18		AS01DC-9309	-	-	45.10
26-Oct-18		AS01DC-9723	-	-	33.40
27-Oct-18	5	AP-16TJ-0186	-	-	38.10
27-Oct-18		AS01CC-4911	-	-	40.10
27-Oct-18		AS01GC-5244	-	-	36.10
27-Oct-18		NL01D-3840	-	-	34.40
27-Oct-18		AP-07TJ-0369	-	-	38.70
28-Oct-18	5	AS01CC-8496	-	-	42.40
28-Oct-18		AS-01DC-9732	-	-	46.10
28-Oct-18		AS01DD-1278	-	-	45.10
28-Oct-18		NL-01K-1761	-	-	46.80
28-Oct-18		UP32DN-4494	-	-	28.10
29-Oct-18	4	AS-01DD-2058	-	-	27.10
29-Oct-18		TR-01K-1728	-	-	19.50
29-Oct-18		AS-01GC-8855	-	-	45.80
29-Oct-18		TR01AB-1622	-	-	52.10
30-Oct-18	4	AS01CC-8579	-	-	53.90
30-Oct-18		AS-01EC-9476	-	-	59.10
30-Oct-18		AS-01FC-7035	-	-	28.10
30-Oct-18		AP28TE-6224	-	-	27.10
31-Oct-18	6	AP28TE-6225	-	-	33.10
31-Oct-18		AS-01DD-5712	-	-	61.60
31-Oct-18		AS-01EC-8097	-	-	60.70
31-Oct-18		AS01BC-1055	-	-	61.19
31-Oct-18		AS01DC-0789	-	-	56.40
31-Oct-18		AS-01DD-1299	-	-	28.90

M/S TOPCEM INDIA						
PUC VEHICLE MOVEMENT WITHIN PLANT DATA						
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA		
				CO%	HC(ppm)	SD(HSU)
	1-Nov-18	5	NL01K-7665	-	-	55.82
	1-Nov-18		NL02N-0433	-	-	15.60
	1-Nov-18		AS-01AC-0911	-	-	47.53
	1-Nov-18		AS-01CC-1537	-	-	42.82
	1-Nov-18		AS-01CC-1537	-	-	23.40
	2-Nov-18	4	AS01CC-2590	-	-	14.50
	2-Nov-18		AS-01FC-6961	-	-	47.53
	2-Nov-18		AS-01GC-8485	-	-	30.00
	2-Nov-18		NL01K-8714	-	-	24.60
	3-Nov-18	3	AS-01AC-8642	-	-	42.81
	3-Nov-18		AS01DD-2058	-	-	43.80
	3-Nov-18		AS01AC-5159	-	-	30.20
	4-Nov-18	4	AS-01BC-4537	-	-	61.17
	4-Nov-18		AS01DD-1335	-	-	61.17
	4-Nov-18		AS-01DD-2155	-	-	42.82
	4-Nov-18		AS-01AC-6499	-	-	61.17
	5-Nov-18	5	AS-01BC-2351	-	-	49.50
	5-Nov-18		AS01FC-9437	-	-	52.10
	5-Nov-18		AS-01EC-0373	-	-	57.68
	5-Nov-18		AS01EC-7849	-	-	11.06
	5-Nov-18		AS01FC-0129	-	-	38.20
	6-Nov-18	5	AS-01DC-9791	-	-	21.30
	6-Nov-18		AS-01DD-3086	-	-	47.53
	6-Nov-18		AS-01GC-6392	-	-	35.85
	6-Nov-18		AS-01HC-1683	-	-	15.70
	6-Nov-18		AS-25CC-3200	-	-	30.20
	7-Nov-18	4	NL01N-4249	-	-	30.20
	7-Nov-18		NL-01Q-4612	-	-	42.82
	7-Nov-18		NL-01Q-8581	-	-	26.86
	7-Nov-18		AS-01AC-6411	-	-	30.20
	8-Nov-18	3	AS01DC-7709	-	-	61.80
	8-Nov-18		AS01AC-9441	-	-	61.17
	8-Nov-18		AS01BC-1099	-	-	21.30
	9-Nov-18	4	AS01BC-2781	-	-	42.82
	9-Nov-18		AS01DC-4326	-	-	45.90
	9-Nov-18		AS-01GC-0155	-	-	17.00
	9-Nov-18		NL-01L-0365	-	-	62.70
	10-Nov-18	4	PB-65X-7514	-	-	31.00
	10-Nov-18		AS0-1BC-6598	-	-	53.20
	10-Nov-18		AS-01AC-8113	-	-	30.20
	10-Nov-18		AS-01DC-1525	-	-	61.80
	11-Nov-18		AS-01DD-5213	-	-	38.20

Nov-18

11-Nov-18		AS-01DD-5535	-	-	13.50
11-Nov-18		AS-01EC-0659	-	-	61.17
11-Nov-18		AS-01EC-6272	-	-	52.10
11-Nov-18	5	AS-01FC-9906	-	-	26.30
12-Nov-18		AS-01GC-5842	-	-	30.20
12-Nov-18		AS01GC-6651	-	-	47.53
12-Nov-18		AS01DC-9737	-	-	29.10
12-Nov-18	4	AS-01DD-5271	-	-	30.20
13-Nov-18		AS-01EC-9286	-	-	30.20
13-Nov-18		AS-01FC-7312	-	-	45.80
13-Nov-18		AP-16TG-0877	-	-	47.20
13-Nov-18	4	AP16TH-7677	-	-	49.50
14-Nov-18		AS01BC-0055	-	-	23.40
14-Nov-18		AS01DC-6357	-	-	61.20
14-Nov-18		AS01EC-0703	-	-	47.53
14-Nov-18		AS01BC-7588	-	-	47.53
14-Nov-18	5	AS-01DD-0747	-	-	30.20
15-Nov-18		AS-01EC-4737	-	-	29.80
15-Nov-18		AS-01BC-4537	-	-	42.82
15-Nov-18		AS-01FC-9731	-	-	57.68
15-Nov-18	4	AS-01BC-2351	-	-	52.30
16-Nov-18		AS01FC-9437	-	-	42.82
16-Nov-18		AS01EC-7849	-	-	30.00
16-Nov-18		AS-01GC-6392	-	-	61.17
16-Nov-18	4	AS-01DD-3086	-	-	45.90
17-Nov-18		NL-01Q-4612	-	-	23.40
17-Nov-18		NL-01Q-8581	-	-	29.87
17-Nov-18	3	AS-01AC-6411	-	-	47.53
18-Nov-18		AS01DC-7709	-	-	65.10
18-Nov-18		AS01BC-1099	-	-	55.10
18-Nov-18		AS01BC-2781	-	-	51.86
18-Nov-18	4	NL-01L-0365	-	-	22.66
19-Nov-18		AS-01DD-2155	-	-	15.70
19-Nov-18		AS-01FC-9731	-	-	53.20
19-Nov-18		AS-01AC-6499	-	-	47.53
19-Nov-18	4	AS-01AC-7071	-	-	47.53
20-Nov-18		AS-01DC-9732	-	-	29.87
20-Nov-18		AS-01FC-5275	-	-	23.40
20-Nov-18		NL-01K-1761	-	-	44.28
20-Nov-18	4	AS-01DD-2058	-	-	61.17
21-Nov-18		TR01AB-1622	-	-	61.12
21-Nov-18		AS-01DD-7187	-	-	61.17
21-Nov-18		AS-01FC-7035	-	-	40.70
21-Nov-18	4	AP28TE-6224	-	-	30.20
22-Nov-18		AS-01DD-5712	-	-	30.20
22-Nov-18		AS-01EC-9417	-	-	38.90
22-Nov-18		AS01DC-0789	-	-	15.90

22-Nov-18		AS-01BC-0799	-	-	36.30
22-Nov-18	5	AS01CC-4259	-	-	41.20
23-Nov-18		AS-01CC-7239	-	-	22.60
23-Nov-18		AS-01C-9075	-	-	29.40
23-Nov-18		NL01K-7665	-	-	32.40
23-Nov-18	4	AS01DC-4326	-	-	41.10
24-Nov-18		PB-65X-7514	-	-	26.80
24-Nov-18		AS-01AC-8113	-	-	27.10
24-Nov-18		AS-01DD-5213			30.10
24-Nov-18	4	AS-01EC-0659			23.60
25-Nov-18		AS-01FC-9906			42.10
25-Nov-18		AS01GC-6651	-	-	56.10
25-Nov-18		AS-01DD-5271	-	-	59.10
25-Nov-18	4	AS-01FC-7312	-	-	28.10
26-Nov-18		AS01BC-0055	-	-	16.40
26-Nov-18		AS01DC-6357	-	-	28.11
26-Nov-18		AS01DD-9576	-	-	42.10
26-Nov-18	4	AS01EC-0703	-	-	56.00
27-Nov-18		AS-01EC-2197	-	-	47.53
27-Nov-18		AS01FC-1677	-	-	35.85
27-Nov-18		AS-01AC-2395	-	-	38.20
27-Nov-18		AS01BC-7588	-	-	33.25
27-Nov-18	5	AS01BC-7588	-	-	49.50
28-Nov-18		AS01DC-9632	-	-	54.80
28-Nov-18		AS01DC-9309	-	-	47.53
28-Nov-18		AS01DC-9345	-	-	55.82
28-Nov-18		AS01DC-9437	-	-	15.60
28-Nov-18	5	AS01DC-9723	-	-	47.53
29-Nov-18		AS01DC-9737	-	-	30.20
29-Nov-18		AP-16TJ-0186	-	-	42.82
29-Nov-18		AS-01CC-4061	-	-	23.40
29-Nov-18	4	AS-01CC-4331	-	-	4.50
30-Nov-18		AS01CC-4911	-	-	47.53
30-Nov-18		AS01EC-2197	-	-	30.00
30-Nov-18		AS01GC-5244	-	-	24.60
30-Nov-18	4	AS01GC-9009	-	-	43.80

M/S TOPCEM INDIA						
PUC VEHICLE MOVEMENT WITHIN PLANT DATA						
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA		
				CO%	HC(ppm)	SD(HSU)
	1-Dec-18	5	AS01DD-1278	-	-	57.68
	1-Dec-18		AS-01EC-0135	-	-	51.86
	1-Dec-18		AS-25B-4033	-	-	42.82
	1-Dec-18		AS-01CC-1941	-	-	47.53
	1-Dec-18		AS-01EC-9476	-	-	47.53
	2-Dec-18	4	NL-01K-1761	-	-	42.82
	2-Dec-18		AS-01DC-9732	-	-	55.82
	2-Dec-18		AS01CC-8496	-	-	61.17
	2-Dec-18		AP-07TJ-0369	-	-	57.68
	3-Dec-18	3	RJ18GA-2905	-	-	51.86
	3-Dec-18		NL01D-3840	-	-	30.20
	3-Dec-18		AS01GC-9009	-	-	30.20
	4-Dec-18	4	AS-01CC-4331	-	-	51.06
	4-Dec-18		AP-16TJ-0186	-	-	30.20
	4-Dec-18		AS01DC-9737	-	-	47.53
	4-Dec-18		AS01DC-9345	-	-	46.30
	5-Dec-18	4	AS01DC-9632	-	-	33.60
	5-Dec-18		AS01BC-7588	-	-	13.50
	5-Dec-18		AS01BC-0055	-	-	38.20
	5-Dec-18		AP16TH-7677	-	-	57.33
	6-Dec-18	5	AS-01FC-7312	-	-	57.68
	6-Dec-18		AS-01EC-9286	-	-	49.50
	6-Dec-18		AS01DC-9737	-	-	52.10
	6-Dec-18		AS01GC-6651	-	-	57.68
	6-Dec-18		AS-01GC-5842	-	-	11.06
	7-Dec-18	4	AS-01FC-9906	-	-	38.20
	7-Dec-18		AS-01EC-6272	-	-	33.66
	7-Dec-18		AS-01EC-0659	-	-	47.53
	7-Dec-18		AS-01DD-5535	-	-	40.66
	8-Dec-18	3	AS-01DD-5213	-	-	38.20
	8-Dec-18		AS-01DC-1525	-	-	33.25
	8-Dec-18		AS-01AC-8113	-	-	61.80
	9-Dec-18	3	PB-65X-7514	-	-	61.17
	9-Dec-18		NL-01L-0365	-	-	21.30
	9-Dec-18		AS-01GC-0155	-	-	45.90
	10-Dec-18	4	AS01DC-4326	-	-	17.00
	10-Dec-18		AS01BC-2781	-	-	62.70
	10-Dec-18		AS01BC-1099	-	-	31.00
	10-Dec-18		AS01AC-9441	-	-	53.20
	11-Dec-18		AS01DC-7709	-	-	30.20
	11-Dec-18		AS-01AC-6411	-	-	61.80
	11-Dec-18		NL-01Q-8581	-	-	38.20

Dec-18

11-Dec-18		NL-01Q-4612	-	-	61.17
11-Dec-18	5	NL01N-4249	-	-	30.20
12-Dec-18		AS-25CC-3200	-	-	47.53
12-Dec-18		AS-01HC-1683	-	-	30.20
12-Dec-18		AS-01GC-6392	-	-	30.20
12-Dec-18	4	AS-01DD-3086	-	-	45.80
13-Dec-18		AS-01DC-9791	-	-	47.20
13-Dec-18	2	AS01FC-0129	-	-	49.50
14-Dec-18		AS01EC-7849	-	-	23.40
14-Dec-18		AS-01EC-0373	-	-	61.20
14-Dec-18		AS01FC-9437	-	-	47.53
14-Dec-18		AS-01BC-2351	-	-	45.10
14-Dec-18		AS01DC-0789	-	-	55.10
14-Dec-18	6	AS-01DD-1299	-	-	51.86
15-Dec-18		AS-01BC-0799	-	-	22.66
15-Dec-18		AS01CC-4259	-	-	15.70
15-Dec-18		AS-01CC-7239	-	-	53.20
15-Dec-18	4	AS-01C-3151	-	-	47.53
16-Dec-18		AS-01C-9075	-	-	29.87
16-Dec-18		AS01CC-2590	-	-	23.40
16-Dec-18	3	AS-01EC-0657	-	-	44.28
17-Dec-18		NL01K-7665	-	-	61.17
17-Dec-18		NL02N-0433	-	-	61.12
17-Dec-18		AS-01AC-0911	-	-	61.17
17-Dec-18	4	AS-01CC-1537	-	-	40.70
18-Dec-18		AS-01CC-1537	-	-	30.20
18-Dec-18		AS01CC-2590	-	-	30.20
18-Dec-18		AS-01FC-6961	-	-	38.90
18-Dec-18	4	AS-01GC-8485	-	-	15.90
19-Dec-18		NL01K-8714	-	-	36.30
19-Dec-18		AS-01AC-8642	-	-	22.60
19-Dec-18		AS01DD-2058	-	-	29.40
19-Dec-18	4	AS01AC-5159	-	-	32.40
20-Dec-18		AS-01BC-4537	-	-	41.10
20-Dec-18		AS01DD-1335	-	-	26.80
20-Dec-18	3	AS-01DD-2155	-	-	27.10
21-Dec-18		AS-01AC-6499	-	-	30.10
21-Dec-18		AS-01BC-2351	-	-	23.60
21-Dec-18		AS01FC-9437	-	-	42.10
21-Dec-18	4	AS-01EC-0373	-	-	56.10
22-Dec-18		AS01EC-7849	-	-	59.10
22-Dec-18		AS01FC-0129	-	-	28.10
22-Dec-18		AS-01DC-9791	-	-	16.40
22-Dec-18		AS-01DD-3086	-	-	28.11
22-Dec-18	5	AS-01GC-6392	-	-	42.10
23-Dec-18		AS-01HC-1683	-	-	56.00
23-Dec-18		AS-25CC-3200	-	-	47.53

23-Dec-18		NL01N-4249	-	-	35.85
23-Dec-18	4	NL-01Q-4612	-	-	38.20
24-Dec-18		NL-01Q-8581	-	-	33.25
24-Dec-18		AS-01AC-6411	-	-	54.80
24-Dec-18		AS01DC-7709	-	-	47.53
24-Dec-18	4	AS01AC-9441	-	-	55.82
25-Dec-18		AS01BC-1099	-	-	15.60
25-Dec-18	2	AS01BC-2781	-	-	30.20
26-Dec-18		AS01DC-4326	-	-	42.82
26-Dec-18		AS-01GC-0155	-	-	23.40
26-Dec-18	3	NL-01L-0365	-	-	4.50
27-Dec-18		PB-65X-7514	-	-	47.53
27-Dec-18		AS0-1BC-6598	-	-	30.00
27-Dec-18		AS-01AC-8113	-	-	24.60
27-Dec-18		AS-01DC-1525	-	-	43.80
27-Dec-18	5	AS-01DD-5213	-	-	61.80
28-Dec-18		AS-01DD-5535	-	-	38.20
28-Dec-18		AS-01EC-0659	-	-	33.50
28-Dec-18		AS-01EC-6272	-	-	26.90
28-Dec-18		AS-01FC-9906	-	-	16.80
28-Dec-18	5	AS-01GC-5842	-	-	42.40
29-Dec-18		AS01GC-6651	-	-	33.80
29-Dec-18		AS01DC-9737	-	-	39.40
29-Dec-18		AS-01DD-5271	-	-	33.40
29-Dec-18	4	AS-01EC-9286	-	-	41.60
30-Dec-18		AS-01FC-7312	-	-	44.20
30-Dec-18		AP-16TG-0877	-	-	42.68
30-Dec-18	3	AP16TH-7677	-	-	29.87
31-Dec-18		AS01BC-0055	-	-	47.53
31-Dec-18		AS01DC-6357	-	-	19.50
31-Dec-18		AS01EC-0703	-	-	22.60
31-Dec-18	4	AS01BC-7588	-	-	51.60

M/S TOPCEM INDIA						
PUC VEHICLE MOVEMENT WITHIN PLANT DATA						
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA		
				CO%	HC(ppm)	SD(HSU)
	1-Jan-19	5	AS-25AC-1263	-	-	27.10
	1-Jan-19		AS-01EC-9476	-	-	30.10
	1-Jan-19		AS-01BC-0799	-	-	23.60
	1-Jan-19		AS-01CC-7239	-	-	42.10
	1-Jan-19		AS-25AC-1267	-	-	56.10
	2-Jan-19	4	AS-01CC-7667	-	-	59.10
	2-Jan-19		UP32DN-4494	-	-	28.10
	2-Jan-19		AS-01EC-0135	-	-	16.40
	2-Jan-19		AS-25AC-1271	-	-	28.11
	3-Jan-19	3	AS-25AC-1272	-	-	42.10
	3-Jan-19		AS-25AC-1274	-	-	56.00
	3-Jan-19		AS-25AC-1251	-	-	32.00
	4-Jan-19	4	AS-25AC-1256	-	-	16.10
	4-Jan-19		AS-25AC-1252	-	-	28.00
	4-Jan-19		AS-25AC-1253	-	-	19.80
	4-Jan-19		AS01DC-9723	-	-	40.60
	5-Jan-19	5	AS-25AC-1255	-	-	48.80
	5-Jan-19		AS-25AC-1256	-	-	38.90
	5-Jan-19		AS-25AC-1257	-	-	38.60
	5-Jan-19		AS-25AC-1258	-	-	41.20
	5-Jan-19		AS-25AC-1259	-	-	39.60
	6-Jan-19	5	AS-25AC-1261	-	-	33.30
	6-Jan-19		AS-25AC-1251	-	-	27.10
	6-Jan-19		AS-25AC-1264	-	-	56.20
	6-Jan-19		AS-25AC-1267	-	-	32.60
	6-Jan-19		AS-25AC-1268	-	-	26.10
	7-Jan-19	4	AS-25AC-1269	-	-	28.10
	7-Jan-19		AS-25AC-1270	-	-	27.10
	7-Jan-19		AS01EC-2197	-	-	44.10
	7-Jan-19		AS-25AC-1251	-	-	56.10
	8-Jan-19	3	AS-25AC-1268	-	-	60.80
	8-Jan-19		AS-25AC-1265	-	-	61.40
	8-Jan-19		AS01CC-8579	-	-	15.40
	9-Jan-19	4	AS01DC-9723	-	-	28.10
	9-Jan-19		AS01DC-9345	-	-	36.10
	9-Jan-19		AS01BC-7588	-	-	46.10
	9-Jan-19		AS-01EC-2197	-	-	56.10
	10-Jan-19	4	AS-01FC-7312	-	-	28.10
	10-Jan-19		AS01GC-6651	-	-	29.30
	10-Jan-19		AS-01EC-6272	-	-	30.40
	10-Jan-19		AS-01DD-5213	-	-	29.10
	11-Jan-19		AP-16TJ-0186	-	-	33.40

Jan-19

11-Jan-19		NL-01L-0365	-	-	50.10
11-Jan-19		AS01BC-2781	-	-	22.70
11-Jan-19	4	NL-01Q-8581	-	-	47.10
12-Jan-19		AS-01GC-6392	-	-	29.10
12-Jan-19		AS01FC-0129	-	-	30.10
12-Jan-19	3	AS01FC-9437	-	-	28.10
13-Jan-19		AS01DC-9309	-	-	16.60
13-Jan-19		AP-16TJ-0186	-	-	28.10
13-Jan-19		AS01EC-2197	-	-	26.40
13-Jan-19	4	RJ18GA-2905	-	-	28.40
14-Jan-19		AS01CC-8496	-	-	61.70
14-Jan-19		AS-01CC-7667	-	-	23.40
14-Jan-19		UP32DN-4494	-	-	17.40
14-Jan-19	4	AS-01EC-0135	-	-	33.80
15-Jan-19		AS-01DD-7187	-	-	34.90
15-Jan-19		AS-01FC-7035	-	-	22.40
15-Jan-19		AP28TE-6224	-	-	45.10
15-Jan-19	4	AS-25AC-1251	-	-	33.40
16-Jan-19		AS-25AC-1264	-	-	38.10
16-Jan-19		AS-25AC-1267	-	-	40.10
16-Jan-19		AS-25AC-1268	-	-	36.10
16-Jan-19	4	AS-25AC-1251	-	-	34.40
17-Jan-19		AS-25AC-1252	-	-	38.70
17-Jan-19		AS-25AC-1253	-	-	42.40
17-Jan-19	3	AS-25AC-1254	-	-	46.10
18-Jan-19		AP-16TJ-0186	-	-	45.10
18-Jan-19		AS01DC-9737	-	-	46.80
18-Jan-19		AS01DC-9345	-	-	28.10
18-Jan-19	4	AS01DC-9632	-	-	27.10
19-Jan-19		AS01BC-7588	-	-	19.50
19-Jan-19		AS01BC-0055	-	-	45.80
19-Jan-19		AP16TH-7677	-	-	52.10
19-Jan-19	4	AS-01FC-7312	-	-	53.90
20-Jan-19		AS-01EC-9286	-	-	59.10
20-Jan-19		AS01DC-9737	-	-	28.10
20-Jan-19		AS01GC-6651	-	-	27.10
20-Jan-19	4	AS-01GC-5842	-	-	33.10
21-Jan-19		AS-01FC-9906	-	-	61.60
21-Jan-19		AS-01EC-6272	-	-	60.70
21-Jan-19		AS-01EC-0659	-	-	61.19
21-Jan-19	4	AS-01DD-5535	-	-	56.40
22-Jan-19		AS-01DD-5213	-	-	28.90
22-Jan-19		AS-01AC-2395	-	-	38.90
22-Jan-19		AS01DC-9309	-	-	15.90
22-Jan-19		AP-16TJ-0186	-	-	36.30
22-Jan-19	5	AS01EC-2197	-	-	41.20
23-Jan-19		RJ18GA-2905	-	-	22.60

23-Jan-19		AS01CC-8496	-	-	29.40
23-Jan-19		AS-01CC-7667	-	-	32.40
23-Jan-19	4	UP32DN-4494	-	-	41.10
24-Jan-19		AS-01EC-0135	-	-	26.80
24-Jan-19		AS01CC-8496	-	-	27.10
24-Jan-19		AS-01DC-9732			30.10
24-Jan-19	4	AS-01CC-7667			23.60
25-Jan-19		AS-01FC-5275			42.10
25-Jan-19		NL-01K-1761	-	-	56.10
25-Jan-19		AS-01AC-7071	-	-	59.10
25-Jan-19	4	TR-01K-1728	-	-	28.10
26-Jan-19		AS-01GC-8855	-	-	16.40
26-Jan-19		TR01AB-1622	-	-	28.11
26-Jan-19		AS01CC-8579	-	-	42.10
26-Jan-19	4	AS-01EC-9476	-	-	56.00
27-Jan-19		AS-01BC-0799	-	-	47.53
27-Jan-19		AS-01CC-7239	-	-	35.85
27-Jan-19		AS-01C-3151	-	-	38.20
27-Jan-19		AS01CC-2590	-	-	33.25
27-Jan-19	5	NL01K-7665	-	-	49.50
28-Jan-19		AS-01AC-0911	-	-	42.10
28-Jan-19		AS01CC-2590	-	-	43.20
28-Jan-19		AS-01GC-8485	-	-	56.20
28-Jan-19		AS-01AC-8642	-	-	32.60
28-Jan-19	5	AS01DD-2058	-	-	32.60
29-Jan-19		AS-01DD-9886	-	-	36.40
29-Jan-19		AS01AC-5159	-	-	42.10
29-Jan-19		AS01BC-2351	-	-	46.10
29-Jan-19	4	AS01DD-1335	-	-	32.10
30-Jan-19		AS-01FC-9731	-	-	26.10
30-Jan-19		AS-01BC-2351	-	-	42.86
30-Jan-19		AS01EC-7849	-	-	61.17
30-Jan-19	4	AS-01EC-0373	-	-	57.68
31-Jan-19		AS-01EC-2678	-	-	51.86
31-Jan-19		AS-01EC-9417	-	-	42.82
31-Jan-19		AS01BC-1055	-	-	47.53
31-Jan-19	4	AS-25AC-1269	-	-	48.50

M/S TOPCEM INDIA						
PUC VEHICLE MOVEMENT WITHIN PLANT DATA						
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA		
				CO%	HC(ppm)	SD(HSU)
	1-Feb-19	4	AS-01AC-7071	-	-	51.06
	1-Feb-19		TR-01K-1728	-	-	30.20
	1-Feb-19		AS-01GC-8855	-	-	47.53
	1-Feb-19		TR01AB-1622	-	-	46.30
	2-Feb-19	4	AS01CC-8579	-	-	33.60
	2-Feb-19		AS-01EC-9476	-	-	13.50
	2-Feb-19		AS-01FC-6225	-	-	38.20
	2-Feb-19		AS-01FC-7429	-	-	57.33
	3-Feb-19	4	AP28TE-6224	-	-	57.68
	3-Feb-19		AS-01DD-0747	-	-	49.50
	3-Feb-19		AS-01EC-2678			52.10
	3-Feb-19		AS-01EC-9417	-	-	57.68
	4-Feb-19	4	AS01BC-1055	-	-	11.06
	4-Feb-19		AS01DC-0789	-	-	38.20
	4-Feb-19		AS-01DD-2557	-	-	33.66
	4-Feb-19		AS01CC-4259	-	-	47.53
	5-Feb-19	5	AS-01C-3151	-	-	40.66
	5-Feb-19		AS-01EC-0657	-	-	38.20
	5-Feb-19		NL02N-0433	-	-	33.25
	5-Feb-19		NL01K-7665	-	-	61.80
	5-Feb-19		AS-01AC-0911	-	-	61.17
	6-Feb-19	5	AS01CC-2590	-	-	21.30
	6-Feb-19		AS-01FC-6961	-	-	45.90
	6-Feb-19		NL01K-8714	-	-	23.40
	6-Feb-19		AS01DD-2058	-	-	44.28
	6-Feb-19		AS-01DD-9886	-	-	61.17
	7-Feb-19	4	AS01AC-5159	-	-	61.12
	7-Feb-19		AS-01AC-7021	-	-	61.17
	7-Feb-19		AS01BC-2351	-	-	40.70
	7-Feb-19		AS-01BC-4537	-	-	30.20
	8-Feb-19	4	AS01DD-1335	-	-	30.20
	8-Feb-19		AS-01DD-2155	-	-	56.70
	8-Feb-19		AS-01FC-9731	-	-	51.06
	8-Feb-19		AS-01BC-2351	-	-	30.20
	9-Feb-19	4	AS-01EC-0373	-	-	47.53
	9-Feb-19		AS01FC-0129	-	-	46.30
	9-Feb-19		AS-01DC-9791	-	-	33.60
	9-Feb-19		AS-25CC-3200	-	-	13.50
	10-Feb-19	4	NL-01Q-8581	-	-	38.20
	10-Feb-19		AS01AC-9441	-	-	30.00
	10-Feb-19		AS01BC-2781	-	-	61.17
	10-Feb-19		AS-01GC-0155	-	-	57.68
	11-Feb-19		NL-01L-0365	-	-	49.50
	11-Feb-19		AS-01AC-8113	-	-	52.10
	11-Feb-19		AS-01DC-1525	-	-	57.68

Feb-19

11-Feb-19		AS-01DD-5213	-	-	11.06
11-Feb-19	5	AS-01FC-9906	-	-	38.20
12-Feb-19		AS-01EC-9286	-	-	21.30
12-Feb-19		AP16TH-7677	-	-	47.53
12-Feb-19		AS01DD-9576	-	-	35.85
12-Feb-19	4	AS01FC-1677	-	-	38.20
13-Feb-19		AS01BC-7588	-	-	33.25
13-Feb-19		AS01DC-9345			57.61
13-Feb-19		AS01DC-9309			49.60
13-Feb-19	4	AS01DC-9723	-	-	49.50
14-Feb-19		AP-16TJ-0186	-	-	54.80
14-Feb-19		AS01CC-4911	-	-	47.53
14-Feb-19		AS01GC-5244	-	-	55.82
14-Feb-19		NL01D-3840	-	-	15.60
14-Feb-19	5	AP-07TJ-0369	-	-	47.53
15-Feb-19		AS01CC-8496	-	-	42.82
15-Feb-19		AS-01DC-9732	-	-	23.40
15-Feb-19		AS01DD-1278	-	-	14.50
15-Feb-19	4	NL-01K-1761	-	-	47.53
16-Feb-19		UP32DN-4494	-	-	30.00
16-Feb-19		AS-01DD-2058	-	-	24.60
16-Feb-19		TR-01K-1728	-	-	42.81
16-Feb-19	4	AS-01GC-8855	-	-	43.80
17-Feb-19		TR01AB-1622	-	-	30.20
17-Feb-19		AS01CC-8579	-	-	61.17
17-Feb-19		AS-01EC-9476	-	-	61.17
17-Feb-19	4	AS-01FC-7035	-	-	42.82
18-Feb-19		AP28TE-6224	-	-	61.17
18-Feb-19		AP28TE-6225	-	-	49.50
18-Feb-19		AS-01DD-5712	-	-	52.10
18-Feb-19	4	AS-01EC-8097	-	-	57.68
19-Feb-19		AS01BC-1055	-	-	11.06
19-Feb-19		AS01DC-0789	-	-	38.20
19-Feb-19		AS-01DD-1299	-	-	21.30
19-Feb-19	4	AS01AC-5159	-	-	47.53
20-Feb-19		AS01BC-2351	-	-	35.85
20-Feb-19		AS-01DD-2155	-	-	15.70
20-Feb-19		AS01DD-1278			28.50
20-Feb-19		AP28TE-6225			55.10
20-Feb-19	5	AS-01AC-6499	-	-	30.20
21-Feb-19		AS-01AC-6411	-	-	30.20
21-Feb-19		AS01AC-9441	-	-	42.82
21-Feb-19		AS01BC-1099	-	-	26.86
21-Feb-19	4	AS01BC-2781	-	-	30.20
22-Feb-19		PB-65X-7514	-	-	61.80
22-Feb-19		AS0-1BC-6598	-	-	61.17
22-Feb-19		AS-01DC-1525	-	-	21.30
22-Feb-19		AS-01DD-5535	-	-	42.82
22-Feb-19	5	AS-01EC-6272	-	-	45.90
23-Feb-19		AS01GC-6651	-	-	17.00

23-Feb-19		AS-01EC-9286	-	-	62.70
23-Feb-19		AP16TH-7677	-	-	31.00
23-Feb-19	4	AS01DD-9576	-	-	53.20
24-Feb-19		AS-01AC-2395	-	-	30.20
24-Feb-19		AS01DC-9632	-	-	61.80
24-Feb-19		AS01DC-9345	-	-	38.20
24-Feb-19	4	AS01DC-9737	-	-	3.50
25-Feb-19		AS-01CC-4331	-	-	61.17
25-Feb-19		AS01GC-5244	-	-	52.10
25-Feb-19		AS-01EC-9476			61.20
25-Feb-19		NL01D-3840	-	-	26.30
25-Feb-19	5	AP-07TJ-0369	-	-	30.20
26-Feb-19		AS01DC-0789	-	-	47.53
26-Feb-19		AS01DD-1278	-	-	29.10
26-Feb-19		UP32DN-4494	-	-	30.20
26-Feb-19	4	AS-01EC-0135	-	-	30.20
27-Feb-19		AS-25B-4033	-	-	45.80
27-Feb-19		AS-01CC-1941	-	-	47.20
27-Feb-19		AS-01EC-9476	-	-	49.50
27-Feb-19		AS-01FC-6225	-	-	13.40
27-Feb-19	5	AS-01FC-7429	-	-	22.60
28-Feb-19		TR01AB-1622	-	-	33.40
28-Feb-19		AS-01DD-7187	-	-	45.20
28-Feb-19		AS-01FC-7429	-	-	65.10
28-Feb-19		AP28TE-6225	-	-	55.10
28-Feb-19	5	AS-01DD-5777	-	-	44.00

M/S TOPCEM INDIA						
PUC VEHICLE MOVEMENT WITHIN PLANT DATA						
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA		
				CO%	HC(ppm)	SD(HSU)
	1-Mar-19	3	AS-25B-4033	-	-	42.82
	1-Mar-19		AS-01BC-2351	-	-	47.53
	1-Mar-19		AS01FC-0129	-	-	42.82
	2-Mar-19	3	AS-01DC-9791	-	-	57.68
	2-Mar-19		AS-01DD-3086	-	-	47.53
	2-Mar-19		AS-01HC-1683	-	-	57.68
	3-Mar-19	3	AS-25CC-3200	-	-	42.82
	3-Mar-19		NL-01Q-8581	-	-	47.53
	3-Mar-19		AS-01AC-6411	-	-	61.17
	4-Mar-19	4	AS01AC-9441	-	-	57.68
	4-Mar-19		AS01BC-2781	-	-	51.86
	4-Mar-19		AS-01GC-0155	-	-	42.82
	4-Mar-19		PB-65X-7514	-	-	47.53
	5-Mar-19	4	AS-01AC-8113	-	-	47.53
	5-Mar-19		AS-01DD-5213	-	-	42.82
	5-Mar-19		AS-01DD-5535	-	-	55.82
	5-Mar-19		AS-01EC-6272	-	-	61.17
	6-Mar-19	4	AS-01GC-5842	-	-	57.68
	6-Mar-19		AS-01DD-5271	-	-	51.86
	6-Mar-19		AP-16TG-0877	-	-	30.20
	6-Mar-19		AS01DC-6357	-	-	30.20
	7-Mar-19	4	AS-01EC-2197	-	-	51.06
	7-Mar-19		AS01BC-7588	-	-	30.20
	7-Mar-19		AS01DC-9309	-	-	47.53
	7-Mar-19		AS01DC-9437	-	-	46.30
	8-Mar-19	3	AP-16TJ-0186	-	-	33.60
	8-Mar-19		AS-01CC-4331	-	-	13.50
	8-Mar-19		AS01GC-5244	-	-	38.20
	9-Mar-19	4	RJ18GA-2905	-	-	57.33
	9-Mar-19		AS-01AC-7071	-	-	57.68
	9-Mar-19		AS-25AC-1263	-	-	49.50
	9-Mar-19		TR01AB-1622	-	-	52.10
	10-Mar-19	4	AS01CC-8579	-	-	57.68
	10-Mar-19		AS-01EC-9476	-	-	11.06
	10-Mar-19		AS-25AC-1268	-	-	38.20
	10-Mar-19		AS01BC-1055	-	-	33.66
	11-Mar-19	4	AP-28TE-6225	-	-	47.53
	11-Mar-19		AS-01FC-6225	-	-	40.66
	11-Mar-19		AS01CC-8579	-	-	38.20
	11-Mar-19		TR01AB-1622	-	-	33.25
	12-Mar-19		AS-01GC-8855	-	-	61.80
	12-Mar-19		AS-25AC-1251	-	-	61.17

Mar-19

12-Mar-19	3	AS-25AC-1252	-	-	21.30
13-Mar-19	3	AS-25AC-1253	-	-	45.90
13-Mar-19		AS-25AC-1254	-	-	17.00
13-Mar-19		AS-25AC-1255	-	-	62.70
13-Mar-19	4	AS-25AC-1256	-	-	31.00
14-Mar-19	4	AS-25AC-1257	-	-	53.20
14-Mar-19		AS-25AC-1258	-	-	30.20
14-Mar-19		AS-25AC-1259	-	-	61.80
14-Mar-19	4	AS-25AC-1261	-	-	38.20
15-Mar-19	4	AS-25AC-1256	-	-	61.17
15-Mar-19		AS-25AC-1264	-	-	30.20
15-Mar-19		AS-25AC-1267	-	-	47.53
15-Mar-19	4	AS-25AC-1268	-	-	30.20
16-Mar-19	4	AS-25AC-1269	-	-	30.20
16-Mar-19		AS-25AC-1270	-	-	45.80
16-Mar-19		AS-25AC-1275	-	-	47.20
16-Mar-19	4	AS-25AC-1251	-	-	49.50
17-Mar-19	3	AS-25AC-1268	-	-	23.40
17-Mar-19		AS-25AC-1265	-	-	61.20
17-Mar-19		AS01CC-8579	-	-	47.53
18-Mar-19	4	AS01DC-9723	-	-	45.10
18-Mar-19		AS01DC-9345	-	-	55.10
18-Mar-19		AS01BC-7588	-	-	51.86
18-Mar-19	4	AS-01EC-2197	-	-	22.66
19-Mar-19	3	AS-01FC-7312	-	-	15.70
19-Mar-19		AS01GC-6651	-	-	53.20
19-Mar-19		AS-01EC-6272	-	-	47.53
20-Mar-19	4	AS-01DD-5213	-	-	29.87
20-Mar-19		AS0-1BC-6598	-	-	23.40
20-Mar-19		NL-01L-0365	-	-	44.28
20-Mar-19	4	AS01BC-2781	-	-	61.17
21-Mar-19	4	NL-01Q-8581	-	-	61.12
21-Mar-19		AS-25CC-3200	-	-	61.17
21-Mar-19		AS-01GC-6392	-	-	40.70
21-Mar-19	4	AS-01DD-5535	-	-	30.20
22-Mar-19	3	AS-01DD-5213	-	-	30.20
22-Mar-19		AS-01AC-2395	-	-	38.90
22-Mar-19		AS01DC-9309	-	-	15.90
22-Mar-19	3	AP-16TJ-0186	-	-	36.30
23-Mar-19	4	RJ18GA-2905	-	-	22.60
23-Mar-19		AS01CC-8496	-	-	29.40
23-Mar-19		AS-01CC-7667	-	-	32.40
23-Mar-19	4	UP32DN-4494	-	-	41.10
24-Mar-19	4	AS-01EC-0135	-	-	26.80
24-Mar-19		AS01CC-8496	-	-	27.10
24-Mar-19		AS-01DC-9732			30.10
24-Mar-19	4	AS-01CC-7667			23.60

25-Mar-19	4	AS-01FC-5275			42.10
25-Mar-19		NL-01K-1761	-	-	56.10
25-Mar-19		AS-01AC-7071	-	-	59.10
25-Mar-19		TR-01K-1728	-	-	28.10
26-Mar-19	4	AS-01GC-8855	-	-	16.40
26-Mar-19		TR01AB-1622	-	-	28.11
26-Mar-19		AS01CC-8579	-	-	42.10
26-Mar-19		AS-01EC-9476	-	-	56.00
27-Mar-19	4	AS-01BC-0799	-	-	47.53
27-Mar-19		AS-01CC-7239	-	-	35.85
27-Mar-19		AS-01C-3151	-	-	38.20
27-Mar-19		AS01CC-2590	-	-	33.25
28-Mar-19	4	AS-01AC-0911	-	-	54.80
28-Mar-19		AS01CC-2590	-	-	47.53
28-Mar-19		AS-01GC-8485	-	-	55.82
28-Mar-19		AS-01AC-8642	-	-	15.60
29-Mar-19	4	AS-01DD-9886	-	-	30.20
29-Mar-19		AS01AC-5159	-	-	42.82
29-Mar-19		AS01BC-2351	-	-	23.40
29-Mar-19		AS01DD-1335	-	-	4.50
30-Mar-19	4	AS-01FC-9731	-	-	47.53
30-Mar-19		AS-01BC-2351	-	-	30.00
30-Mar-19		AS01EC-7849	-	-	24.60
30-Mar-19		AS-01EC-0373	-	-	43.80
31-Mar-19	3	AS-01EC-2678	-	-	61.80
31-Mar-19		AS-01EC-3465	-	-	38.20
31-Mar-19		AS01AA-4444	-	-	33.50



***ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
PERIOD OF OCTOBER 2018 TO MARCH 2019***

ANNEXURE-IV ONLINE STACK EMISSION REPORT



**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
PERIOD OF OCTOBER 2018 TO MARCH 2019**

TOPCEM INDIA Gauripur

ONLINE OPACITY METER READING MONTH WISE

OCT,2018

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.20	0.60	15.30

NOV,2018

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.10	0.70	15.60

DEC,2018

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.50	0.90	15.50

JAN,2019

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.30	1.00	15.60

FEB,2019

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	14.80	1.00	15.80

MAR,2019

<u>Date</u>	<u>Average</u>	<u>Min</u>	<u>Max</u>
Monthly	15.00	0.80	16.10



ANNEXURE-V
ITEM WISE COST OF CSR ACTIVITIES
October 2018- March 2019



**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
PERIOD OF OCTOBER 2018 TO MARCH 2019**

Item-wise Corporate Social Responsibility details

For period of October 2018-March 2019

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

Sl. No.	Activities	Cost Incurred (INR)
Village Infrastructure		
1	Drinking water is providing free of cost by M/s Topcem India to nearby village per month@40,500/-	2,43,000.00
2	Donation to Chandi Mandir of Kamakhya temple	18,000.00
3	Construction of OM PRABHU MAHAKAL MANDIR at Sualkuchi, Kamrup, Assam	21,600.00
4	Donation to Dadara Sarabjanin Shree Shree Durga	18,350.00
5	Donation to Sanjeevani	14,680.00
6	Donation to Sri Sri Poravita Satra	93,750.00
7	Donation to Dadara Mahaprabhu Shri Shri	18,350.00
8	Donation to 132 KV, Shishu Gram Sub Station	3,600.00
9	Donation to Damodar Sangha Puja Mandap Nirman	18,350.00
10	Contribute to Shilguri Raj Goyroh	9,500.00
11	Expenditure incurred for road side Tree Plantation	1,14,260.00
	Total	5,73,440.00
Welfare Activities		
1	Bihu activity with inmates of Old Age homes, Schools for Challenged Children, Orphanage etc. Conducted every year during Rongali bihu. The occasion is celebrated with the inmates of various of these organisations who are deprived of such festivities.	1,00,000.00
2	20 Cataract patients from Chikonia Para Boko were operated in Srimanta Sankaradeva Nethralaya sponsored by Topcem. The patients were identified after a free Eye Check Up camp was conducted by Sri Sankaradeva Nethralaya with the support Topcem Cement.	1,94,000.00
3	200 Fruit Tree saplings were planted in the Assam State zoo and botanical garden area in Guwahati. It was done on the occasion of World Environment Day on the 5th of June 2018. The event was conducted in association with Rajyik Pokhi Surakha Parishad, an NGO working towards Environmental Development in the region.	2,30,000.00
4	AMBABACHI MELA at KAMAKHYA TEMPLE, GHY	1,90,000.00
5	Swatch Bharat Campaignat Big Bazar	5,000.00
6	Pink Toilet distribution	5,50,000.00



**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
PERIOD OF OCTOBER 2018 TO MARCH 2019**

Sl. No.	Activities	Cost Incurred (INR)
7	As a part Swatch Bharat initiative, Topcem cleared all the left out Viswakarma Idols from various localities of Guwahati. It's a common practice in the city to leave the old Viswakarma idols by the road side after the puja offerings. Topcem takes initiative to dispose these idols to places designated by the local authorities. More than 3000 idols were removed.	1,00,000.00
8	WORLD HEART DAY at TINSUKIA, ADRASEN BHAWAN, MAKUM ROAD	75,000.00
9	MISSION SMILE at PRAGATI MANOR, GHY	2,50,000.00
10	CHRISTMAS CELEBRATION at REACH SHILLONG, RILANG, MISSIONARIES OF CHARITY, SHILLONG	90,000.00
11	TOPCEM CEMENT'S PRE-HOLI CELEBRATION WITH THE UNPREVELEDGED CHILDREN	2,30,000.00
	Total	20,14,000.00
	Grand Total	25,87,440.00

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



ANNEXURE-VI OCCUPATIONAL HEALTH SURVEILLANCE

Patient Name	JAYANTA NATH	Requested By	
MRN	1755131948	Procedure Date Time	31-12-2018 15:08
Age/Sex	40Y/Male	Hospital	NH-GUWAHATI

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS:For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- Normal chest radiograph.

Hollander

Dr. Pratibha Patil, MD
Consultant Radiologist

* This is a digitally signed valid document. Reported Date/Time: 31-12-2018 17:21

Nath, Mr. Jayanta

ID: 0000131948

Gender: Male
(thick): INDIAN (+)Height: 158 cm
Weight: 52 kg BMI: 18.2

Narayana
Superspeciality Hospital

Bafna

FVL (ex/in)

Your FEV1 / Predicted: 40%

Test Date: 12/31/2018 1:19:56 PM

Interpretation: GOLD (2007) / Hands

Post Time

Predicted: BRONCHS + 0.55

 Unit of Narayana Health
Value Selection: Best Test
Social History: Smoker: No, Alcohol: No, Usmo: No

Best

Parameter	Pred	11.4	Trial 2	Trial 7	Trial 4	%Pred
FVC [L]	4.14	3.18	3.21	2.89*	2.80*	78
FEV1 [L]	3.44	2.64	2.40*	2.25*	2.29*	70
FVC/FVC	0.800	0.882	0.746	0.781	0.818	93
FEF25-75% [L/s]	4.26	2.55	2.03*	1.88*	2.40*	48
P1 [s]	8.81	8.82	4.16*	5.92*	3.65*	47
P2 [s]	-	-	1.6	3.4	2.6	-
FEV1 [L]	4.14	3.18	2.60*	3.12*	0.16*	68
P1 [L/s]	-	-	6.61	7.63	1.05	-

Session Quality

Pre

D - Result not interpretable (FEV1 Var=0.10L (4.4%); FVC Var=0.31L (10.1%))

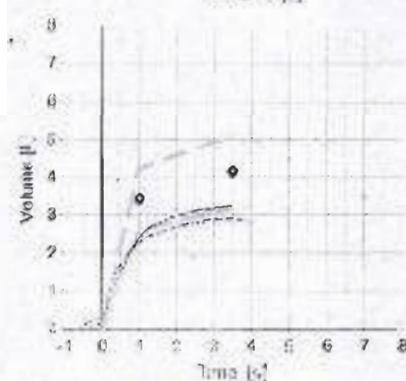
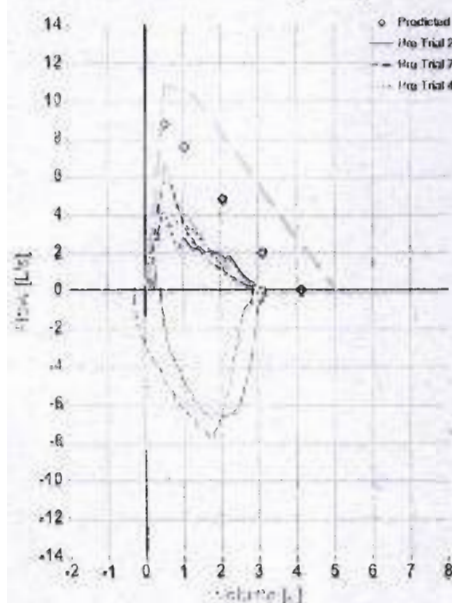
System Interpretation

Pre

Normal Spirometry

Caution: Poor session quality. Interpret with care

The following values are within normal range or significant post change



3 12/31/2018


 PATIENT CARE PHONE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Healthcare Limited)

(Previously Narayana Healthcare Pvt. Ltd. and Narayana Healthcare Limited)

Registered Office: 250A, Bommarandi Industrial Area, Ammapet, Bangalore 560094

Hospital Address: Near Telenor/Bafna Medical Complex, Aringon, Guwahati 781001, Assam

Mobile: 011 8811 888888 Email: guwahati@narayanahealth.org, www.narayanahealth.org

Patient Name : Mr. UPEN CH BORO
MRN : 17550000131920
Age/Sex : 45Y/M

Requested By : Dr. Karabi Bora
Procedure Date : -31.12.2018
Order From : -

X-RAY CHEST PA VIEW

Bronchovascular markings appear prominent.

No active lung parenchymal lesion is seen.

The cardiac size is within normal limit.

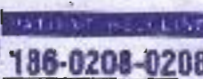
Both hila are normal in position, size, shape and density.

Both domes of the diaphragm are normal in contour.

Both costophrenic angles are clear.

Soft tissue and bony cages are unremarkable.

* This is a digitally signed valid document		Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - MD Radio diagnosis	<i>Karabi Bora</i>	31/12/2018 3:47:56
Resident Radiologist	-	-	-
Transcribed by	-	-	-



Narayana Superspecialty Hospital

(a Unit of Narayana Hrudayalaya Limited)

(Narayana Hrudayalaya P. Ltd.) CIN No: L81104GUP0000000

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560066

Hospital Address: Near Tolaram Bafn medical complex, Arringpoen, Guwahati 781031, Assam

Mob: +91 981 003060 Email: guwahati@nhhospitals.org, www.narayanahealth.org



Boro, Mr. Upen Ch

ID: 0000131920

Gender

Male

Height

175 cm

Elasticity

2.07A (+)

Weight

43 kg

BMI: 17.3

F/Vt (ex/in)

Your FEV1 / Predicted:

Unit of Narayana Health

Predicted: 98%

Test Date

07/11/2016 11:00 AM

Integrated Report

GOLD 2005/2012

Socially Responsible Phil. Sub. Ksh. Ugr. Bafna

Post Time

Pre-Test

FEV1/FVC: 84%

RTS: 10/10

11/11/16

Best

Parameter	Pred	LLN	Trial 3	Trial 2	Trial 1	%Pred
FVC [L]	3.30	2.35	3.17	2.96	2.97	98
FEV1 [L]	2.77	1.97	2.71	2.60	2.58	98
FEV1/FVC	0.791	0.673	0.854	0.879	0.869	102
FVC 25-75% [L]	3.79	2.08	3.41	3.56	3.42	90
PFF [L/s]	7.79	5.80	7.50	5.25	6.17	94
PFT [s]	-	-	4.2	4.1	5.5	-
PFT [s]	3.30	2.35	2.95	2.87	2.91	91
Max [L/s]	-	-	5.72	4.90	4.82	-

Session Quality

FVC

D - Result not reproducible FEV1 Var=0.101 (1.0%) FVC Var=0.006 (0.2%)

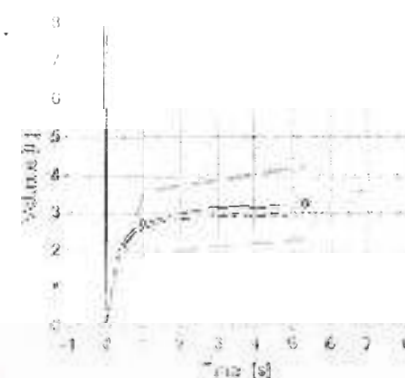
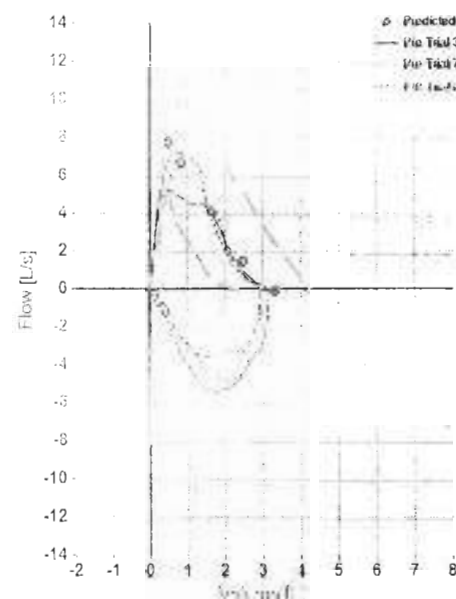
System Interference

FVC

Normal Spirometry

Caution: Data set is quality. Interpret with care.

Flow-volume values outside normal range or significant post-airway change.



32 12/31/2018


 PATIENT HELPLINE
186-0208-0208
Narayana Superspeciality Hospital

(a Unit of Narayana Hospitals & Clinics Limited)

(New City, Bangalore) Head Office: Plot No. 131, Narayana PTC, 2nd Floor

Registered Office: 258/A, Bommasandra Industrial Area, Anand Taluk, Bangalore 550092

Hospital Address: Near Telaram Bafna medical complex, Amingaoan, Guwahati 781031, Assam

Mob: +91-8811-009030 Email: guwahati@nhhospitals.org, www.narayanahealth.org

Patient Name	GAUR CH PAUL	Requested By	
MRN	1755131945	Procedure Date Time	31-12-2018 15:04
Age/Sex	19Y/Male	Hospital	NH-GUWAHATI

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- Normal chest radiograph.



Dr. Pratibha Patil, MD
Consultant Radiologist

*** This is a digitally signed valid document. Reported Date/Time: 31-12-2018 17:20**

This report has been generated from **NH Teleradiology 24/7**, a service of Narayana Health

-- End of Report --
Page 1 of 1

Narayana Superspeciality Hospital
 (a Unit of Narayana Hrudayalaya Limited)

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN no: U551 042009PTC027927
 Registered Office: 20/2A, Ramnagar Industrial Area, Assisi, Thane, Maharashtra 400603
 Hospital Address: Non-Tollam Bafna medical complex, Arningpet, Guwahati 781001, Assam
 Mob: +91 9811 032030 Email: guwahati@nhhospitals.org www.narayanahealth.org

PATIENT HELPLINE
186-0208-0208

Paul, Mr. Gaur Ch

ID: 0000131945

Narayana
Superspeciality Hospital

Bafna

Gender: Male

Height:

170 cm

Ethnicity: INDIAN (A)

Weight:

51 kg

BMI: 17.3

FVL (ex/in)

Your FEV1 / Predicted: 75%

Test Date: 11/31/2018 3:15:48 PM

Interpretation:

GOLD/Total/Attnle

Unit of Narayana Health

Post Time:

Predicted:

FES/RCC = 0.95

Value Selection

Best Trial

Specialty: Pulmonology Subspecialty: Asthma

Best

Parameter	Pre	LLN	Trial 1	Trial 5	Trial 2	%Pred
FVC [L]	4.98	3.81	3.27*	3.24*	3.12*	72
FEV1 [L]	3.89	3.09	2.94*	2.85*	2.75*	76
FEV1/FVC	0.827	0.709	0.898	0.878	0.881	109
FL-F25-75% [L/s]	4.92	3.21	3.50	3.00*	3.13*	71
PEF [L/s]	9.51	7.52	5.46*	7.26*	5.17*	57
CF [L/s]	-	-	3.1	3.8	3.4	-
RV [L]	4.50	3.61	3.22*	3.25*	3.35*	71
PIF [L/s]	-	-	4.83	4.59	5.13	-

Session Quality:

Pre

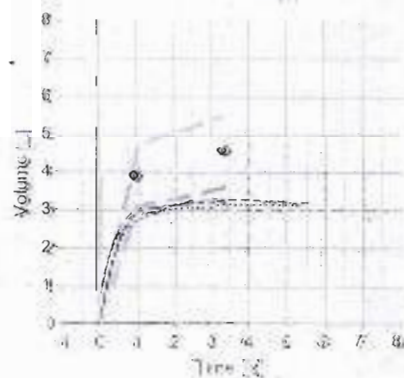
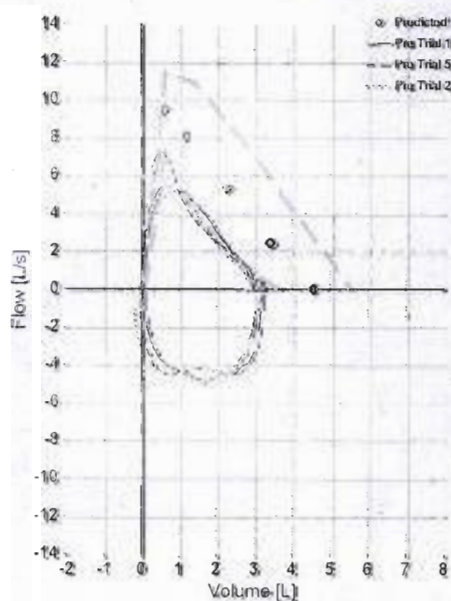
A (FEV1 Var=0.09L (3.2%); FVC Var=0.03L (1.0%))

System Interpretation:

Pre

Restriction probable; further examination recommended

*Indicates value outside normal range or significant post change.



3-11/31/2018

PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Healthcare Limited)

(Previously Narayana Healthcare Pvt. Ltd.) (CIN No: U74900KA2000PT002749)

Registered Office: 238/A, Ramnagar Industrial Area, Andheri East, Mumbai 400 059

Hospital Address: Near Tollman Bafna medical complex, Amingpur, Gurgaon 122 001, Haryana

Mob: +91 8811 020800 Email: info@narayanahealth.org www.narayanahealth.org

Patient Name : Mr. JAHANGIR ALAM
MRN : 17550000131927
Age/Sex : 29Y/M

Requested By : Dr. Subhakar Jain Bafna
Procedure Date : -31.12.2018
Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.

No active parenchymal lesion is seen.

The cardiac size is within normal limit.

Both hila are normal in position, size, shape and density.

Both domes of the diaphragm are normal in contour.

Both costophrenic angles are clear.

Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document			Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - diagnosis	MD Radio	Karabi Bora	31/12/2018 3:46:19
Resident Radiologist	-		-	-
Transcribed by	-		-	-



Narayana Superspeciality Hospital

(a Unit of Narayana Hrudyalaya Limited)

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560091

Hospital Address: Near Karam Bafna medical complex, Amingosa, Guwahati 781031, Assam

Mod: +91 8811 003000 Email: guwahati@nithospitals.org www.narayanahospital.org



Alarm, Mr. Jahangir

ID: 0000131927

Gender: Male
Ethnicity: INDIAN (I)

Height: 164 cm
Weight: 43 kg BMI: 23.4

FVL (ex/in)

Your FEV1 / Predicted: 78%

Test Date: 12/13/2018 3:45:56 PM
Post Time:

Interpretation:
Predicted:

COBOLD 3084/Healthy
BTS/ECGS 0.92

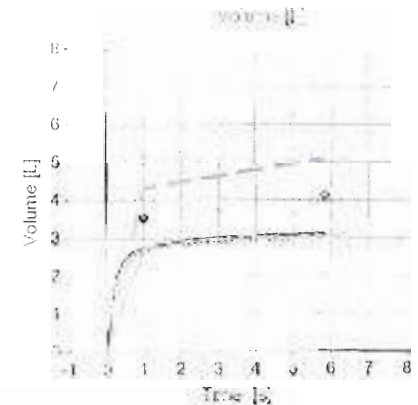
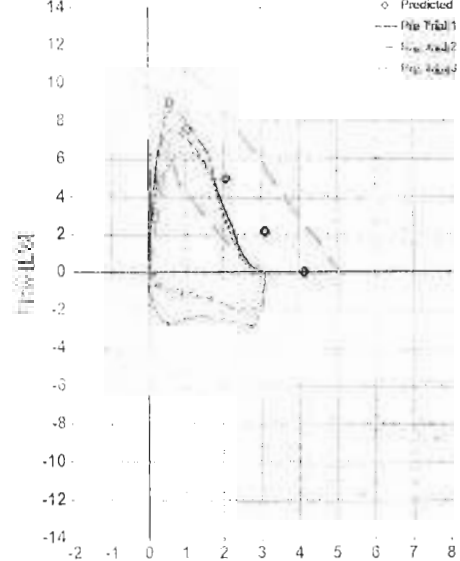
Unit of Narayana Health
Socially Insured by Shri Subhasan Jain Bafna
ETP (lit/LX) 11.2/1.02

Parameter	Pred	LLN	Best			%Pred
			Trial 1	Trial 2	Trial 3	
FVC [L]	4.13	3.18	3.12*	3.11*	2.85*	76
FEV1 [L]	3.53	2.74	2.75	2.73*	2.63*	75
FEV1/FVC	0.819	0.701	0.821	0.878	0.885	105
FEF25-75% [L/s]	4.93	2.82	4.64	4.49	4.40	103
PiC [L/s]	9.67	3.98	9.68	7.88	6.33*	97
PEF [L/s]	-	-	5.8	6.4	5.0	-
FVC [L]	4.13	3.18	3.14*	3.07*	2.85*	76
PIF [L/s]	-	-	2.86	1.99	1.87	-

Version: 4.0.0.0 Piv A (FEV1 Var=0.02, 0.783; PivC Var=0.01, 0.968)

System Interpretation: Pre Normal Spirometry

*Indicates value outside normal range or significant post change



3/12/31/2018



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Hospitals Limited)

(Previously Narayana Hospitals Pvt. Ltd.) CIN No: U51104CA2000PTC027497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560093

Hospital Address: Near Tolaram Bafna medical complex, Arningpan, Guwahati 781031, Assam

Web: 01 8811 003030 Email: guwahati@nhhospitals.org, www.narayanahealth.org

Patient Name : Mr. AZIZUR RAHMAN
MRN : 17550000131916
Age/Sex : 41Y/M

Requested By : SRI
Procedure Date : -31.12.2018
Order From : -

X-RAY CHEST PA VIEW

Reticulonodular opacities are noted in right mid and lower lung zones and left lower lung zone.
(Rec: HRCT Thorax).

The cardiac size is within normal limit.

Both hila are normal in position, size, shape and density.

Both domes of the diaphragm are normal in contour.

Both costophrenic angles are clear.

Soft tissue and bony cages are unremarkable.

* This is a digitally signed valid document		Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - MD Radio diagnosis	<i>Karabi Bora</i>	31/12/2018 3:50:41
Resident Radiologist	-	-	-
Transcribed by	-	-	-



PATIENT REGISTRATION
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Hrudayalaya Limited)

(Privately Narayana Hrudayalaya Pvt. Ltd.) CIN No.: L28110KA2000PT00274

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 56006

Hospital Address: Near Tolaram Bafna medical complex, Amingoen, Guwahati 781031, Assam

Mob: +91 9811 003030 Email: guwahati@nhhospital.org, www.narayanahealth.org



NH Narayana
Superspeciality Hospital

Bafna

Sehman, Mr. Azizur

ID: 0000131916

Gender

Male

Height

165 cm

Likelihood

UNKNOWN (+)

Weight

65 kg

BMI 24.4

FVL (ex/in)

Your FEV1 / Predicted 86%

Test Date

12/31/2018 12:51:29 PM

Interpretation

GGI 0.7309 / Grade

Society Member Only One Superspeciality Unit Bafna

Test Time

Pre-labeled

FEV1/ECOS 0.95

ST05 2018/50

1.1241.02

Best

Parameter	Pred	LN	Trial 4	Trial 1	Trial 2	%Pred
FEV1 [L]	4.06	3.10	3.59	3.67	2.89*	94
FEV1 %	3.37	2.57	2.99	2.82	2.40*	88
FEV1 MVE	0.739	0.580	0.783	0.791	0.929	98
FFPOT-75% [L/s]	4.20	2.48	2.67	2.95	3.97	64
POT [L/s]	8.70	6.71	9.97	5.06*	5.84*	115
FL1 %	-	-	6.3	5.8	2.2	-
FVC [L]	4.06	3.10	3.36	3.13	0.45*	83
PIF [L/s]	-	-	5.84	3.80	1.03	-

Session Quality

Pre

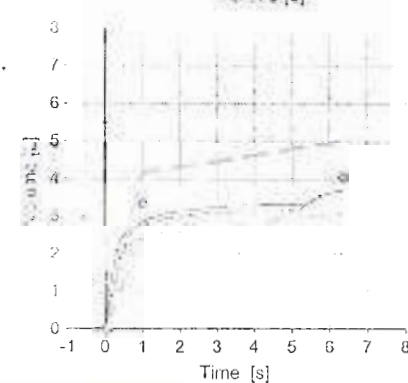
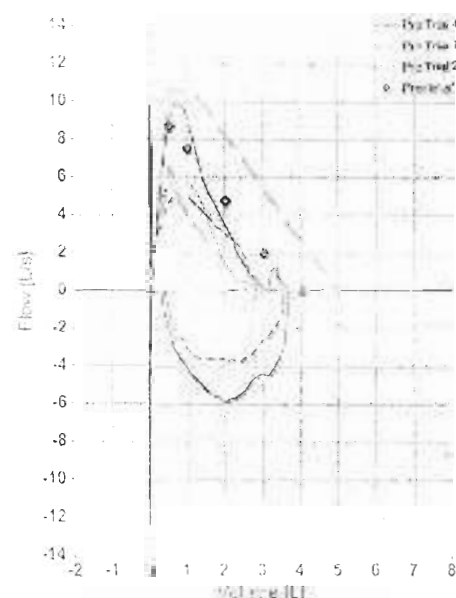
B (FEV1 Var=0.07L (7.35%) FVC Var=0.12L (3.28%))

System Interpretation

Pre

Normal Spirometry

* Indicates value outside normal range or significant test change.



12/31/2018



PATIENT HELPLINE

186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Hospitals Limited)

(Narayana Hospitals Limited) CH No: 1151/KAR00PTOC27-67

Registered Office: 258/A, Bannasandya Industrial Area, Anekal Taluk, Bangalore 560080

Hospital Address: Near Tolaram Bafna medical complex, Aringpora, Guwahati 781031, Assam

Mob: +91 8811 005030 Email: guwahati@nhhospitals.org, www.narayanahealth.org

Patient Name : NILADHAR BAISHYA
MRN : 17550000115642
Age/Sex : 49Y/M

Requested By : SELF
Procedure Date : -31.12.2018
Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.
No active parenchymal lesion is seen.
The cardiac size is within normal limit.
Both hila are normal in position, size, shape and density.
Both domes of the diaphragm are normal in contour.
Both costophrenic angles are clear.
Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document		Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - MD Radio diagnosis	<i>Karabi Bora</i>	31/12/2018 3:39:33
Resident Radiologist	-	-	-
Transcribed by	-	-	-



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Hrudayalaya Limited)

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No: U51100KA2000PT002796

Registered Office: 258/A, Bommasandra Industrial Area, Ankal Taluk, Bangalore 56009

Hospital Address: Near Tolaram Bafna Industrial complex, Ankurpura, Gowdeshi 761031, Assam

Mob: 181 3511 00030 Email: guwahati@nhnhospital.org, www.narayanahealth.org

2000

dicted: 70%

512-132

Nocturnal Splenomegaly

3 12/31/2018



PATIENT HELP LINE

186-0208-0208

(a) Ltd. or Marayana Holdings Limited)

(Priority Number: In Germany Inv. No.) CIP No.: E-0602297P

Registered Office: 258/4, Bommasandra Industrial Area, Anara Taluk, Bangalore 560095

Hospital Address: Les Tolares Bahian, medical complex, Amimosa, Curitiba 81610-91, Brazil.

Mob.: 01 88 11 000330 Email: www@iifo-italy.org www.iifo-italy.org www.iifo-italy.org/health

Patient Name : Mr. CHINTU MONI
BARUAH

Requested By : **NSLP**

MRN : 17550000131940

Procedure Date : -31.12.2018

Age/Sex : 26Y/M

Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.

No active parenchymal lesion is seen.

The cardiac size is within normal limit.

Both hila are normal in position, size, shape and density.

Both domes of the diaphragm are normal in contour.

Both costophrenic angles are clear.

Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document		Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - MD Radio diagnosis	Karabi Bora	31/12/2018 3:40:29
Resident Radiologist	-	-	-
Transcribed by	-	-	-



PATIENT HELPLINE
186-0208-020

Narayana Superspeciality Hospital

(a Unit of Narayana Health Limited)

(Formerly Narayana Superspeciality Pvt. Ltd.) CIN No: U51909KA2005PLC000001

Registered Office: 256/A, Bommasandra Industrial Area, Anand Nagar, Bangalore 560075

Hospital Address: Near Kilarasa Bafra medical complex, Amalgam, Guwahati 781031, Assam

Mob: +91 881 1 903030 Email: guwahati@nhhospitals.org, www.narayanahealth.org



Baruah, Mr. Chintu Moni

ID: 0000131940

Gender: Male
Ethnicity: INDIAN (L)Height: 170 cm
Weight: 62 kg BVC: 20.0

FVL (ex/in)

Your FEV1 / Predicted: 86%

Test Date: 12/31/2018 24/54 PM
Post Time:Interpretation: GOLD 2008, Stable
Predicted: FEV1/VC: 0.95

Unit of Narayana Health

Socially Related By Bhr. S. Bhaskar, Bhr. Bina
BTPS (M/F): 1.15/1.02

Best

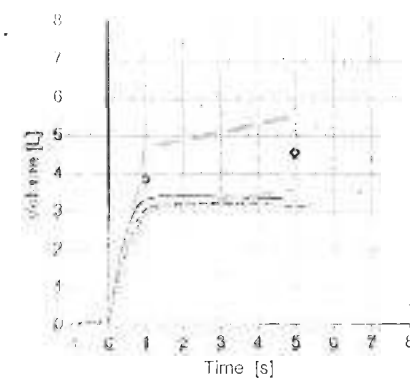
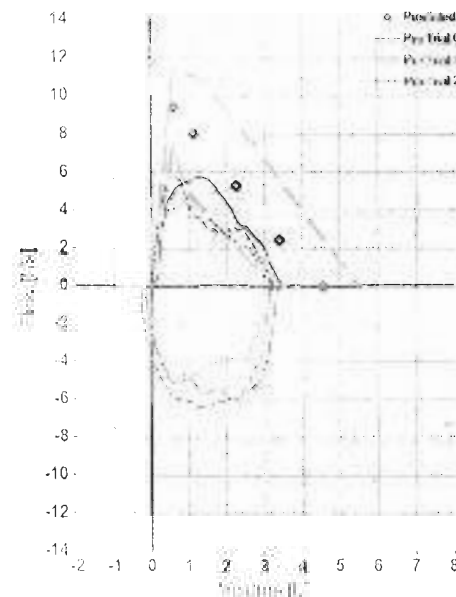
Parameter	Pred	LLN	Trial 0	Trial 1	Trial 2	%Pred
FVC [L]	4.54	3.58	3.45*	3.22*	3.20*	76
FEV1 [L]	3.06	3.06	3.31	3.04*	2.92*	100
FEV1/FVC	0.825	0.707	0.960	0.947	0.911	116
FEF30-75 [L/s]	4.88	3.17	4.52	3.23	3.23	63
PFT [s]	9.47	7.48	8.74*	8.85*	4.22*	61
PFT [s]	-	-	2.2	2.8	3.2	-
PAF [L]	4.54	3.58	3.18*	3.46*	3.37*	77
PIF [L/s]	-	-	6.01	6.42	4.81	-

Session Quality: Pre D - Result not reported to (FEV1) Var=0.271 (FEV1/FVC) Var=0.241 (50%)

Session Interpretation: Pre Normal Spirometry

Caution: Poor session quality. Interpret with care

* Indicates value outside normal range or significant post-bronchodilation



3/12/31/2018


 PATIENT HELPLINE
 186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Healthcare Limited)

Narayana Healthcare Limited, 100/101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Patient Name : Mr. YUSUF ALI
MRN : 17550000131923
Age/Sex : 19Y/M

Requested By : SELF
Procedure Date : -31.12.2018
Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.

No active parenchymal lesion is seen.

The cardiac size is within normal limit.

Both hila are normal in position, size, shape and density.

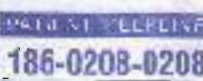
Both domes of the diaphragm are normal in contour.

Both costophrenic angles are clear.

Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document			Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - diagnosis	MD Radio	Karabi Bora	31/12/2018 3:44:36
Resident Radiologist	-		-	-
Transcribed by	-		-	-



Narayana Superspeciality Hospital

(a Unit of Narayana Health Limited)

(Formerly Narayana Health Limited, Pvt. Ltd.) CIN No. U52100KA200001002740

Registered Office: 256/A, Binnimāsandra Industrial Area, Anand Taluk, Bengaluru 560011

Hospital Address: Near Telaram Bafna Medical Complex, Arinagan, Gwalahalli 791031, Assam

Mob: (+91) 8811 003030 Email: gwalahalli@nhhospitals.org, www.narayanahealth.org



Ali, Mr. Yusuf

Gender

Male

Height

170.00 cm

Weight

55 kg

RAI 018

FVL (ex/in)

Your FEV1 / Predicted: 98%

Test Date

12/03/2014, 11:50:05 PM

Interpretation

GO, D12007, 7-Grade

Ref Time

HRV/ECS + 0.95

Best

Parameter	Pred	LLN	Trial 1	Trial 2	Trial 3	%Pred
FVC (L)	3.99	3.2	3.71	3.02	3.55	89
FEV1 (L)	3.71	2.94	3.73	3.21	3.19	86
FVC/FVC	0.937	0.709	0.991	0.938	0.894	108
FEF25-75% (L/s)	4.71	3.00	4.73	4.37	4.28	100
PLI (%)	8.84	6.85	6.45	7.29	7.52	68
PEF (L/s)	-	-	5.0	3.3	4.1	-
FVC (L)	3.96	3.01	3.70	3.37	3.67	94
PIF (L/s)	-	-	4.27	3.72	3.52	-

Session Quality

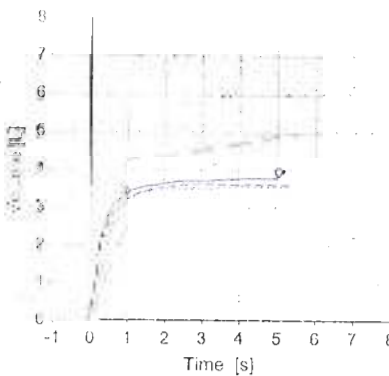
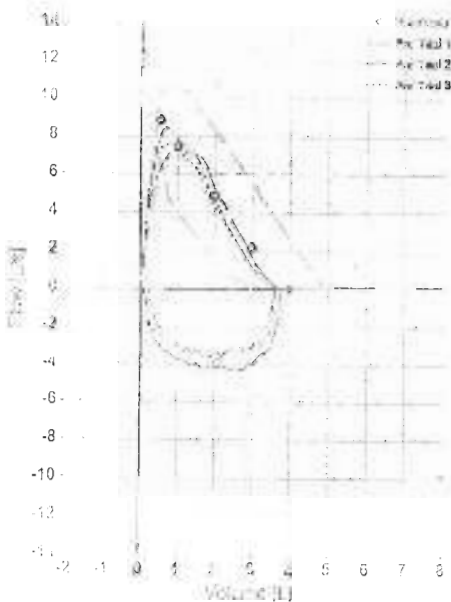
Pro

C FEV1 Var=0.151, % 0.08; FVC Var=0.161, % 0.08

System Interpretation

Pro

Normal Expiratory



PATIENT HELPLINE

186-0208-0208

Narayana Superspecialty Hospital

(a Unit of Narayana Health Limited)

(Previously Narayana Health Limited) CEN No: 1151/200802-0208/2008

Registered Office: 25th A, Bommesandra Industrial Area, Anand Nagar, Bangalore 560059

Hospital Address: Near Tolaram Dine medical complex, Anand Nagar, Guwahati 781031, Assam

Mob: +91 9861 003030 Email: guwahati@nhhospitals.org, www.narayanahealth.org

Patient Name : Mr. JOYNAL ABEDIN
MRN : 17550000131931
Age/Sex : 25Y/M

Requested By : SELF
Procedure Date : -31.12.2018
Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.
No active parenchymal lesion is seen.
The cardiac size is within normal limit.
Both hila are normal in position, size, shape and density.
Both domes of the diaphragm are normal in contour.
Both costophrenic angles are clear.
Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document			Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - diagnosis	MD Radio	Karabi Bora	31/12/2018 3:42:29
Resident Radiologist	-	-	-	-
Transcribed by	-	-	-	-



Narayana Superspeciality Hospital

(a Unit of Narayana Health)

(Formerly Narayana Health Services Ltd.)

Registered Office: 258A, Bommasandra Industrial Area, Anand Taluk, Bangalore 560061

Hospital Address: Near Toranm Bafn medical complex, Anand Taluk, Bangalore 560061

Mob: +91 9611 03030 Email: care@nhhcehops.org www.narayanahealth.org



Abedin, Mr. Joynt

ID: 0000131931

Gender
Ethnicity

Male
INDIAN (+)

Height
Weight

162 cm
65 kg

FAH 24.3

FVL (ex/in)

Test Date
Post Time

12/17/2018 05:55 PM

Interpretation
Predicted

SPUD2008/Hards
ERS/ECOS 1.0.55

Unit of Narayana Health

Your FEV1 / Predicted: 79 %

Socially inspired by Shri Subhayan, In Fatia

STPS (IN-EX)

3.10/1.02

Parameter	Pred	LLN	Trial 2	Trial 3	Trial 4	%Pred
VC(L)	4.12	3.17	3.98	3.85	3.18*	81
FEV1 (L)	3.55	2.66	2.82	2.72*	2.69*	79
FEV1/VC	0.827	0.709	0.842	0.846	0.855	107
FVC75% (L)	4.77	3.06	3.14	3.35	3.28	86
PEF (L/s)	9.02	7.03	7.37	5.32*	4.81*	82
FET (s)	-	-	5.7	4.8	5.3	-
FVC12% (L)	4.12	3.17	3.34	3.23	3.11*	81
PEF75%	-	-	5.75	4.74	4.55	-

Software Quality

Pre

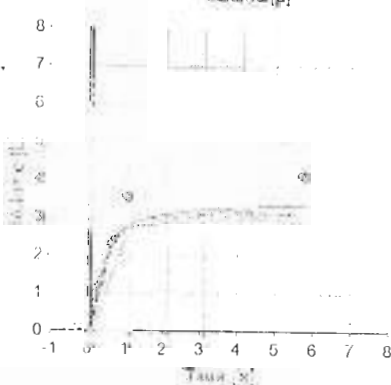
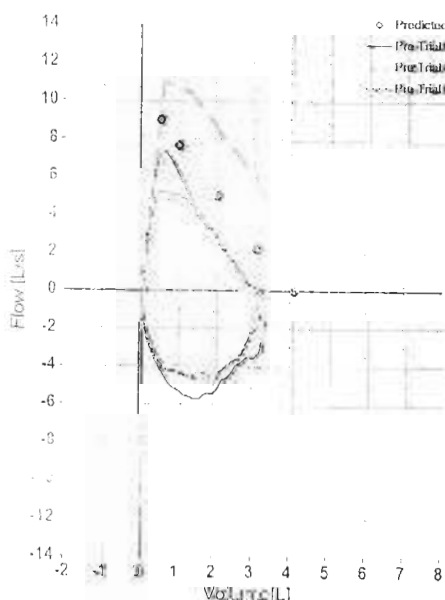
C FEV1 Max = 1.10L (3.43%) FVC Max = 1.10L (2.94%)

Software Interpretation

Pre

Normal Spirometry

Simultaneous Spirometry (Spirometry) (Spirometry) (Spirometry)



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(A Unit of Narayana Healthcare Limited)

(Proprietor: Narayana Health Foundation, M. Ltd.) CH No. LB/HO/2008/PT/27-28

Registered Office: 258/A, Ramasankar Industrial Area, Anakkal Taluk, Bangalore-560030

Hospital Address: Near Tolaram Bafna Medical Complex, Aringode, Guwahati-781031, Assam

Mod: +91-8811 003030 Email: guwahati@nhhospitals.org, www.narayanahealth.org

Patient Name : Mr. BABUL RAJPUT
MRN : 17550000131935
Age/Sex : 47Y/M

Requested By : SELF
Procedure Date : -31.12.2018
Order From : -

X-RAY CHEST PA VIEW

Suspected bronchiectatic changes are noted in perihilar region of left lung. (Rec:- CT Thorax).

The cardiac size is within normal limit.

Both domes of the diaphragm are normal in contour.

Both costophrenic angles are clear.

Soft tissue and bony cages are unremarkable.

* This is a digitally signed valid document			Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - diagnosis	MD Radio	Karabi Bora	31/12/2018 3:53:15
Resident Radiologist	-	-	-	-
Transcribed by	-	-	-	-



186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Hrudayalaya Limited)

(Previously Narayana Hrudayalaya Pvt Ltd) CIN No: U85110KA2008PTC0274

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 56009

Hospital Address: Near Tekaram Bafna medical complex, Aminogara, Guwahati-781031, Assam

Mob: +91 88-1 00030 Email: guwahati@nhconceptsls.org, www.narayanahealth.org



Narayana
Superspeciality Hospital

Bafna

Rajput, Mr. Babul

ID: 0000131935

Gender

Male

Height

160 cm

Ethnicity

INDIAN (-)

Weight

56 kg

Age

34 y

FVL (ex/in)

Your FEV1 / Predicted:

Unit of Narayana Health

Society Inspected: 83%

Test Date

17/12/2018 2:48:11 PM

Interpretation

GGT: 20000-40000

Society Inspected: 83%

Test Time

Predicted

CRF/SCC: 0.95

STPS UNCL

1.12/1.07

Best

Parameter	Pred	LUN	Trial 1	Trial 4	Trial 5	%Pred
VC [L]	4.02	3.06	3.51	3.87	3.48	91
FEV1 [L]	3.28	2.49	2.70	2.89	2.41*	85
FEV1/VC	0.80	0.80	0.77	0.74	0.72	90
F _{50-75%} [L/s]	3.55	3.27	3.71*	3.72*	3.33*	93
PFF [L/s]	8.57	6.60	6.90	7.58	6.89*	80
F _{50-75%} [L/s]	-	-	5.5	5.0	4.7	-
RAC [L]	4.02	3.06	3.50	3.18	0.97*	92
PAT [L/s]	-	-	5.50	4.99	4.53	-

Session Quality

Pre

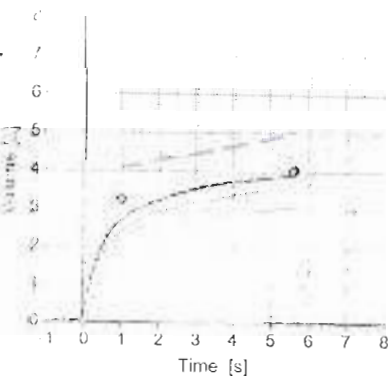
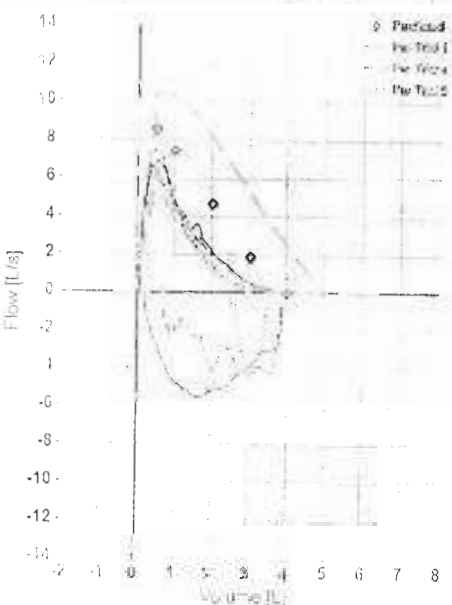
A (FEV1 Var=0.04L, FVC Var=0.04L, PFF Var=0.04L)

System Interpretation

Pre

Mild Obstruction

Indicates value outside normal range or significant post change



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Hrudayaegra Limited)

258/A, Commercial & Industrial Area, Anekal Taluk, Bangalore 560090

Registered Office: 258/A, Commercial & Industrial Area, Anekal Taluk, Bangalore 560090

Hospital Address: Near Teleni Bafna medical complex, Aringon, Guwahati 781031, Assam

Mob: +91 8811 003080 Email: guwahati@narayanahealth.org, www.narayanahealth.org

Patient Name	NAYAN DAS	Requested By	
MRN	1755131938	Procedure DateTime	31-12-2018 14:03
Age/Sex	48Y	Hospital	NH-GUWAHATI

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- Normal chest radiograph.

Ananya
Dr. Ananya, MBBS, MD
Junior Consultant Radiologist

This report has been generated from NH Teleradiology 24/7, a service of Narayana Health.

-- End of Report --
Page 1 of 1



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital
(a Unit of Narayana Health Limited)

Registered Office: 255/A, Bommasandra Industrial Area, Ankal Taluk, Bangalore 560090
Hospital Address: Near Toldram Bafna memorial complex, Aringpet, Guwahati, 781001, Assam
Mob: +91 9811 003030 Email: guwahati@nhhospitals.org, www.narayanahealth.org



NH Narayana
Superspeciality Hospital

Bafna

Das, Mr. Nayan

ID: 0000131938

Gender

Male

Height

170 cm

Ethnicity

INDIAN

Weight

55 kg

BMI: 24.4

FVL (ex/in)

Your FEV1 / Predicted: 99%

Test Date

12/31/2018 2:24:25 PM

Interpretation

GOOD/2008/World

Post-Test

Predicted

4.5 L/0.95

Unit of Narayana Health

Socially Insured by Shri Subhakar Jain Bafna

UHS (UHS)

11231/01

Parameter	Pred	LLN	Trial 6	Trial 7	Trial 8	%Pred
FVC [L]	2.90	1.85	2.50	2.82	2.29	100
FVC [L]	2.44	1.84	2.40	2.24	2.29	99
FEV1 [L]	0.785	0.687	0.628	0.702	0.269	105
FEV1 % [L]	3.55	1.89	0.611	2.91	3.60	88
PEF [L/s]	7.30	5.30	5.84	3.24*	4.00*	80
FE [s]	-	-	5.4	4.7	1.0	-
FVC [L]	2.90	1.95	2.64	2.65	0.60*	91
PEF [L/s]	-	-	3.76	4.26	2.00	-

Serial Quality

Pw

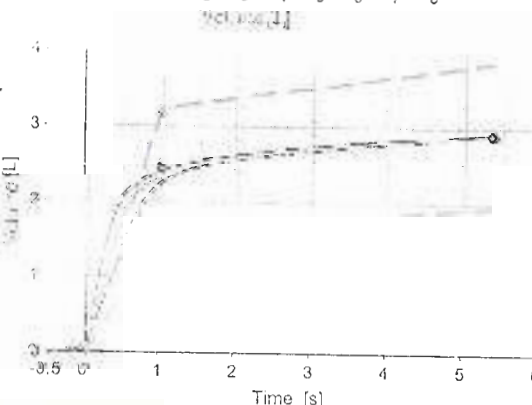
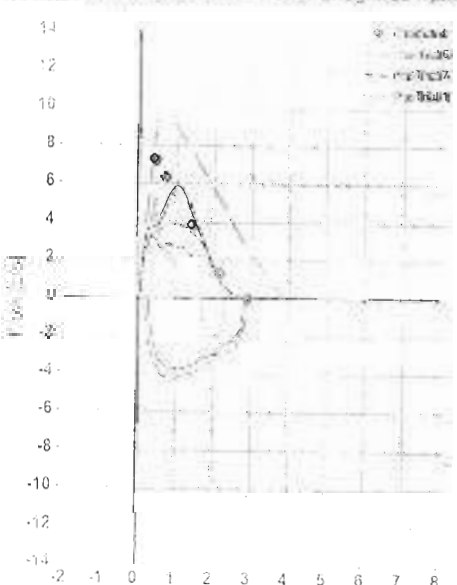
C (FEV1 Vmax=0.12L/0.95) FVC Vmax=0.20L/0.95

System Interpretation

Pw

Normal Symptomatic

Therapeutic intervention is not indicated for change



3 11/31/2018



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Healthcare Limited)

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Registered Office: 258/A, Elombasandra Industrial Area, Anekal Taluk, Bangalore 560029

Hospital Address: New Talaran Industrial Complex, Anilapuri, Guwahati 781031, Assam

Mob: +91 9811 008030 Email: guwahati@nhospitals.org, www.narayanahealth.org

Patient Name : Mr. AYNAL ALI
MRN : 17550000131929
Age/Sex : 30Y/M

Requested By : SELF
Procedure Date : -31.12.2018
Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.

No active parenchymal lesion is seen.

The cardiac size is within normal limit.

Both hila are normal in position, size, shape and density.

Both domes of the diaphragm are normal in contour.

Both costophrenic angles are clear.

Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document			Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - diagnosis	MD Radio	Karabi Bora	31/12/2018 3:41:26
Resident Radiologist	-	-	-	-
Transcribed by	-	-	-	-



PATIENT HELPLINE
186-0208-020

Narayana Superspeciality Hospital

(a Unit of Narayana Healthways Limited)

(Previously Narayana Healthways Pvt. Ltd.) GEN No.: 10011802000000000000

Registered Office: 250/A, Bommasandra Industrial Area, Anand Taluk, Bangalore 5600

Hospital Address: Near Toleram Bafn medical complex, Amrighat, Gowshali 701001, Assa

Mob: +91 8811 000000 Email: puwanab@nhhospitals.org, www.narayanahealth.org

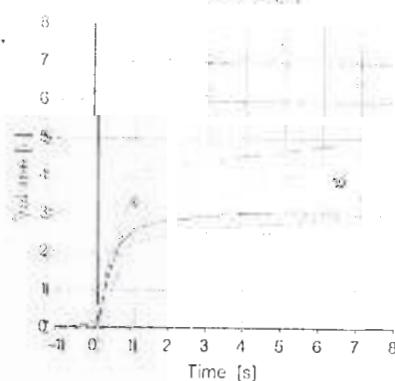
1994-95 1995-96

● 中国书画函授大学肇庆分校

2000-2001

2000-2001

General Information

¹ indicates value outside normal range of significant post change

3/27/31/2018



PATIENT HELP LINE

186-0208-0208

Narayana Superspeciality Hospital

(a) Unit of Measurement: Kilograms, Litres

(Illustr. & Research) *Illustr. & Research*, 10.1.10 (C.R.S.), 15.1.7400:PTC-25-67

Registration Office : 2807, Dornan, Sandra Industrial Area, Angkor Tsaluk, Banteay Meanchey 38000

Hospital Address: Nagar Medical College, Anandpur (Gwalior 471001, India)

Mod: +37 3511 108030 | Email: info@hostals.org | www.na-hoteles.com

100

Patient Name	RUPAM BARUAH	Requested By	
MRN	1755131665	Procedure Date Time	31-12-2018 14:01
Age/Sex	33Y/Male	Hospital	NH-GUWAHATI

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- Normal chest radiograph.

Dr. Tanu Gupta, DMRD, DNB
Consultant Radiologist

* This is a digitally signed valid document. Reported Date/Time: 01-01-2019 11:42



Baruah, Mr. Rupam

ID: 0000131665

Gender

Male

Height

172 cm

Diagnosis

DYSKIN (4)

Weight

79 kg

BMI 26.7

FVL (ex/10)

Your FEV1 / Predicted: 79%

Test Date

12/11/2018 2:43:55 PM

Interpretation:

GOLDENWAY/Hardis

Unit of Narayana Health

Post Time

Predicted:

HRF/ECCS = 0.95

Socially Insured by Shri Subhanga Jain, Guwahati

JMS (IN/EX)

11/11/18

Best

Parameter	Pre	11N	Trial 4	Trial 3	Trial 1	%Pred
-VC [L]	4.47	3.52	3.96	3.82	3.82	88
FEV1 [L]	9.75	2.95	2.96	2.96	2.39*	79
FEV1-VC	0.812	0.684	0.746	0.775	0.626*	92
Pre-20-75% [L/s]	4.47	2.91	2.30*	2.72*	1.82*	50
DEF [L/s]	9.29	7.30	8.04	4.46*	3.22*	87
F-L [L]	-	-	6.1	6.9	5.2	-
FVC [L]	4.47	3.52	4.12	3.29*	3.85	92
R [L/s]	-	-	2.21	2.49	2.47	-

Flow Rate Quality

Pre

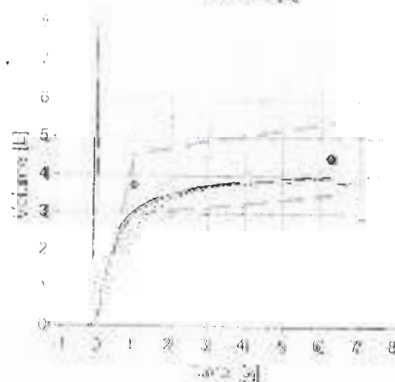
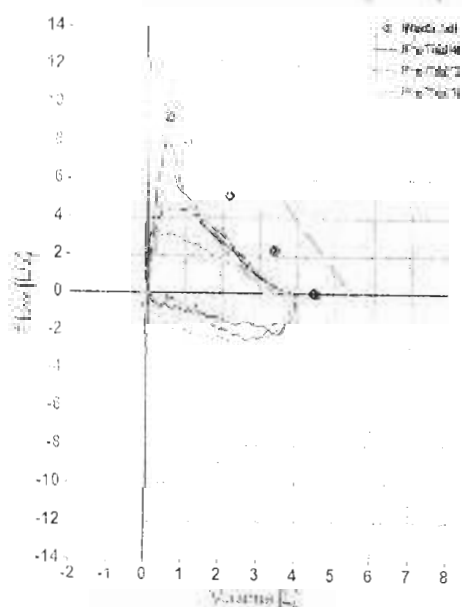
S (FEV1 Var=0.301, 10.48%; FVC Var=0.161, 12.21%)

System Information

Pre

Normal Spirometry

*Values are relative to the normal range or significant post change



PATIENT HELPLINE

186-0208-0208

Narayana Superspecialty Hospital

(a Unit of Narayana Healthcare Limited)

(Incorporated in India under the Companies Act, 1956)

Registered Office: 2B/A, Commissioner Industrial Area, Anand Nagar, Bangalore 560059

Hospital Address: Near Baram Bafna medical complex, Ambari, Guwahati 781031, Assam

Mobile: 0361-0180030 Email: guwahati@nhlhospitals.org, www.narayanahealth.org

Patient Name : MOFIDUL ISLAM
MRN : 17550000131921
Age/Sex : 20Y /M

Requested By : Physician
Procedure Date : 31/12/2018
Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.
No active parenchymal lesion is seen.
The cardiac size is within normal limit.
Both hila are normal in position, size, shape and density.
Both domes of the diaphragm are normal in contour.
Both costophrenic angles are clear.
Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document		Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - MD Radio diagnosis	<i>Karabi Bora</i>	31/12/2018 3:28:31
Resident Radiologist	-	-	-
Transcribed by	-	-	-



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Health Limited)

Registered Office: 258/A, Bommasandra Industrial Area, Ankur Taluk, Bangalore 56006

Hospital Address: Near Telaram Bafna medical complex, Amingood, Guwahati 781031, Assam

Mod: -81-8811-00300 Email: guwahati@narayanahealth.org www.narayanahealth.org



Islam, Mr. Mazida

ID: 0000131921

Gender: Male
Ethnicity: IndianHeight: 150 cm
Weight: 52 kg BMI: 23.3

FVL (ex/in)

Test Date: 12/01/2018 20:52 PM
Post Time:Interpretation: OK (D2000) Valid
Predicted: FEV1/FVC = 0.85

Parameter	Pre	LN	Total 2	Total 1	Total 4	%Pred
FVC (L)	6.81	3.02	3.49	3.43	3.31	97
FEV1 (L)	3.43	2.68	2.05	2.50	2.87	95
FVC/FVC	0.827	0.709	0.845	0.845	0.837	100
FVC/FVC (%)	4.73	3.02	3.25	3.24	3.43	98
FVC/FVC	8.90	6.91	7.74	7.74	6.93	87
FVC/FVC	-	-	5.4	5.7	5.4	-
FVC/FVC	4.01	3.06	3.42	3.63	3.64	85
FVC/FVC	-	-	2.47	4.16	3.65	-

System Quality

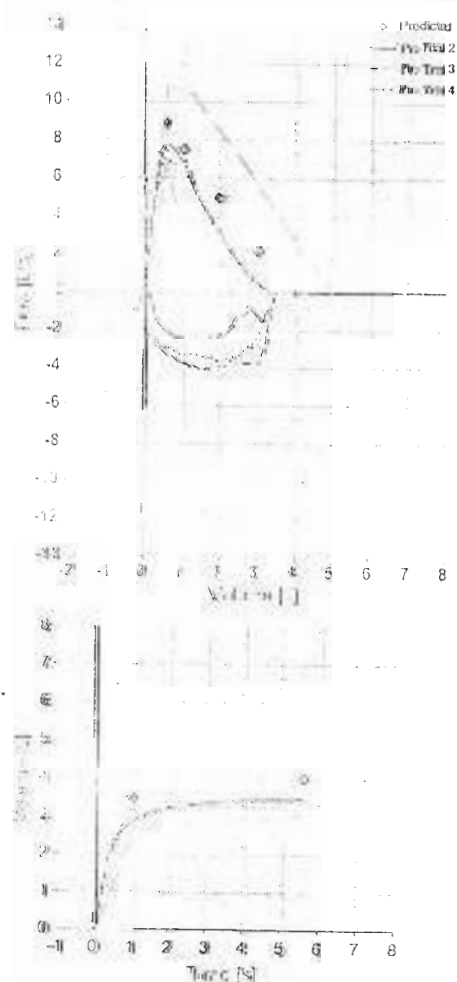
Pre

A: FEV1 Var=0.02146, FVC Var=0.05111, FVC/FVC

System Interpretation

Post

Normal Spirometry



PATIENT HELPLINE

186-0208-0208

Narayana Superspecialty Hospital

(a Unit of Narayana Healthcare Limited)

(The Narayana Healthcare Private Limited, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000)

Registered Office: 250A, Bommenahalli Industrial Area, Anand Nagar, Bangalore 560099
 Hospital Address: Near Tolare in Bafna medical complex, Anand Nagar, Dharwad 1781031, Assam
 Mob: 91 871 1003080 Email: g.vaher@nhhospitals.org, www.narayanahealth.org

Patient Name	RAJU ALI	Requested By	
MRN	1755131943	Procedure DateTime	31-12-2018 13:58
Age/Sex	20Y	Hospital	NH-GUWAHATI

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- Normal chest radiograph.

Dr. Ananya

Dr. Ananya, MBBS, MD
Junior Consultant Radiologist

This report has been generated from NH Teleradiology 24/7, a service provided by Narayana Health.

-- End of Report --

Page 1 of 1



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Health Limited)

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No: U11106KA2006PT002707

Registered Office: 258/A, Bommesandis Industrial Area, Anchal Taluk, Bongaone hilly

Hospital Address: Near Toiram Educational complex, Ambigram, Gokulnagar 781001, Assam

Mob: +91 8811 003030 Email: guwahati@nhhospitals.org www.narayanahealth.org



All, Mr. Raju

ID: 0000131943

Gender:

Male

Height:

175 cm

Ethnicity:

INDIAN (I)

Weight:

78 kg

BMI: 24.3

FEV1 (ox/in)

Your FEV1 / Predicted: 82%

Test Date:

2024/10/08 15:52:38 PM

Interpretation:

GOLD/2003/1-10-10

Real Time:

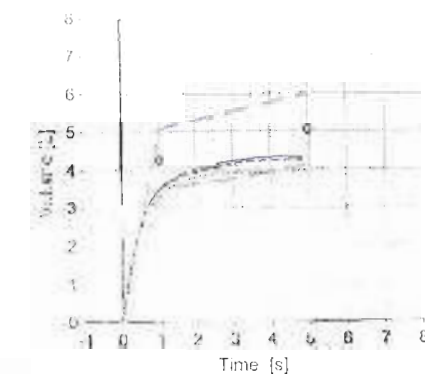
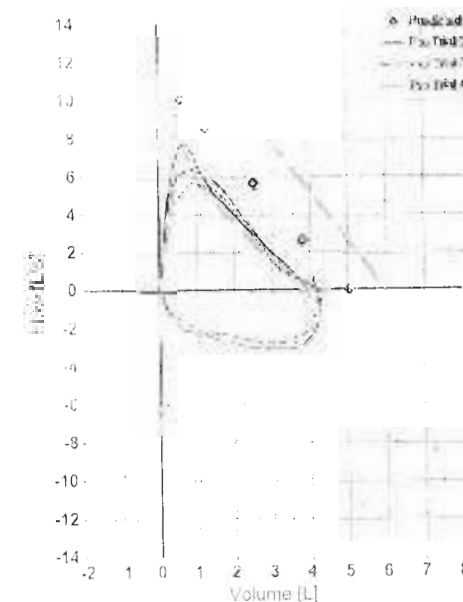
EP5/2013/1-10-10

Unit of Narayana Health

Socially insured by: SVI Suburban, Ina Bafna
BKS UNIPAL

Parameter	Best					
	Pred	LLN	Trial 2	Trial 3	Trial 4	%Pred
FVC (L)	5.05	4.10	4.33	4.22	4.02*	96
FLV1 (L)	4.26	3.46	3.47	3.45*	3.29*	82
FEV1/VC	0.827	0.709	0.800	0.816	0.812	87
FEF25-75 (L/s)	5.10	3.39	3.15*	3.53	3.41	82
PFT (L/s)	10.06	8.07	7.70*	8.41*	8.68*	87
PFT (s)	-	-	4.9	4.1	5.4	-
FVC (L)	5.05	4.10	4.21	4.22	4.07*	83
PFT (s)	-	-	3.20	2.82	2.75	-
Sexual Quality	Pre	CovLVI Var=0.04L (1.7%); PFT Var=0.01L (2.5%)				
System Interpretation	Pre	Normal Spirometry				

* indicates values outside normal range or significant post-bronchodilation



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital

(a Unit of Narayana Healthcare Limited)

Proprietary Narayana Healthcare Pvt. Ltd. CIL No.: LR5126/2003PT020967

Registered Office: 258/A, Bommarasandra Industrial Area, Anekal Taluk, Bangalore 560080

Hospital Address: Near Talarum Bafna medical complex, Aringpoo, Guwahati 781001, Assam

Mob: +91 8011 003030 Email: guwahati@narahospitals.org, www.narayanahealth.org



Narayana

Superspeciality Hospital

Unit of Narayana Health

Bafn

Patient Name : MANORANJA BHUMIJ

MRN : 17550000131923

Age/Sex : 23Y /M

Requested By : Specialy inspired by Shri Suchkaran Jain Bama

Procedure Date : 31/12/2018

Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.

No active parenchymal lesion is seen.

The cardiac size is within normal limit.

Both hila are normal in position, size, shape and density.

Both domes of the diaphragm are normal in contour.

Both costophrenic angles are clear.

Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document			Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora -	MD Radio	<i>Karabi Bora</i>	31/12/2018
	diagnosis			3:43:48
Resident Radiologist	-		-	-
Transcribed by	-		-	-



188-0200-0200

Narayana Superspeciality Hospital

(a Unit of Narayana Health Systems Limited)

(Previously Narayana Health Systems Pvt. Ltd.) C/o: Narayana Health Systems Pvt. Ltd.

Registered Office: 258/A, Bommasandra Industrial Area, Anasari Taluk, Bangalore 560091

Hospital Address: Near Tolani Medical Complex, Arinjanga, Guwahati 781031, Assam

Mob: +91 9811 003030 Email: guwahati@narthospital.org www.narayanahealth.org



Bhumi, Mr. Manoranjan

ID: 0000131932

Gender

Male

Height

160 cm

Ethnicity

INDIAN (+)

Weight

48 kg

BMI 18.3

FVL (ex/in)

Your FEV1 / Predicted: 85%

Test Date

12/31/2018 2:18:07 PM

Interpretation

GOLD/2007 Grade

Unit of Narayana Health

Post Time

Predicted

FVS/ESL * 0.85

Socially Insured by Shri Subhasan, Bafna

RTPS (H/Ex)

12/31/2018

Parameter	Pred	LLN	Best				%Pred
			Trial 4	Trial 5	Trial 7		
FEV1 (L)	4.12	3.17	3.24	3.20	3.10*		79
FEV1 (%)	3.65	2.77	3.02	3.07	3.00		79
FEV1/FVC	0.527	0.709	0.731	0.690	0.670		113
FEV1/25% (L/s)	4.77	3.06	4.16	4.53	5.15		88
PIF (L/s)	9.02	7.03	5.51*	6.56*	6.92*		61
FVC (L)	-	-	2.7	2.4	1.5		-
FVC (%)	4.12	3.17	3.37	3.37	0.08*		82
PIF (L/s)	-	-	5.92	5.51	0.20		-

Spirometry Quality

Ple

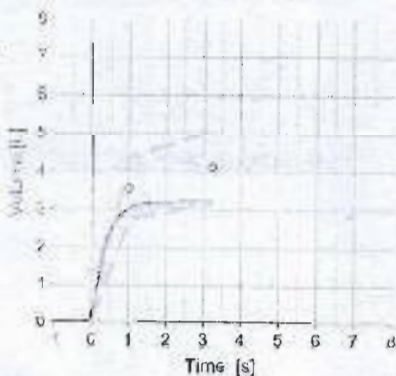
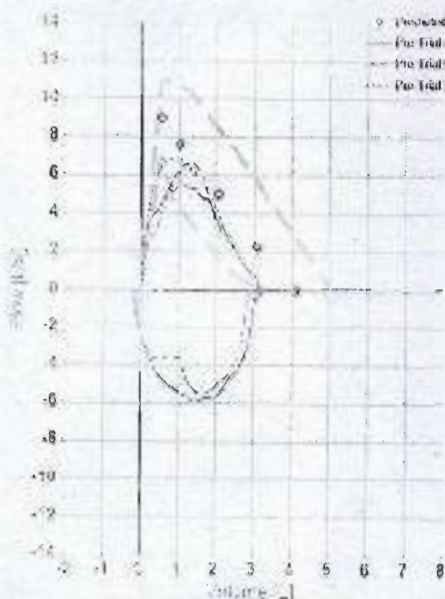
A (FEV1 Var=0.05 (1.7%); FVC Var=0.05 (1.4%))

System Interpretation

Ple

Normal Spirometry

* Indicates value outside normal range or significant post change



12/31/2018



PATIENT HELPLINE

186-0208-0208

Narayana Superspecialty Hospital

(a Unit of Narayana Healthcare Limited)

(Proprietary Narayana Healthcare Pvt. Ltd.) Chhatrapati Shivaji Maharaj

Registered Office: 208/A, Bhandarkar Industrial Area, Andheri East, Mumbai 400 059

Hospital Address: Near Tolaram Bafna Medical Complex, Amingdon, Guwahati 781009, Assam

Mob: +91 8811 003030 Email: guwahati@nh-hospitals.org www.narayanahealth.org

Patient Name : Mr. SONESWAR
 BASUMATARY
 MRN : 17550000131939
 Age/Sex : 20Y/M

Requested By : SELF
 Procedure Date : -31.12.2018
 Order From : -

X-RAY CHEST PA VIEW

Both lung fields are clear.
 No active parenchymal lesion is seen.
 The cardiac size is within normal limit.
 Both hila are normal in position, size, shape and density.
 Both domes of the diaphragm are normal in contour.
 Both costophrenic angles are clear.
 Soft tissue and bony cages are unremarkable.

IMPRESSION : No significant abnormality.

* This is a digitally signed valid document			Signature	Date / Time
Digitally validated and reported by	Dr. Karabi Bora - diagnosis	MD Radio	<i>Karabi Bora</i>	31/12/2018 3:37:58
Resident Radiologist	-	-	-	-
Transcribed by	-	-	-	-



Narayana Superspecialty Hospital

(a Unit of Narayana Health/Narayana Limited)

Previously Narayana Health/Narayana Limited; Call No: 186-0208-0208

Registered Office: 258/A, Tumkurasandra Industrial Area, Andol Taluk, Bangalore-560089

Hospital Address: Near Telaram Bafn medical complex, Aringnan, Guwahati 781031, Assam

Web: 181-8811-0208 Email: guwahati@nhhsofale.org, www.narayanahealth.org

Basumatary, Mr. Soneswar

ID: 0000131939

Gender: Male Height: 163 cm
 Ethnicity: Indian (+) Weight: 85 kg BMI: 24.8

FVL (ex/in)

Your FEV1 / Predicted: 102%

Test Date: 12/01/2018 15:36:36 PM
 Post Time:

Interpretation: GOLD/BRD/Haemato
 Predicted: BRD/LCS: 0.92

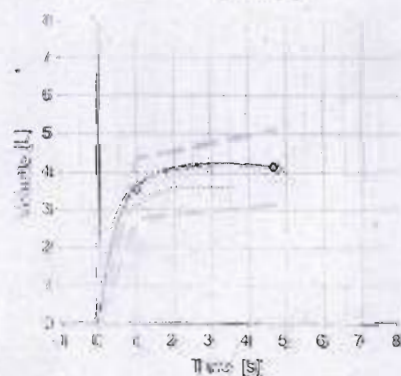
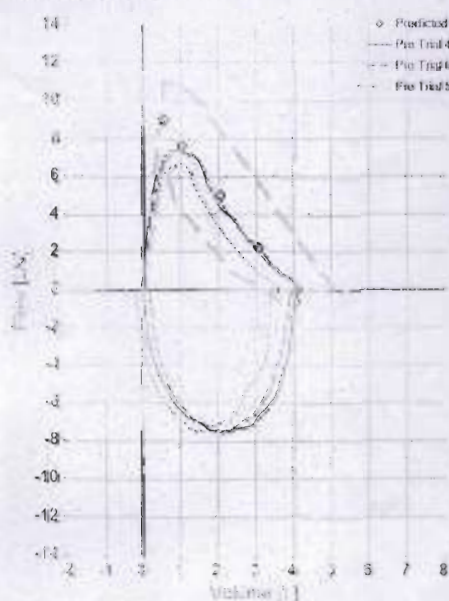
Unit of Narayana Health
 Value Selection: Best Test
 Society Interpreted by: Pm Subhakar Jain Bafna

Parameter	Pred	LLN	Best			%Pred
			Trial 4	Trial 5	Trial 6	
PVC [L]	4.12	3.17	4.22	4.20	3.61	102
FEV1 [L]	3.26	2.77	3.63	3.58	3.14	102
FEV1/FVC	0.627	0.709	0.831	0.813	0.862	104
FEV1/FVC (Z)	4.73	3.08	3.97	3.98	3.49	83
PIF [L/s]	9.02	7.06	7.61	7.34	6.61	83
PEF [L/s]	-	-	3.2	3.3	3.6	-
FVC [L]	4.12	3.17	4.15	4.00	3.83	104
RV [L/s]	-	-	7.54	7.63	7.53	-

Screen Quality: Pmc A FEV1 Vb = 0.051 (0.2%) FVC Vb = 0.011 (0.3%)

System Interpretation: Pmc Manual Spirometry

* Indicates value outside normal range or significant local change



PATIENT HELPLINE
 186-0208-0208

Narayana Superspecialty Hospital

(a Unit of Narayana Healthcare Limited)

(Formerly Narayana Healthcare Pvt. Ltd.) C.U. No: LB/100/00007/000007

Registered Office: 201/A, Tumkur Road Industrial Area, Ankur Taluk, Bangalore 560020

Hospital Address: Near Tolaram Sahas medical complex, Aringyank, Coimbatore 701001, Assam

Mobile: +91-8811-020081 Email: info@nhhospital.org, www.narayanahealth.org

Patient Name	SAMIN TALUKDAR	Requested By	
MRN	1755131937	Procedure DateTime	31-12-2018 14:05
Age/Sex	53Y	Hospital	NH-GUWAHATI

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- Mild degenerative changes are noted in the spine.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- No significant abnormality detected.

Dr. Ananya

Dr. Ananya, MBBS, MD
Junior Consultant Radiologist

This report has been received from NH Teleradiology 24/7 a service



-- End of Report --
Page 1 of 1



PATIENT HELPLINE
186-0208-0208

Narayana Superspeciality Hospital
(a Unit of Narayana Healthcare, India)

Registered Office: 288/A, Commercial Medical Area, Andra Tower, Bangalore 560094
Hospital Address: Kasi Tolani Bafna Medical Complex, Arinigen, Guwahati 781004, Assam
Mob: +91 9810200500 Email: guwahati@nhhospitals.co www.narayanahealth.org



Talukdar, Mr. Samin

ID: 0000131937

Gender: Male
Ethnicity: INDIAN (+)Height: 157 cm
Weight: 50 kg BMI: 20.3

FVL (ex/in)

Your FEV1 / Predicted: 71%

Test Date: 10/31/2018 2:29:31 PM

Interpretation: GOLD 2016/2017

Post Time:

Predicted: ERS/ERS + 0.05

BTPS (EX/IN): L12/1.02

Parameter	Pred	LLN	Best				%Pred
			Trial 2	Trial 4	Trial 3		
VC (L)	3.11	2.22	2.85	2.51	2.48		82
FEV1 (L)	2.35	1.69	1.95	1.80	1.63*		71
FEV1/FVC	0.770	0.656	0.700	0.717	0.656*		91
FEF25-75% (L/s)	1.47	1.75	1.50*	1.28*	1.16*		37
PEF (L/s)	7.81	5.52	2.95*	3.79*	2.09*		39
FET (s)	-	-	5.4	5.9	5.7		-
MVC (L)	3.16	2.20	2.67	2.62	2.70		84
MEF (L/s)	-	-	2.81	3.01	3.05		-

Session Quality:

Pre

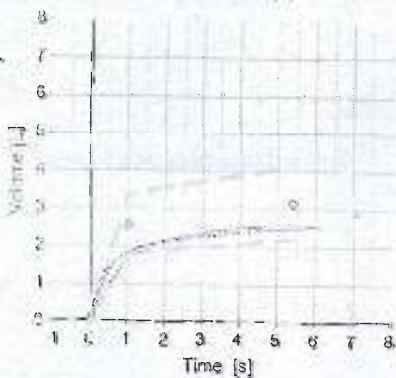
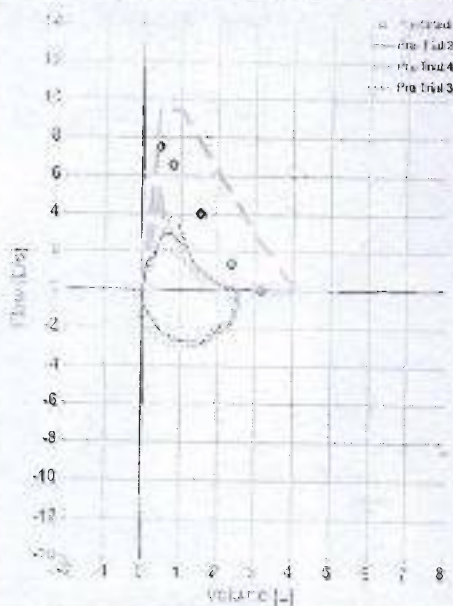
A (FEV1/MV=0.03, 12.0%; FVC/MV=0.07, 2.7%)

Session Interpretation:

Pre

Normal, Spirometry

* Indicates value outside normal range or significant DNAT change



3-12/31/2018



Narayana Superspeciality Hospital

(a Unit of Narayana Hrudayalaya Limited)

Previously Narayana Hrudayalaya Pvt. Ltd. Ch. No. 155, Bikaner Road

Registered Office: 258/A, Commissioner Industrial Area, Anant Taluk, Bongaigaon 580059

Hospital Address: Kazi Tolaram Bafna medical complex, Aringchen, Guwahati 781031, Assam

Mob: +91 9811 003030 Email: guwahati@nhhospitals.org www.narayanaahh.org

Boro, Mr. Ratiram

ID: 0000131944

Gender: Male
Ethnicity: INDIAN (+)Height:
Weight:DOB: 11/11/1955
Age: 59 YR 21.5

NH Narayana Bafna
 Superspeciality Hospital

FVL (ex/in)

Your FEV1 / Predicted: 103%

Test Date: 11/11/2018 3:02:24 PM

Interpretation:

GOLD/2008/Single

Unit of Narayana Health

Value Selection

Best (103)

Test Time:

Predictive:

EPS/DOC: 0.91

Society: PRAKASH CHANDRA SINGH & CO. Bafna

Best

Parameter	Pred	LLN	Trial 3	Trial 6	Trial 9	%Pred
FVC (L)	3.57	2.62	3.60	3.68	3.08	101
FEV1 (L)	2.98	2.19	3.06	2.97	2.96	103
FEV1/FVC	0.794	0.676	0.850	0.808	0.960	107
FEF25-75% (L/s)	3.95	2.24	3.53	3.31	4.32	89
PEF (L/s)	8.12	6.13	7.65	7.93	6.79	94
RET (s)	-	-	4.5	5.3	1.3	-
Flow (L)	3.57	2.62	3.53	3.70	2.93	99
Flow (L/s)	-	-	4.08	3.96	2.81	-

Spirometry Quality:

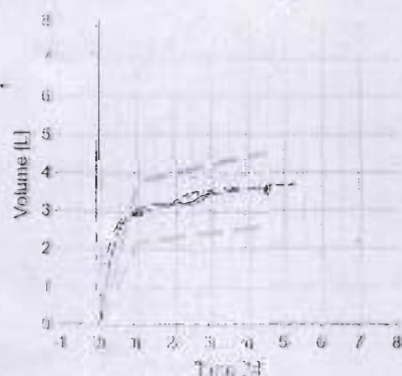
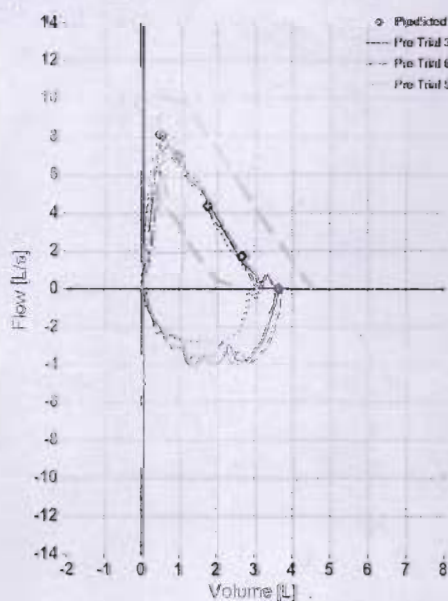
Pre

C (FEV1 Var=2.0% (7.8%); FVC Var=10.4 (2.1%))

Spirometry Interpretation:

Pre

Normal Spirometry


PATIENT HELPLINE
 186-0208-0208

Narayana Superspeciality Hospital

Unit of Narayana Health (P) Ltd.

(The Narayana Health Group is a leading provider of healthcare services in India)

Registered Office: 25/2A, Park Street, Kolkata-700017, India

Hospital Address: Near Bafna Medical Complex, Andheri, Mumbai-400053, India

Mob: +91 881009020 Emergency: 0811-888888, www.narayanahealth.org

ANNEXURE-VII

Expenditure on Environment Management and pollution control norms

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

**Expenditure on Environment Management and pollution control norms
for financial year 2018-19**

Sl. No.	Activities	Cost Incurred (INR)
1	Total 21 numbers of Bag filters are being used in our plant as environment pollution control devices. The electricity consumed and maintenance cost of the all bags filters for FY 2018-19	62,76,420.00
2	Within plant premises, water sprinkling and spraying on road for controlling fugitive dust. The cost of same in FY 2018-19	96,525.00
3	STP and Borewell Water external party test cost	10,561.00
4	Provided PPEs to workmen, employees and staff person, cost for FY 2018-19	1,07,277.00
5	Other miscellaneous expenditure for pollution control in FY 2018-19	33,432.00
	TOTAL COST SPENT UNDER ENVIRONMENT MANAGEMENT AND POLLUTION CONTROL NORMS IN FY2018-19	65,24,215.00

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



*ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR
PERIOD OF OCTOBER 2018 TO MARCH 2019*

ANNEXURE-VIII
NABL CERTIFICATE OF ABC
TECHNOLABS INDIA PVT. LTD.



**National Accreditation Board for
Testing and Calibration Laboratories**

(A Constituent Board of Quality Council of India)



CERTIFICATE OF ACCREDITATION

ABC TECHNO LABS INDIA PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

ABC Tower, No:400, 13th Street, SIDCO Industrial Estate, North Phase,
Ambattur, Chennai, Tamil Nadu

in the field of

TESTING

Certificate Number TC-5770

Issue Date 29/11/2017

Valid Until 28/11/2019

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL

N. Venkateswaran
Program Director



E9076970100030000503

Anil Relia
Chief Executive Officer