

# **ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR PERIOD OF OCTOBER 2017 TO MARCH 2018**

## **Project Name**

**Proposed 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 2017 TO MARCH 2018**

**PROJECT DETAILS**

Name of **ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT**  
Publication **FOR**  
**PERIOD OF OCTOBER 2017 TO MARCH 2018**

Project Number Version 2 Released 20<sup>th</sup> May 2018

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# **Environmental Clearance Compliance Report (October 2017 to March 2018)**



**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR  
PERIOD OF OCTOBER 2017 TO MARCH 2018**

**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR  
PERIOD OF OCTOBER 2017 TO MARCH 2018**

Name of The : M/s. Topcem India  
Company

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

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

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

**A. Specific conditions:**

SLNo.	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 <sup>3</sup> 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"><li>• 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 (<a href="http://202.191.230.91/">http://202.191.230.91/</a>)</li><li>• 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/Nm<sup>3</sup>. Bag filters, stacks of adequate height etc are being maintained.</li><li>• Monitored data of ambient air, fugitive and stack emission Report is attached as Annexure-I. Online opacity meter monthly Average report is enclosed as Annexure-III.</li></ul>
ii.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No.: 826(E), dated: 16th November, 2009 should be followed.	We are following the National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No.: 826(E), dated: 16 <sup>th</sup> November, 2009 and monitoring is carried out accordingly. Other than SOx, NOx and PM rest of parameters are found very minute quantity in the air so we are monitoring them once in a year. We have submitted the report of all parameters in September'2017.

**A. Specific conditions:**

<b>Sl.No.</b>	<b>Compliance Conditions</b>	<b>Compliance Status</b>
iii.	Gaseous emission levels 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>We are controlling fugitive emission from all the sources within the latest permissible limits issued by the MoEF guidelines using Bag filters &amp; 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"> <li>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.</li> <li>We have provided 19 numbers of reverse pulse jet type bag filters system in whole plant to control the fugitive emission.</li> <li>Covered storage is provided for fly ash and gypsum. For Clinker RCC Silo is provided.</li> <li>Belt Conveyors have been using for transporting of raw materials which are covered with GI sheets.</li> <li>We are receiving fly Ash in HDPE bags and after cutting bags we are feeding the fly ash to hopper through belt conveyor.</li> </ul>
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 in critical areas prone to air	<ul style="list-style-type: none"> <li>Concreting of road has done and upto 87.5% has covered. We ensure that we have installed in total 90 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 entering within the plant are attached with</li> </ul>

**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	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.	this report as Annexure-I and Annexure-II.
vi.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored.	We have taken all precautions to reduce impact of transport of raw material etc in the surrounding environment including agricultural land. Such as Fly ash is transported in HDPE sealed bags, internal roads of plant are paved and regular sprinkling of water is being done on roads.  We have separate parking areas for trucks and PUC certificate is checked regularly to control the vehicular emission.
vii.	Total water requirement for cement plant from bore wells shall not exceed 50 m <sup>3</sup> /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"> <li>▪ Total water requirement does not exceed 50 m<sup>3</sup>/day.</li> <li>▪ Being a Zero Discharge unit no waste water is generated. We conserve water by recycle and reuse of the process water after primary use.</li> <li>▪ Sewage Treatment Plant has been constructed and treated waste water reused in gardening.</li> <li>▪ Effluent Treatment Plant has also constructed for recycle water being used in washing of vehicles.</li> <li>▪ No process water is let to go outside the factory only it is included in recirculation system.</li> </ul>
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	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 stored for various uses. The photos of rain water

**A. Specific conditions:**

<b>Sl.No.</b>	<b>Compliance Conditions</b>	<b>Compliance Status</b>
	requirement. Only balance water requirement shall be met from other sources.	harvesting are attached here as <b>Annexure-V</b> .
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 / reproessors only.	<ul style="list-style-type: none"> <li>▪ 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. Spent Batteries are sold to the authorized recyclers/reprocessors only and separate storage room for the spent oil and batteries are maintained.</li> <li>▪ ETP has also constructed near plant workshop.</li> </ul>
x.	Green belt shall be developed in an area of 33% of total area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.	We have developed the green belt inside the plant premises within 22064 square meters to mitigate the effects of pollution in consultation with local DFO. The copy of letter is already submitted to you along with compliance report for the period of Oct'2015 to March 2016.
xi.	All the recommendations made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.	All the CREP conditions for the Cement plants are implemented and followed.
xii.	Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Shillong, ASPCB and CPCB within 3 months of issue of Environment Clearance letter.	<p>Already submitted to Ministry's Regional Office at Shillong, ASPCB and CPCB.</p> <p>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.</p>
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	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 are attached as <b>Annexure-IV</b> .



**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR  
PERIOD OF OCTOBER 2017 TO MARCH 2018**

**A. Specific conditions:**

Sl.No.	Compliance Conditions	Compliance Status
	Regional Office at Shillong. Implementation of such program should be ensured accordingly in a time bound manner.	
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 2018-19 from the board under water Act-1974 and Air Act-1981 vide APCB letter no.: WB/GUW/T-1241/PT-I/12-13/237/66 dated 23/04/18.
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. Right now there are no modifications in plant.
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	Condition is being followed.  Monitoring reports are enclosed as Annexure-I.

**B. General conditions:**

SL.No.	Compliance Conditions	Compliance Status
	Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	
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.	<p>Four ambient air quality monitoring locations are installed in consultation with Pollution Control Board vide Letter no WB/LB-B1/Amb/09-10/33/1327 dated 26th August 2011.</p> <ul style="list-style-type: none"> <li>▪ Analysis results on ambient air quality and stack emissions test report are attached as <b>Annexure -I</b>.</li> <li>▪ 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.</li> </ul>
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 plantation purpose.	Being a zero discharge unit no Industrial waste water is generated. We are using Sewage Treatment plant (STP) for treating waste water. The treated wastewater is being used for plantation and other purpose like spraying on roads and dust suppression.
vi.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	<p>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).</p> <p>Noise monitoring reports are enclosed as <b>Annexure-I</b>.</p>
vii.	Occupational health surveillance of the workers	Occupational health surveillance of the workers is being carried out on regular basis and

**B. General conditions:**

<b>Sl.No.</b>	<b>Compliance Conditions</b>	<b>Compliance Status</b>
	should be done on a regular basis and records maintained as per the Factories Act.	records are maintained as per the Factories Act. The latest Occupational health surveillance of the workers' bill copy is attached here as <b>Annexure-VI</b> .
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 photos of constructed rain water Harvesting is attached as <b>Annexure-V</b> .
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.  Some of the newspaper advertised copy is attached with this report.
x.	Requisite amount of funds shall be earmarked for the environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Shillong. The funds so provided shall not be diverted for any other purpose.	The fund has earmarked for environment pollution control measures as per EC granted by MOEF. Implementation schedule for implementing all 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 were received while processing the proposal.	No such suggestions/ representations from concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO were received while processing the proposal.

**B. General conditions:**

<b>Sl.No.</b>	<b>Compliance Conditions</b>	<b>Compliance Status</b>
	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.	The clearance letter is uploaded on our company website i.e <a href="http://www.topcem.in">www.topcem.in</a>
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 domain.	<ul style="list-style-type: none"> <li>▪ Status of the compliance of the stipulated environment clearance condition including monitoring data are uploaded in our website i.e. <a href="http://www.topcem.in">www.topcem.in</a> and also sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</li> <li>▪ We are displaying critical pollutants (ambient as well as stack emissions) near our Main gate of Plant.</li> </ul>
xiii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Shillong/ CPCB / SPCB shall monitor the stipulated conditions.	We are regularly submitting six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data as stipulated. Last EC Compliance report for the period April'2017 to September'2017 was submitted vide letter no. TI/MEF/0A157 dated 16 <sup>th</sup> November 2017 to the competent authorities.

**B. General conditions:**

<b>Sl.No.</b>	<b>Compliance Conditions</b>	<b>Compliance Status</b>
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 2017-2018 was submitted vide our letter No.TI/MEF/0A/117 dtd 16th May 2017 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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Shillong.	We have followed the condition as directed.
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	We have followed the condition and informed to the Ministry's regional Office, Shillong.

**B. General conditions:**

<b>Sl.No.</b>	<b>Compliance Conditions</b>	<b>Compliance Status</b>
	date of commencing the land development work.	
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 Transboundary movement Rules-2008 and the Public (Insurance) Liability Act-1991 along with their amendments and Rules.	We are agreed with the condition and assure that we are implementing the condition.

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**ENVIRONMENTAL CLEARANCE (EC) COMPLIANCE STATEMENT FOR  
PERIOD OF OCTOBER 2017 TO MARCH 2018**

**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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ACCREDITED BY NABL, ISO/IEC 17025 : 2005, QUALITY COUNCIL OF INDIA  
RECOGNISED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MOEFCC), GOVERNMENT OF INDIA

### TEST REPORT

REPORT NUMBER	:	ABCTL/20171020/STK/55
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	20-10-2017
REPORT DATE	:	25-10-2017

Page 1 of 1

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

Method: IS 11255 Part 1 (Reaffl.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....

2017

Verified



J. Robson Chinnadurai  
A. Robson Chinnadurai  
Technical Manager

Authorized Signatory

Terms and conditions :

- The test results relate only to the items tested.
- The test report shall not be reproduced in full or part without the written approval of ABC.
- The test items will not be retained for more than 15 days from the date of issue of test report in the case of perishable items unless otherwise agreed with the customer or as required by the applicable regulation.
- The Laboratory's responsibility under this report is limited to proven wilful negligence and will in no case be more than the invoice amount.

Issued to :

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



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RECOGNISED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MOEFCC), GOVERNMENT OF INDIA

## TEST REPORT

REPORT NUMBER	:	ABCTL/20171123/STK/ S5
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	23-11-2017
REPORT DATE	:	30-11-2017

Page 1 of 1

S.No	Stack Description	PM (mg/Nm <sup>3</sup> )	SO <sub>x</sub> (mg/Nm <sup>3</sup> )	NO <sub>x</sub> (mg/Nm <sup>3</sup> )
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....



25/11/2017

Verified

J. Robson Chinnadurai  
25/11/2017

A. Robson Chinnadurai  
Technical Manager

Authorized Signatory

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- The test items will not be retained for more than 15 days from the date of issue of test report in the case of questionable items unless otherwise agreed with the customer or as required by the applicable regulations.
- The Laboratory's responsibility under this report is limited to prove a valid sample and set to cause no more than the invoiced amount.

Issued to :

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



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RECOGNISED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MOEFCC), GOVERNMENT OF INDIA

### TEST REPORT

REPORT NUMBER	:	ABCTL/2017/219/STK/ S5
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	19-12-2017
REPORT DATE	:	27-12-2017

Page 1 of 1

S.No	Stack Description	PM (mg/Nm <sup>3</sup> )	SO <sub>x</sub> (mg/Nm <sup>3</sup> )	NO <sub>x</sub> (mg/Nm <sup>3</sup> )
1	Stack attached to Cement Mill	18.4	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....

2017



Verified

A. Robson Chinnadurai  
Technical Manager

Authorized Signatory

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- \* The Laboratory's responsibility under this report is limited to proven willful negligence and will not exceed the amount paid for the test.

Issued to :

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Gauripur, North Guwahati  
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### TEST REPORT

REPORT NUMBER	:	ABCTL/20180105/STK/ S5
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	05-01-2018
REPORT DATE	:	08-01-2018

Page 1 of 1

S.No	Stack Description	PM (mg/Nm <sup>3</sup> )	SO <sub>x</sub> (mg/Nm <sup>3</sup> )	NO <sub>x</sub> (mg/Nm <sup>3</sup> )
1	Stack attached to Cement Mill	16.3	Not Detected	Not Detected
	MoEF Standards	30	Not Specified	Not Specified

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

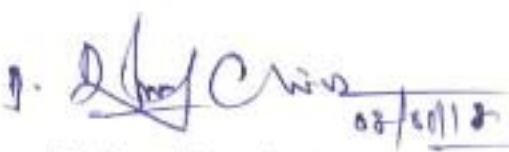
REMARKS: -Production capacity of the cement plant is 0.66 MTPA.  
Bag filter is attached to Cement mill.

....END OF REPORT....

2018

Verified



  
A. Robson Chinnadurai  
Technical Manager

Authorized Signatory

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## TEST REPORT

REPORT NUMBER	:	ABCTL/20180210/STK/SS
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	10-02-2018
REPORT DATE	:	15-02-2018

Page 1 of 1

S.No	Stack Description	PM (mg/Nm <sup>3</sup> )	SO <sub>x</sub> (mg/Nm <sup>3</sup> )	NO <sub>x</sub> (mg/Nm <sup>3</sup> )
1	Stack attached to Cement Mill	17.8	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.

...END OF REPORT...

A. Robson Chinnadurai  
Technical Manager



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## TEST REPORT

REPORT NUMBER	:	ABCTL/20180330/STK/ S5
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	30-03-2018
REPORT DATE	:	05-04-2018

Page 1 of 1

S.No	Stack Description	PM (mg/Nm <sup>3</sup> )	SO <sub>x</sub> (mg/Nm <sup>3</sup> )	NO <sub>x</sub> (mg/Nm <sup>3</sup> )
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...

*2nd*



Verified

*J. Robson Chinnadurai*  
A. Robson Chinnadurai  
Technical Manager  
08/04/18

Authorized Signatory

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### TEST REPORT

REPORT NUMBER	:	ABCTL/20171020/STK/S1-S4
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	20-10-2017 & 21-10-2017
REPORT DATE	:	25-10-2017

Page 1 of 1

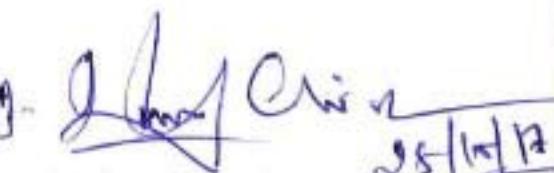
Date of Sampling	Stack Details	PM(mg/Nm <sup>3</sup> )
20-10-2017	Stack attached to DG Set 1500 KVA - 1	45.9
20-10-2017	Stack attached to DG Set 1500 KVA - 2	48.0
21-10-2017	Stack attached to DG Set 1500 KVA - 3	49.2
21-10-2017	Stack attached to DG Set 1500 KVA - 4	47.6
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

....END OF REPORT....



  
A. Robson Chinnadurai

Technical Manager

  
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### TEST REPORT

REPORT NUMBER	:	ABCTL/20171123/STK/S1-S4
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	23-11-2017 & 24-11-2017
REPORT DATE	:	30-11-2017

Page 1 of 1

Date of Sampling	StackDetails	PM(mg/Nm <sup>3</sup> )
23-11-2017	Stack attached to DG Set 1500 KVA - 1	47.3
23-11-2017	Stack attached to DG Set 1500 KVA -2	50.1
24-11-2017	Stack attached to DG Set 1500 KVA -3	48.4
24-11-2017	Stack attached to DG Set 1500 KVA -4	49.9
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

....END OF REPORT....



  
A. Robson Chinnadurai  
Technical Manager

  
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### TEST REPORT

REPORT NUMBER	:	ABCTL/20171218/STK/S1-S4
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	18-12-2017 & 19-12-2017
REPORT DATE	:	27-12-2017

Page 1 of 1

Date of Sampling	StackDetails	PM(mg/Nm³)
18-12-2017	Stack attached to DG Set 1500 KVA - 1	44.8
18-12-2017	Stack attached to DG Set 1500 KVA - 2	49.2
19-12-2017	Stack attached to DG Set 1500 KVA - 3	47.3
19-12-2017	Stack attached to DG Set 1500 KVA - 4	48.5
MuEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

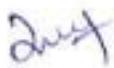
Note: All DG set with acoustic enclosure.

....END OF REPORT....



  
A. Robson Chinnadurai  
Technical Manager

20/12/17



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### TEST REPORT

REPORT NUMBER	:	ABCTL/20180104/STK/S1-S4
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	04-01-2018 & 05-01-2018
REPORT DATE	:	08-01-2018

Page 1 of 1

Date of Sampling	Stack Details	PM (mg/Nm³)
04-01-2018	Stack attached to DG Set 1500 KVA - 1	47.2
04-01-2018	Stack attached to DG Set 1500 KVA - 2	49.8
05-01-2018	Stack attached to DG Set 1500 KVA - 3	51.6
05-01-2018	Stack attached to DG Set 1500 KVA - 4	45.0
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

....END OF REPORT....



A. Robson Chinnadurai  
Technical Manager

02/01/18

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### TEST REPORT

REPORT NUMBER	:	ABCTL/20180209/STK/S1-S4
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	09-02-2018 & 10-02-2018
REPORT DATE	:	15-02-2018

Page 1 of 1

Date of Sampling	Stack Details	PM(mg/Nm <sup>3</sup> )
09-02-2018	Stack attached to DG Set 1500 KVA - 1	46.1
09-02-2018	Stack attached to DG Set 1500 KVA - 2	52.3
10-02-2018	Stack attached to DG Set 1500 KVA - 3	50.9
10-02-2018	Stack attached to DG Set 1500 KVA - 4	48.7
MoEF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

Note: All DG set with acoustic enclosure.

....END OF REPORT....



*A. Robson Chinnadurai*  
A. Robson Chinnadurai  
Technical Manager

15/02/18

*2018*

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## TEST REPORT

REPORT NUMBER	:	ABCTL/20180330/STK/S1-S4
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	SOURCE EMISSION MONITORING
DATE OF SAMPLING	:	30-03-2018 & 31-03-2018
REPORT DATE	:	05-04-2018

Page 1 of 1

Date of Sampling	StackDetails	PM(mg/Nm³)
30-03-2018	Stack attached to DG Set 1500 KVA - 1	49.0
30-03-2018	Stack attached to DG Set 1500 KVA - 2	51.7
31-03-2018	Stack attached to DG Set 1500 KVA - 3	48.4
31-03-2018	Stack attached to DG Set 1500 KVA - 4	50.2
MoRF Standards		75

Method: IS 11255 Part 1 (Reaff.2003)

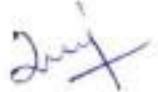
Note: All DG set with acoustic enclosure.

....END OF REPORT....



J. Robson Chinnadurai  
05/04/18

A. Robson Chinnadurai  
Technical Manager



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### TEST REPORT

REPORT NUMBER : ABCTL/20171020/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : SOURCE NOISE LEVEL MONITORING-DGset  
 DATE OF SAMPLING : 20-10-2017 & 21-10-2017  
 REPORT DATE : 25-10-2017 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	71.2
N2	1500 KVA DG Set-2	69.5
N3	1500 KVA DG Set-3	67.0
N4	1500 KVA DG Set-4	67.8

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

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



A. Robson Chinnadurai  
Technical Manager

Authorized Signatory

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### TEST REPORT

REPORT NUMBER : ABCTL/20171123/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : SOURCE NOISE LEVEL MONITORING -DGset  
 DATE OF SAMPLING : 23-11-2017 & 24-11-2017  
 REPORT DATE : 30-11-2017 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	73.1
N2	1500 KVA DG Set-2	70.6
N3	1500 KVA DG Set-3	68.2
N4	1500 KVA DG Set-4	69.4

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

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



  
A. Robson Chinnadurai

Technical Manager

2nd

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### TEST REPORT

REPORT NUMBER : ABCTL/20171218/NS/N1-N4  
SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
SAMPLE DESCRIPTION : SOURCE NOISE LEVEL MONITORING -DGset  
DATE OF SAMPLING : 18-12-2017 & 19-12-2017  
REPORT DATE : 27-12-2017 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	72.8
N2	1500 KVA DG Set-2	71.3
N3	1500 KVA DG Set-3	67.9
N4	1500 KVA DG Set-4	68.5

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

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



  
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Technical Manager

  
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### TEST REPORT

REPORT NUMBER : ABCTL/20180104/NS/N1-N4  
SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
SAMPLE DESCRIPTION : SOURCE NOISE LEVEL MONITORING -DGset  
DATE OF SAMPLING : 04-01-2018 & 05-01-2018  
REPORT DATE : 08-01-2018 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	69.8
N2	1500 KVA DG Set-2	72.4
N3	1500 KVA DG Set-3	70.1
N4	1500 KVA DG Set-4	66.3

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

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



A. Robson Chinnadurai  
Technical Manager

08/01/18

*[Signature]*

Verified

Authorized Signatory

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### TEST REPORT

REPORT NUMBER : ABCTL/20180209/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : SOURCE NOISE LEVEL MONITORING -DGset  
 DATE OF SAMPLING : 09-02-2018 & 10-02-2018  
 REPORT DATE : 15-02-2018 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	73.0
N2	1500 KVA DG Set-2	71.7
N3	1500 KVA DG Set-3	72.2
N4	1500 KVA DG Set-4	69.8

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

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



A. Robson Chinnadurai  
Technical Manager

Verified

Authorized Signatory

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### TEST REPORT

REPORT NUMBER : ABCTL/20180330/NS/N1-N4  
SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
SAMPLE DESCRIPTION : SOURCE NOISE LEVEL MONITORING -DGset  
DATE OF SAMPLING : 30-03-2018 & 31-03-2018  
REPORT DATE : 05-04-2018 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	71.5
N2	1500 KVA DG Set-2	69.2
N3	1500 KVA DG Set-3	70.8
N4	1500 KVA DG Set-4	67.4

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

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



  
A. Robson Chinnadurai  
Technical Manager

  
Verified

Authorized Signatory

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## TEST REPORT

REPORT NUMBER : ABCTL/20171021/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : AMBIENT NOISE LEVEL MONITORING  
 DATE OF SAMPLING : 20-10-2017 & 21-10-2017  
 REPORT DATE : 25-10-2017 Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]
N1	Near Highway & Truck Parking	68.4
N2	Near Workshop & Staff Quarter	71.2
N3	Near Packing Plant	69.0
N4	Near Cement Mill	73.1

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

Remarks: Noise level are carried out during day time.

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

Ambient Noise Standard  
.....END OF REPORT.....



J. Robson Chinnadurai  
A. Robson Chinnadurai  
Technical Manager  
25/10/17

25/10/17

Verified

Authorized Signatory

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## TEST REPORT

REPORT NUMBER : ABCTL/20171123/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : AMBIENT NOISE LEVEL MONITORING  
 DATE OF SAMPLING : 23-11-2017 & 24-11-2017  
 REPORT DATE : 30-11-2017 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	70.6
N3	Near Packing Plant	69.8
N4	Near Cement Mill	71.4

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

Remarks: Noise level are carried out during day time.

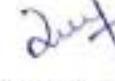
Method: IS: 9989-1981(Reaff: 2001)

Ambient Noise Standard  
.....END OF REPORT.....



  
A. Robson Chinnadurai

Technical Manager

  
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Authorized Signatory

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## TEST REPORT

REPORT NUMBER : ABCTL/20171218/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : AMBIENT NOISE LEVEL MONITORING  
 DATE OF SAMPLING : 18-12-2017 & 19-12-2017  
 REPORT DATE : 27-12-2017 Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]	
N1	Near Highway & Truck Parking	60.0	
N2	Near Workshop & Staff Quarter	71.8	
N3	Near Packing Plant	69.7	
N4	Near Cement Mill	72.9	

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

Remarks: Noise level are carried out during day time.

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

Ambient Noise Standard  
.....END OF REPORT.....



A. Robson Chinnadurai  
Technical Manager

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## TEST REPORT

REPORT NUMBER : ABCTL/20180104/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : AMBIENT NOISE LEVEL MONITORING  
 DATE OF SAMPLING : 04-01-2018 & 05-01-2018  
 REPORT DATE : 08-01-2018 Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]	
N1	Near Highway & Truck Parking	67.9	
N2	Near Workshop & Staff Quarter	72.3	
N3	Near Packing Plant	70.1	
N4	Near Cement Mill	72.6	

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

Remarks: Noise level are carried out during day time.

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

Ambient Noise Standard  
.....END OF REPORT.....



J. Robson Chinnadurai  
A. Robson Chinnadurai  
Technical Manager

Verified

Authorized Signatory

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## TEST REPORT

REPORT NUMBER : ABCTL/20180209/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : AMBIENT NOISE LEVEL MONITORING  
 DATE OF SAMPLING : 09-02-2018 & 10-02-2018  
 REPORT DATE : 15-02-2018 Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]	
N1	Near Highway & Truck Parking	66.5	
N2	Near Workshop & Staff Quarter	69.4	
N3	Near Packing Plant	68.2	
N4	Near Cement Mill	73.1	

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

Remarks: Noise level are carried out during day time.

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

Ambient Noise Standard  
.....END OF REPORT.....



A. Robson Chinnadurai  
Technical Manager

Verified

Authorized Signatory

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## TEST REPORT

REPORT NUMBER : ABCTL/20180330/NS/N1-N4  
 SAMPLE DRAWN BY : ABC Techno Labs India Private Limited  
 SAMPLE DESCRIPTION : AMBIENT NOISE LEVEL MONITORING  
 DATE OF SAMPLING : 30-03-2018 & 31-03-2018  
 REPORT DATE : 05-04-2018 Page 1 of 1

S. No.	Location /Source	Noise Level in Leq [dB(A)]
N1	Near Highway & Truck Parking	69.0
N2	Near Workshop & Staff Quarter	72.1
N3	Near Packing Plant	70.5
N4	Near Cement Mill	71.50

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

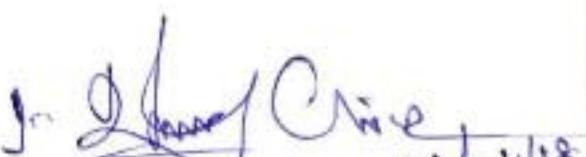
Remarks: Noise level are carried out during day time.

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

Ambient Noise Standard  
.....END OF REPORT.....



A. Robson Chinnadurai  
Technical Manager

  
08/04/18

  
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## TEST REPORT

REPORT NUMBER	:	ABCTL/20180330/AAQ/ A1-A4
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	AMBIENT AIR QUQLITY MONITORING
DATE OF SAMPLING	:	30-03-2018 & 31-03-2018
REPORT DATE	:	05-04-2018

Page 1 of 1

SL. NO.	DATE OF SAMPLING	LOCATION/SOURCE	WEATHER	PARAMETERS			
				PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	NOX ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
i)	30/03/18	Near highways & Truck parking	Clear	57.3	35.32	14.10	4.7
ii)		Near workshop & staff quarter		50.10	30.41	13.6	4.5
iii)	31/03/18	Near Switch yard	Clear	50.2	29.70	13.2	5.3
iv)		Near Truck Tippler		59.8	32.30	14.6	5.9

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 <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	Annual	50	
		24 Hours		80
2	Nitrogen Dioxide (NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ ))	Annual	40	
		24 Hours		80
3	Particulate Matter PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	Annual	60	
		24 Hours		100
4	Particulate Matter PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	Annual	40	
		24 Hours		60

...END OF REPORT...



Verified

A. Robson Chinnadurai 08/04/12

A. Robson Chinnadurai  
Technical Manager

**Authorized Signatory**

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## TEST REPORT

REPORT NUMBER	:	ABCTL/20180330/IAQ/A5
SAMPLE DRAWN BY	:	ABC TECHNO LABS INDIA PRIVATE LIMITED
SAMPLE DESCRIPTION	:	FUGITIVE EMISSION MONITORING
DATE OF SAMPLING	:	30-03-2018 & 31-03-2018
REPORT DATE	:	05-04-2018

Page 1 of 1

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ( $\mu\text{g}/\text{m}^3$ )	Remarks
i)	30/03/18	Near Main Gate	1017.22	-Water spraying is done to control the fugitive emission.
ii)		Near Fly Ash Yard	952.10	
iii)		Near Packing Loading Area	1473.00	
iv)		Near Packing Area	1292.08	-All materials are stored in closed sheds to mitigate fugitive emission.
v)		Near Bag Filter	416.13	
vi)		Near Truck Tippler	1158.26	

...END OF REPORT...

*[Signature]*  
Verified



*[Signature]*  
A. Robson Chinnadurai  
Technical Manager

Authorized Signatory

### Terms and conditions :

- \* The test results relate only to the items tested.
- \* The test report shall not be reproduced in full or partly without the written approval of ABC.
- \* The test items will not be retained for more than 10 days from the date of issue of test report in the case of perishable items unless otherwise agreed with the customer or as required by the applicable regulation.
- \* The Laboratory's responsibility under this report is limited to proven wilful negligence and will in no case be more than the involved amount.

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-17	1-Oct-17	5	AS01DD-1278	-	-	61.17
	1-Oct-17		AS-01EC-0135	-	-	40.70
	1-Oct-17		AS-25B-4033	-	-	30.20
	1-Oct-17		AS-01CC-1941	-	-	30.20
	1-Oct-17		AS-01EC-9476	-	-	56.70
	2-Oct-17	4	NL-01K-1761	-	-	30.20
	2-Oct-17		AS-01DC-9732	-	-	62.70
	2-Oct-17		AS01CC-8496	-	-	53.20
	2-Oct-17		AP-07TJ-0369	-	-	13.50
3-Oct-17	3-Oct-17	3	RJ18GA-2905	-	-	13.40
	3-Oct-17		NL01D-3840	-	-	22.60
	3-Oct-17		AS01GC-9009	-	-	33.40
	4-Oct-17	4	AS-01CC-4331	-	-	45.20
	4-Oct-17		AP-16TJ-0186	-	-	65.10
	4-Oct-17		AS01DC-9737	-	-	55.10
	4-Oct-17		AS01DC-9345	-	-	51.86
5-Oct-17	5-Oct-17	4	AS01DC-9632	-	-	22.66
	5-Oct-17		AS01BC-7588	-	-	15.70
	5-Oct-17		AS01BC-0055	-	-	53.20
	5-Oct-17		AP16TH-7677	-	-	47.53
	6-Oct-17	5	AS-01FC-7312	-	-	47.53
	6-Oct-17		AS-01EC-9286	-	-	29.87
	6-Oct-17		AS01DC-9737	-	-	23.40
	6-Oct-17		AS01GC-6651	-	-	44.28
	6-Oct-17		AS-01GC-5842	-	-	61.17
7-Oct-17	7-Oct-17	4	AS-01FC-9906	-	-	61.12
	7-Oct-17		AS-01EC-6272	-	-	61.17
	7-Oct-17		AS-01EC-0659	-	-	40.70
	7-Oct-17		AS-01DD-5535	-	-	30.20
	8-Oct-17	3	AS-01DD-5213	-	-	30.20
	8-Oct-17		AS-01DC-1525	-	-	56.70
	8-Oct-17		AS-01AC-8113	-	-	30.20
9-Oct-17	9-Oct-17	3	PB-65X-7514	-	-	47.53
	9-Oct-17		NL-01L-0365	-	-	47.53
	9-Oct-17		AS-01GC-0155	-	-	13.50
	10-Oct-17	4	AS01DC-4326	-	-	38.20
	10-Oct-17		AS01BC-2781	-	-	30.00
	10-Oct-17		AS01BC-1099	-	-	61.17
	10-Oct-17		AS01AC-9441	-	-	57.68
11-Oct-17	11-Oct-17		AS01DC-7709	-	-	49.50
	11-Oct-17		AS-01AC-6411	-	-	52.10
	11-Oct-17		NL-01Q-8581	-	-	57.68

Oct-17	11-Oct-17	5	NL-01Q-4612	-	-	11.06
	11-Oct-17		NL01N-4249	-	-	38.20
	12-Oct-17		AS-25CC-3200	-	-	21.30
	12-Oct-17	4	AS-01HC-1683	-	-	47.53
	12-Oct-17		AS-01GC-6392	-	-	35.85
	12-Oct-17		AS-01DD-3086	-	-	38.20
	13-Oct-17		AS-01DC-9791	-	-	33.25
	13-Oct-17	2	AS01FC-0129	-	-	49.50
	14-Oct-17		AS01EC-7849	-	-	54.80
	14-Oct-17	6	AS-01EC-0373	-	-	47.53
	14-Oct-17		AS01FC-9437	-	-	55.82
	14-Oct-17		AS-01BC-2351	-	-	15.60
	14-Oct-17		AS01DC-0789	-	-	47.53
	14-Oct-17		AS-01DD-1299	-	-	30.20
	15-Oct-17		AS-01BC-0799	-	-	42.82
	15-Oct-17	4	AS01CC-4259	-	-	23.40
	15-Oct-17		AS-01CC-7239	-	-	27.50
	15-Oct-17		AS-01C-3151	-	-	47.53
	16-Oct-17		AS-01C-9075	-	-	30.00
	16-Oct-17	3	AS01CC-2590	-	-	24.60
	16-Oct-17		AS-01EC-0657	-	-	43.80
	17-Oct-17		NL01K-7665	-	-	30.20
	17-Oct-17	4	NL02N-0433	-	-	61.17
	17-Oct-17		AS-01AC-0911	-	-	61.17
	17-Oct-17		AS-01CC-1537	-	-	42.82
	18-Oct-17		AS-01CC-1537	-	-	61.17
	18-Oct-17	4	AS01CC-2590	-	-	49.50
	18-Oct-17		AS-01FC-6961	-	-	52.10
	18-Oct-17		AS-01GC-8485	-	-	57.68
	19-Oct-17		NL01K-8714	-	-	11.06
	19-Oct-17	4	AS-01AC-8642	-	-	38.20
	19-Oct-17		AS01DD-2058	-	-	21.30
	19-Oct-17		AS01AC-5159	-	-	47.53
	20-Oct-17		AS-01BC-4537	-	-	35.85
	20-Oct-17	3	AS01DD-1335	-	-	15.70
	20-Oct-17		AS-01DD-2155	-	-	30.20
	21-Oct-17		AS-01AC-6499	-	-	30.20
	21-Oct-17	4	AS-01BC-2351	-	-	42.82
	21-Oct-17		AS01FC-9437	-	-	26.86
	21-Oct-17		AS-01EC-0373	-	-	30.20
	22-Oct-17		AS01EC-7849	-	-	61.80
	22-Oct-17	5	AS01FC-0129	-	-	61.17
	22-Oct-17		AS-01DC-9791	-	-	21.30
	22-Oct-17		AS-01DD-3086	-	-	42.82
	22-Oct-17		AS-01GC-6392	-	-	45.90
	23-Oct-17		AS-01HC-1683	-	-	17.00
	23-Oct-17		AS-25CC-3200	-	-	62.70

23-Oct-17		NL01N-4249	-	-	31.00
23-Oct-17	4	NL-01Q-4612	-	-	53.20
24-Oct-17		NL-01Q-8581	-	-	30.20
24-Oct-17		AS-01AC-6411	-	-	61.80
24-Oct-17		AS01DC-7709	-	-	38.20
24-Oct-17	4	AS01AC-9441	-	-	38.10
25-Oct-17		AS01BC-1099	-	-	61.17
25-Oct-17	2	AS01BC-2781	-	-	30.20
26-Oct-17		AS01DC-4326	-	-	47.53
26-Oct-17		AS-01GC-0155	-	-	30.20
26-Oct-17	3	NL-01L-0365	-	-	30.20
27-Oct-17		PB-65X-7514	-	-	45.80
27-Oct-17		AS0-1BC-6598	-	-	47.20
27-Oct-17		AS-01AC-8113	-	-	49.50
27-Oct-17		AS-01DC-1525	-	-	23.40
27-Oct-17	5	AS-01DD-5213	-	-	61.20
28-Oct-17		AS-01DD-5535	-	-	47.53
28-Oct-17		AS-01EC-0659	-	-	47.53
28-Oct-17		AS-01EC-6272	-	-	30.20
28-Oct-17		AS-01FC-9906	-	-	29.80
28-Oct-17	5	AS-01GC-5842	-	-	42.82
29-Oct-17		AS01GC-6651	-	-	57.68
29-Oct-17		AS01DC-9737	-	-	52.30
29-Oct-17		AS-01DD-5271	-	-	42.82
29-Oct-17	4	AS-01EC-9286	-	-	30.00
30-Oct-17		AS-01FC-7312	-	-	61.17
30-Oct-17		AP-16TG-0877	-	-	45.90
30-Oct-17	3	AP16TH-7677	-	-	29.87
31-Oct-17		AS01BC-0055	-	-	47.53
31-Oct-17		AS01DC-6357	-	-	19.50
31-Oct-17		AS01EC-0703	-	-	22.60
31-Oct-17	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)
Nov-17	1-Nov-17	4	AS-01AC-7071	-	-	61.17
	1-Nov-17		AS-01DC-9732	-	-	40.70
	1-Nov-17		AS-01FC-5275	-	-	30.20
	1-Nov-17		NL-01K-1761	-	-	30.20
	2-Nov-17	4	AS-01DD-2058	-	-	30.20
	2-Nov-17		TR01AB-1622	-	-	62.70
	2-Nov-17		AS-01DD-7187	-	-	53.20
	2-Nov-17		AS-01FC-7035	-	-	13.50
	3-Nov-17	3	AP28TE-6224	-	-	13.40
	3-Nov-17		AS-01DD-5712	-	-	22.60
	3-Nov-17		AS-01EC-9417	-	-	33.40
Nov-17	4-Nov-17	4	AS01DC-0789	-	-	45.20
	4-Nov-17		AS-01BC-0799	-	-	65.10
	4-Nov-17		AS01CC-4259	-	-	55.10
	4-Nov-17		AS-01CC-7239	-	-	51.86
	5-Nov-17	5	AS-01C-9075	-	-	22.66
	5-Nov-17		NL01K-7665	-	-	15.70
	5-Nov-17		NL02N-0433	-	-	53.20
	5-Nov-17		AS-01AC-0911	-	-	61.60
	5-Nov-17		AS01CC-2590	-	-	47.53
Nov-17	6-Nov-17	5	AS-01AC-8642	-	-	47.53
	6-Nov-17		AS01DD-2058	-	-	29.87
	6-Nov-17		AS-01DD-9886	-	-	23.40
	6-Nov-17		AS-01EC-4737	-	-	44.28
	6-Nov-17		AS-01BC-4537	-	-	61.17
	7-Nov-17	4	AS-01FC-9731	-	-	61.12
	7-Nov-17		AS-01BC-2351	-	-	61.17
	7-Nov-17		AS01FC-9437	-	-	40.70
	7-Nov-17		AS01EC-7849	-	-	30.20
Nov-17	8-Nov-17	4	AS-01GC-6392	-	-	30.20
	8-Nov-17		AS-01DD-3086	-	-	56.70
	8-Nov-17		NL-01Q-4612	-	-	51.06
	8-Nov-17		NL-01Q-8581	-	-	30.20
	9-Nov-17	4	AS-01AC-6411	-	-	47.53
	9-Nov-17		AS01DC-7709	-	-	46.30
	9-Nov-17		AS01BC-1099	-	-	33.60
	9-Nov-17		AS01BC-2781	-	-	13.50
Nov-17	10-Nov-17	4	NL-01L-0365	-	-	38.20
	10-Nov-17		PB-65X-7514	-	-	30.00
	10-Nov-17		AS01BC-6598	-	-	61.17
	10-Nov-17		AS-01AC-8113	-	-	57.68
	11-Nov-17	4	AS-01DC-1525	-	-	49.50
	11-Nov-17		AS-01DD-5535	-	-	52.10
	11-Nov-17		AS-01EC-0659	-	-	57.68
	11-Nov-17		AS-01FC-9906	-	-	11.06

Nov-17	11-Nov-17	5	AS-01GC-5842	-	-	38.20
	12-Nov-17		AS01GC-6651	-	-	21.30
	12-Nov-17		AS-01FC-7312	-	-	47.53
	12-Nov-17		AP-16TG-0877	-	-	35.85
	12-Nov-17	4	AP16TH-7677	-	-	38.20
	13-Nov-17		AS01DC-6357	-	-	33.25
	13-Nov-17		AS-01EC-2197			57.61
	13-Nov-17	3	AS-01AC-2395	-	-	49.50
	14-Nov-17		AS01BC-7588	-	-	54.80
	14-Nov-17		AS01DC-9345	-	-	47.53
	14-Nov-17		AS01DC-9437	-	-	55.82
	14-Nov-17		AP-16TJ-0186	-	-	15.60
	14-Nov-17	5	AS-01CC-4331	-	-	47.53
	15-Nov-17		AS01GC-5244	-	-	42.82
	15-Nov-17		NL01D-3840	-	-	23.40
	15-Nov-17		RJ18GA-2905	-	-	14.50
	15-Nov-17	4	AS-01DC-9732	-	-	47.53
	16-Nov-17		AS-01FC-5275	-	-	30.00
	16-Nov-17		AS-01AC-7071	-	-	24.60
	16-Nov-17		AS-01EC-0135	-	-	42.81
	16-Nov-17	4	AS-25B-4033	-	-	43.80
	17-Nov-17		AS-01DD-7187	-	-	30.20
	17-Nov-17		AS-01FC-7035	-	-	61.17
	17-Nov-17		AS-01DD-0747	-	-	61.17
	17-Nov-17	4	AS01DC-0789	-	-	42.82
	18-Nov-17		AS-01BC-0799	-	-	61.17
	18-Nov-17		AS-01AC-0260	-	-	49.50
	18-Nov-17		AS01CC-2590	-	-	52.10
	18-Nov-17	4	AS-01AC-0911	-	-	57.68
	19-Nov-17		AS-01GC-8485	-	-	11.06
	19-Nov-17		AS-01AC-8642	-	-	38.20
	19-Nov-17		AS-01DD-9886	-	-	21.30
	19-Nov-17	4	AS01AC-5159	-	-	47.53
	20-Nov-17		AS01BC-2351	-	-	35.85
	20-Nov-17		AS-01DD-2155	-	-	15.70
	20-Nov-17	3	AS-01AC-6499	-	-	30.20
	21-Nov-17		AS-01AC-6411	-	-	30.20
	21-Nov-17		AS01AC-9441	-	-	42.82
	21-Nov-17		AS01BC-1099	-	-	26.86
	21-Nov-17	4	AS01BC-2781	-	-	30.20
	22-Nov-17		PB-65X-7514	-	-	61.80
	22-Nov-17		AS01BC-6598	-	-	61.17
	22-Nov-17		AS-01DC-1525	-	-	21.30
	22-Nov-17		AS-01DD-5535	-	-	42.82
	22-Nov-17	5	AS-01EC-6272	-	-	45.90
	23-Nov-17		AS01GC-6651	-	-	17.00
	23-Nov-17		AS-01EC-9286	-	-	62.70
	23-Nov-17		AP16TH-7677	-	-	31.00
	23-Nov-17	4	AS01DD-9576	-	-	53.20
	24-Nov-17		AS-01AC-2395	-	-	30.20

24-Nov-17		AS01DC-9632	-	-	61.80
24-Nov-17		AS01DC-9345	-	-	38.20
24-Nov-17	4	AS01DC-9737	-	-	13.50
25-Nov-17	4	AS-01CC-4331	-	-	61.17
25-Nov-17		AS01GC-5244	-	-	52.10
25-Nov-17		NL01D-3840	-	-	26.30
25-Nov-17		AP-07TJ-0369	-	-	30.20
26-Nov-17	4	AS01DC-0789	-	-	47.53
26-Nov-17		AS01DD-1278	-	-	29.10
26-Nov-17		UP32DN-4494	-	-	30.20
26-Nov-17		AS-01EC-0135	-	-	30.20
27-Nov-17	5	AS-25B-4033	-	-	45.80
27-Nov-17		AS-01CC-1941	-	-	47.20
27-Nov-17		AS-01EC-9476	-	-	49.50
27-Nov-17		AS-01FC-6225	-	-	23.40
27-Nov-17		AS-01FC-7429	-	-	61.20
28-Nov-17	5	TR01AB-1622	-	-	47.53
28-Nov-17		AS-01DD-7187	-	-	47.53
28-Nov-17		AS-01FC-7429	-	-	30.20
28-Nov-17		AP28TE-6225	-	-	29.80
28-Nov-17		AS-01DD-5712	-	-	42.82
29-Nov-17	4	AS-01EC-8097	-	-	57.68
29-Nov-17		AS01BC-1055	-	-	52.30
29-Nov-17		AS01DC-0789	-	-	42.82
29-Nov-17		AS-01DD-2557	-	-	30.00
30-Nov-17	4	AS01CC-4259	-	-	61.17
30-Nov-17		AS-01AC-0260	-	-	45.90
30-Nov-17		AS01CC-2590	-	-	23.40
30-Nov-17		NL01K-7665	-	-	29.87

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-17	1-Dec-17	4	AS01DD-1335	-	-	33.30
	1-Dec-17		AS-01BC-4537	-	-	43.20
	1-Dec-17		AS-01EC-4737	-	-	56.20
	1-Dec-17		NL01K-8714	-	-	32.60
	2-Dec-17	4	AS-01FC-6961	-	-	31.40
	2-Dec-17		AS-01AC-0911	-	-	32.60
	2-Dec-17		AS-01EC-0657	-	-	36.40
	2-Dec-17		AS-01C-3151	-	-	42.10
3-Dec-17	3-Dec-17	5	AS01CC-4259	-	-	46.10
	3-Dec-17		AS-01DD-2557			22.10
	3-Dec-17		AS-01DD-1299			26.10
	3-Dec-17		AS01BC-1055	-	-	16.10
	3-Dec-17		AP28TE-6225	-	-	12.90
	4-Dec-17	4	AS-01FC-6225	-	-	16.80
	4-Dec-17		AS01CC-8579	-	-	22.40
	4-Dec-17		TR01AB-1622	-	-	33.80
	4-Dec-17		AS-01GC-8855	-	-	39.40
5-Dec-17	5-Dec-17	5	AS-01EC-0135	-	-	33.40
	5-Dec-17		AS-01AC-7071	-	-	13.60
	5-Dec-17		NL-01K-1761	-	-	44.20
	5-Dec-17		AS01DD-1278	-	-	47.60
	5-Dec-17		AS-01DC-9732	-	-	61.50
	6-Dec-17	5	AS-01AC-7071	-	-	55.10
	6-Dec-17		RJ18GA-2905	-	-	34.20
	6-Dec-17		AS01GC-9009	-	-	27.80
	6-Dec-17		AS01EC-2197	-	-	40.60
	6-Dec-17		AS-01CC-4061	-	-	48.80
7-Dec-17	7-Dec-17	4	AS01DC-9723	-	-	38.90
	7-Dec-17		AS01DC-9345	-	-	38.60
	7-Dec-17		AS01BC-7588	-	-	41.20
	7-Dec-17		AS-01EC-2197	-	-	39.60
	8-Dec-17	4	AS-01FC-7312	-	-	37.60
	8-Dec-17		AS01GC-6651	-	-	42.30
	8-Dec-17		AS-01EC-6272	-	-	26.20
	8-Dec-17		AS-01DD-5213	-	-	52.20
9-Dec-17	9-Dec-17	4	A50-1BC-6598	-	-	53.40
	9-Dec-17		NL-01L-0365	-	-	26.20
	9-Dec-17		AS01BC-2781	-	-	42.10
	9-Dec-17		NL-01Q-8581	-	-	45.70
	10-Dec-17	4	AS-25CC-3200	-	-	36.90
	10-Dec-17		AS-01GC-6392	-	-	51.80
	10-Dec-17		AS-01FC-0129	-	-	49.20
	10-Dec-17		AS-01FC-9437	-	-	48.10
11-Dec-17	AS-01AC-2395	-	-	38.90		
	AS01DC-9309	-	-	15.90		

Dec-17	11-Dec-17	5	AP-16TJ-0186	-	-	36.30
	11-Dec-17		AS01EC-2197	-	-	41.20
	11-Dec-17		RJ18GA-2905	-	-	22.60
	12-Dec-17		AS01CC-8496	-	-	29.40
	12-Dec-17		AS-01CC-7667	-	-	32.40
	12-Dec-17	4	UP32DN-4494	-	-	41.10
	12-Dec-17		AS-01EC-0135	-	-	26.80
	13-Dec-17		AS01CC-8496	-	-	27.10
	13-Dec-17		AS-01DC-9732			30.10
	13-Dec-17	5	AS-01CC-7667			23.60
	13-Dec-17		AS-01FC-5275			42.10
	13-Dec-17		NL-01K-1761	-	-	56.10
	14-Dec-17		AS-01AC-7071	-	-	59.10
	14-Dec-17		TR-01K-1728	-	-	28.10
	14-Dec-17	5	AS-01GC-8855	-	-	16.40
	14-Dec-17		TR01AB-1622	-	-	28.11
	14-Dec-17		AS01CC-8579	-	-	42.10
	15-Dec-17		AS-01EC-9476	-	-	56.00
	15-Dec-17		AS-01FC-6225	-	-	32.00
	15-Dec-17	4	AS-01FC-7429	-	-	16.10
	15-Dec-17		AP28TE-6224	-	-	28.00
	16-Dec-17		AS-01DD-0747	-	-	19.80
	16-Dec-17		AS-01EC-2678	-	-	40.60
	16-Dec-17	4	AS-01EC-9417	-	-	48.80
	16-Dec-17		AS01BC-1055	-	-	38.90
	17-Dec-17		AS01DC-0789	-	-	38.60
	17-Dec-17		AS-01DD-2557	-	-	41.20
	17-Dec-17	4	AS01CC-4259	-	-	39.60
	17-Dec-17		AS-01C-3151	-	-	33.30
	18-Dec-17		AS-01EC-0657	-	-	27.10
	18-Dec-17		NL02N-0433	-	-	56.20
	18-Dec-17	4	NL01K-7665	-	-	32.60
	18-Dec-17		AS-01AC-0911	-	-	26.10
	19-Dec-17		AS01CC-2590	-	-	28.10
	19-Dec-17		AS-01FC-6961	-	-	27.10
	19-Dec-17	4	NL01K-8714	-	-	44.10
	19-Dec-17		AS01DD-2058	-	-	56.10
	20-Dec-17		AS-01DD-9886	-	-	60.80
	20-Dec-17		AS01AC-5159			61.40
	20-Dec-17	5	AS-01AC-7021			15.40
	20-Dec-17		AS01BC-2351	-	-	28.10
	20-Dec-17		AS-01BC-4537	-	-	36.10
	21-Dec-17		AS01DD-1335	-	-	46.10
	21-Dec-17		AS-01DD-2155	-	-	56.10
	21-Dec-17	4	AS-01FC-9731	-	-	28.10
	21-Dec-17		AS-01BC-2351	-	-	29.30
	22-Dec-17		AS-01EC-0373	-	-	30.40
	22-Dec-17		AS01FC-0129	-	-	29.10
	22-Dec-17		AS-01DC-9791	-	-	33.40
	22-Dec-17		AS-25CC-3200	-	-	50.10

22-Dec-17	5	NL-01Q-8581	-	-	22.70
23-Dec-17		AS01AC-9441	-	-	47.10
23-Dec-17		AS01BC-2781	-	-	29.10
23-Dec-17		AS-01GC-0155	-	-	30.10
23-Dec-17	4	NL-01L-0365	-	-	28.10
24-Dec-17		AS-01AC-8113	-	-	16.60
24-Dec-17		AS-01DC-1525	-	-	28.10
24-Dec-17		AS-01DD-5213	-	-	26.40
24-Dec-17	4	AS-01FC-9906	-	-	28.40
25-Dec-17		AS-01EC-9286	-	-	61.70
25-Dec-17		AP16TH-7677	-	-	23.40
25-Dec-17		AS01DD-9576	-	-	17.40
25-Dec-17	4	AS01FC-1677	-	-	33.80
26-Dec-17		AS01BC-7588	-	-	34.90
26-Dec-17		AS01DC-9345	-	-	22.40
26-Dec-17		AS01DC-9309	-	-	45.10
26-Dec-17	4	AS01DC-9723	-	-	33.40
27-Dec-17		AP-16TJ-0186	-	-	38.10
27-Dec-17		AS01CC-4911	-	-	40.10
27-Dec-17		AS01GC-5244	-	-	36.10
27-Dec-17		NL01D-3840	-	-	34.40
27-Dec-17	5	AP-07TJ-0369	-	-	38.70
28-Dec-17		AS01CC-8496	-	-	42.40
28-Dec-17		AS-01DC-9732	-	-	46.10
28-Dec-17		AS01DD-1278	-	-	45.10
28-Dec-17		NL-01K-1761	-	-	46.80
28-Dec-17	5	UP32DN-4494	-	-	28.10
29-Dec-17		AS-01DD-2058	-	-	27.10
29-Dec-17		TR-01K-1728	-	-	19.50
29-Dec-17		AS-01GC-8855	-	-	45.80
29-Dec-17	4	TR01AB-1622	-	-	52.10
30-Dec-17		AS01CC-8579	-	-	53.90
30-Dec-17		AS-01EC-9476	-	-	59.10
30-Dec-17		AS-01FC-7035	-	-	28.10
30-Dec-17	4	AP28TE-6224	-	-	27.10
31-Dec-17		AP28TE-6225	-	-	33.10
31-Dec-17		AS-01DD-5712	-	-	61.60
31-Dec-17		AS-01EC-8097	-	-	60.70
31-Dec-17		AS01BC-1055	-	-	61.19
31-Dec-17		AS01DC-0789	-	-	56.40
31-Dec-17	6	AS-01DD-1299	-	-	28.90

M/S TOPCEM INDIA						
PUC VEHICLE MOVEMENT WITHIN PLANT DATA						
MONTH	DATE	NOS. OF VEHICLES	VEHICLE NO	PUC DATA		
1-Jan-18	1-Jan-18	5	AS-25B-4033	-	-	61.17
	1-Jan-18		AS-01BC-2351	-	-	40.70
	1-Jan-18		AS01FC-0129	-	-	30.20
	1-Jan-18		AS-01DC-9791	-	-	30.20
	1-Jan-18		AS-01DD-3086	-	-	56.70
	2-Jan-18	5	AS-01HC-1683	-	-	30.20
	2-Jan-18		AS-25CC-3200	-	-	62.70
	2-Jan-18		NL-01Q-8581	-	-	53.20
	2-Jan-18		AS-01AC-6411	-	-	13.50
	2-Jan-18		AS01AC-9441	-	-	13.40
3-Jan-18	3-Jan-18	4	AS01BC-2781	-	-	22.60
	3-Jan-18		AS-01GC-0155	-	-	33.40
	3-Jan-18		PB-65X-7514	-	-	45.20
	3-Jan-18		AS-01AC-8113	-	-	65.10
	4-Jan-18	5	AS-01DD-5213	-	-	55.10
	4-Jan-18		AS-01DD-5535	-	-	51.86
	4-Jan-18		AS-01EC-6272	-	-	22.66
	4-Jan-18		AS-01GC-5842	-	-	15.70
	4-Jan-18		AS-01DD-5271	-	-	53.20
5-Jan-18	5-Jan-18	4	AP-16TG-0877	-	-	47.53
	5-Jan-18		AS01DC-6357	-	-	47.53
	5-Jan-18		AS-01EC-2197	-	-	29.87
	5-Jan-18		AS01BC-7588	-	-	23.40
	6-Jan-18	5	AS01DC-9309	-	-	44.28
	6-Jan-18		AS01DC-9437	-	-	61.17
	6-Jan-18		AP-16TJ-0186	-	-	61.12
	6-Jan-18		AS-01CC-4331	-	-	61.17
	6-Jan-18		AS01GC-5244	-	-	40.70
7-Jan-18	7-Jan-18	4	RJ18GA-2905	-	-	30.20
	7-Jan-18		AS-01AC-7071	-	-	30.20
	7-Jan-18		AS01DC-0789	-	-	56.70
	7-Jan-18		AS-01CC-7667	-	-	30.20
	8-Jan-18	4	AS-01FC-5275	-	-	47.53
	8-Jan-18		UP32DN-4494	-	-	47.53
	8-Jan-18		AS-01DD-2058	-	-	13.50
	8-Jan-18		AS-01EC-0135	-	-	38.20
9-Jan-18	9-Jan-18	4	AS-25B-4033	-	-	30.00
	9-Jan-18		AS-01CC-1941	-	-	61.17
	9-Jan-18		AS-01DD-7187	-	-	57.68
	9-Jan-18		AS-01FC-7035	-	-	49.50
	10-Jan-18	4	AP28TE-6225	-	-	52.10
	10-Jan-18		AS-01EC-2678	-	-	57.68
	10-Jan-18		AS-01EC-9417	-	-	11.06
	10-Jan-18		AS-01CC-2335	-	-	38.20
	11-Jan-18		AS-01DD-1299	-	-	21.30

Jan-18	5	11-Jan-18	AS-01BC-0799	-	-	47.53
		11-Jan-18	AS-01CC-7239	-	-	35.85
		11-Jan-18	AS-01C-3151	-	-	38.20
	4	11-Jan-18	AS01CC-2590	-	-	33.25
		12-Jan-18	NL01K-7665	-	-	49.50
		12-Jan-18	AS-01AC-0911	-	-	54.80
		12-Jan-18	AS01CC-2590	-	-	47.53
	4	12-Jan-18	AS-01GC-8485	-	-	55.82
		13-Jan-18	AS-01AC-8642	-	-	15.60
		13-Jan-18	AS01DD-2058	-	-	47.53
		13-Jan-18	AS-01DD-9886	-	-	30.20
	5	13-Jan-18	AS01AC-5159	-	-	42.82
		14-Jan-18	AS01BC-2351	-	-	23.40
		14-Jan-18	AS01DD-1335	-	-	4.50
		14-Jan-18	AS-01FC-9731	-	-	47.53
		14-Jan-18	AS-01BC-2351	-	-	30.00
	4	14-Jan-18	AS01EC-7849	-	-	24.60
		15-Jan-18	AS-01EC-0373	-	-	43.80
		15-Jan-18	AS-01DC-9791	-	-	30.20
		15-Jan-18	AS-01DD-3086	-	-	61.17
	4	15-Jan-18	AS-01GC-6392	-	-	61.17
		16-Jan-18	AS-25CC-3200	-	-	42.82
		16-Jan-18	NL-01Q-4612	-	-	61.17
		16-Jan-18	AS01DC-7709	-	-	49.50
	4	16-Jan-18	AS01BC-1099	-	-	52.10
		17-Jan-18	AS01DC-4326	-	-	57.68
		17-Jan-18	PB-65X-7514	-	-	11.06
		17-Jan-18	AS-01AC-8113	-	-	38.20
	4	17-Jan-18	AS-01DD-5213	-	-	21.30
		18-Jan-18	AS-01EC-0659	-	-	47.53
		18-Jan-18	AS-01FC-9906	-	-	35.85
		18-Jan-18	AS01GC-6651	-	-	15.70
	4	18-Jan-18	AS-01DD-5271	-	-	30.20
		19-Jan-18	AS-01FC-7312	-	-	30.20
		19-Jan-18	AS01BC-0055	-	-	42.82
		19-Jan-18	AS01DC-6357	-	-	26.86
	4	19-Jan-18	AS01DD-9576	-	-	30.20
		20-Jan-18	AS01EC-0703	-	-	61.80
		20-Jan-18	AS-01EC-2197	-	-	61.17
		20-Jan-18	AS01FC-1677	-	-	21.30
	4	20-Jan-18	AS-01AC-2395	-	-	42.82
		21-Jan-18	AS01BC-7588	-	-	45.90
		21-Jan-18	AS01BC-7588	-	-	17.00
		21-Jan-18	AS01DC-9632	-	-	62.70
	5	21-Jan-18	AS01DC-9309	-	-	31.00
		22-Jan-18	AS01DC-9345	-	-	53.20
		22-Jan-18	AS01DC-9437	-	-	30.20
		22-Jan-18	AS01DC-9723	-	-	61.80
		22-Jan-18	AS01DC-9737	-	-	38.20
		22-Jan-18	AP-16TJ-0186	-	-	3.50

23-Jan-18		AS-01CC-4061	-	-	61.17
23-Jan-18		AS-01CC-4331	-	-	30.20
23-Jan-18	4	AS01CC-4911	-	-	47.53
23-Jan-18		AS01EC-2197	-	-	30.20
24-Jan-18		AS01GC-5244	-	-	30.20
24-Jan-18		AS01GC-9009	-	-	45.80
24-Jan-18	4	AS-01CC-7239	-	-	47.20
24-Jan-18		AS-01AC-0260	-	-	49.50
25-Jan-18		AS-01C-3151	-	-	23.40
25-Jan-18		AS-01C-9075	-	-	61.20
25-Jan-18	4	AS01CC-2590	-	-	47.53
25-Jan-18		AS-01EC-0657	-	-	47.53
26-Jan-18		NL01K-7665	-	-	30.20
26-Jan-18		NL02N-0433	-	-	29.80
26-Jan-18	4	AS-01BC-4537	-	-	42.82
26-Jan-18		AS01DD-1335	-	-	57.68
27-Jan-18		AS-01DD-2155	-	-	52.30
27-Jan-18		AS-01FC-9731	-	-	42.82
27-Jan-18	4	AS-01AC-6499	-	-	30.00
27-Jan-18		AS-01AC-7071	-	-	61.17
28-Jan-18		AS-01DC-9732	-	-	45.90
28-Jan-18		AS-01FC-5275	-	-	29.87
28-Jan-18	5	NL-01K-1761	-	-	47.53
28-Jan-18		AS-01DD-2058	-	-	19.50
29-Jan-18		TR01AB-1622	-	-	22.60
29-Jan-18		AS-01DD-7187	-	-	51.60
29-Jan-18	4	AS-01FC-7035	-	-	42.82
29-Jan-18		AP28TE-6224	-	-	30.00
30-Jan-18		AS-01DD-5712	-	-	61.17
30-Jan-18		AS-01EC-9417	-	-	45.90
30-Jan-18	4	AS01DC-0789	-	-	26.10
30-Jan-18		AS-01BC-0799	-	-	30.50
31-Jan-18		AS01CC-4259	-	-	30.10
31-Jan-18		AS-01CC-7239	-	-	20.40
31-Jan-18	4	AS-01C-9075	-	-	26.40
31-Jan-18		NL01K-7665	-	-	28.40

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-18	1-Feb-18	4	AS-01FC-6225	-	-	61.17
	1-Feb-18		AS-01DC-9732	-	-	40.70
	1-Feb-18		AS-01FC-5275	-	-	30.20
	1-Feb-18		NL-01K-1761	-	-	30.20
	2-Feb-18	4	AS-01DD-2058	-	-	30.20
	2-Feb-18		TR01AB-1622	-	-	62.70
	2-Feb-18		AS-01DD-7187	-	-	53.20
	2-Feb-18		AS-01FC-7035	-	-	13.50
3-Feb-18	3-Feb-18	4	AP28TE-6224	-	-	13.40
	3-Feb-18		AS-01DD-5712	-	-	22.60
	3-Feb-18		NL01D-3840			33.40
	3-Feb-18		AS-01EC-9417	-	-	33.40
	4-Feb-18	4	AS01DC-0789	-	-	45.20
	4-Feb-18		AS-01BC-0799	-	-	65.10
	4-Feb-18		AS01CC-4259	-	-	55.10
	4-Feb-18		AS-01CC-7239	-	-	51.86
5-Feb-18	5-Feb-18	5	AS-01C-9075	-	-	22.66
	5-Feb-18		NL01K-7665	-	-	15.70
	5-Feb-18		NL02N-0433	-	-	53.20
	5-Feb-18		AS-01AC-0911	-	-	61.60
	5-Feb-18		AS01CC-2590	-	-	47.53
	6-Feb-18	5	AS-01AC-8642	-	-	47.53
	6-Feb-18		AS01DD-2058	-	-	29.87
	6-Feb-18		AS-01DD-9886	-	-	23.40
	6-Feb-18		AS-01EC-4737	-	-	44.28
	6-Feb-18		AS-01BC-4537	-	-	61.17
7-Feb-18	7-Feb-18	4	AS-01FC-9731	-	-	61.12
	7-Feb-18		AS-01BC-2351	-	-	61.17
	7-Feb-18		AS01FC-9437	-	-	40.70
	7-Feb-18		AS01EC-7849	-	-	30.20
	8-Feb-18	4	AS-01GC-6392	-	-	30.20
	8-Feb-18		AS-01DD-3086	-	-	56.70
	8-Feb-18		NL-01Q-4612	-	-	51.06
	8-Feb-18		NL-01Q-8581	-	-	30.20
9-Feb-18	9-Feb-18	4	AS-01AC-6411	-	-	47.53
	9-Feb-18		AS01DC-7709	-	-	46.30
	9-Feb-18		AS01BC-1099	-	-	33.60
	9-Feb-18		AS01BC-2781	-	-	13.50
	10-Feb-18	4	NL-01L-0365	-	-	38.20
	10-Feb-18		PB-65X-7514	-	-	30.00
	10-Feb-18		AS0-1BC-6598	-	-	61.17
	10-Feb-18		AS-01AC-8113	-	-	57.68
11-Feb-18	11-Feb-18		AS-01DC-1525	-	-	49.50
	11-Feb-18		AS-01DD-5535	-	-	52.10
	11-Feb-18		AS-01EC-0659	-	-	57.68

Feb-18	11-Feb-18	5	AS-01FC-9906	-	-	11.06
	11-Feb-18		AS-01GC-5842	-	-	38.20
	12-Feb-18	4	AS01GC-6651	-	-	21.30
	12-Feb-18		AS-01FC-7312	-	-	47.53
	12-Feb-18		AP-16TG-0877	-	-	35.85
	12-Feb-18		AP16TH-7677	-	-	38.20
	13-Feb-18	4	AS01DC-6357	-	-	33.25
	13-Feb-18		AS-01EC-2197			57.61
	13-Feb-18		AS-01DC-9732			49.60
	13-Feb-18		AS-01AC-2395	-	-	49.50
	14-Feb-18	5	AS01BC-7588	-	-	54.80
	14-Feb-18		AS01DC-9345	-	-	47.53
	14-Feb-18		AS01DC-9437	-	-	55.82
	14-Feb-18		AP-16TJ-0186	-	-	15.60
	14-Feb-18		AS-01CC-4331	-	-	47.53
	15-Feb-18	4	AS01GC-5244	-	-	42.82
	15-Feb-18		NL01D-3840	-	-	23.40
	15-Feb-18		RJ18GA-2905	-	-	14.50
	15-Feb-18		AS-01DC-9732	-	-	47.53
	16-Feb-18	4	AS-01FC-5275	-	-	30.00
	16-Feb-18		AS-01AC-7071	-	-	24.60
	16-Feb-18		AS-01EC-0135	-	-	42.81
	16-Feb-18		AS-25B-4033	-	-	43.80
	17-Feb-18	4	AS-01DD-7187	-	-	30.20
	17-Feb-18		AS-01FC-7035	-	-	61.17
	17-Feb-18		AS-01DD-0747	-	-	61.17
	17-Feb-18		AS01DC-0789	-	-	42.82
	18-Feb-18	4	AS-01BC-0799	-	-	61.17
	18-Feb-18		AS-01AC-0260	-	-	49.50
	18-Feb-18		AS01CC-2590	-	-	52.10
	18-Feb-18		AS-01AC-0911	-	-	57.68
	19-Feb-18	5	AS-01GC-8485	-	-	11.06
	19-Feb-18		AS-01AC-8642	-	-	38.20
	19-Feb-18		AS-01DD-9886	-	-	21.30
	19-Feb-18		AS01AC-5159	-	-	47.53
	20-Feb-18	4	AS01BC-2351	-	-	35.85
	20-Feb-18		AS-01DD-2155	-	-	15.70
	20-Feb-18		AS01DD-1278			28.50
	20-Feb-18		AP28TE-6225			55.10
	20-Feb-18		AS-01AC-6499	-	-	30.20
	21-Feb-18	5	AS-01AC-6411	-	-	30.20
	21-Feb-18		AS01AC-9441	-	-	42.82
	21-Feb-18		AS01BC-1099	-	-	26.86
	21-Feb-18		AS01BC-2781	-	-	30.20
	22-Feb-18	5	PB-65X-7514	-	-	61.80
	22-Feb-18		AS01BC-6598	-	-	61.17
	22-Feb-18		AS-01DC-1525	-	-	21.30
	22-Feb-18		AS-01DD-5535	-	-	42.82
	22-Feb-18		AS-01EC-6272	-	-	45.90
	23-Feb-18		AS01GC-6651	-	-	17.00

23-Feb-18		AS-01EC-9286	-	-	62.70
23-Feb-18		AP16TH-7677	-	-	31.00
23-Feb-18	4	AS01DD-9576	-	-	53.20
24-Feb-18	4	AS-01AC-2395	-	-	30.20
24-Feb-18		AS01DC-9632	-	-	61.80
24-Feb-18		AS01DC-9345	-	-	38.20
24-Feb-18		AS01DC-9737	-	-	3.50
25-Feb-18	5	AS-01CC-4331	-	-	61.17
25-Feb-18		AS01GC-5244	-	-	52.10
25-Feb-18		AS-01EC-9476			61.20
25-Feb-18		NL01D-3840	-	-	26.30
25-Feb-18		AP-07TJ-0369	-	-	30.20
26-Feb-18	4	AS01DC-0789	-	-	47.53
26-Feb-18		AS01DD-1278	-	-	29.10
26-Feb-18		UP32DN-4494	-	-	30.20
26-Feb-18		AS-01EC-0135	-	-	30.20
27-Feb-18	5	AS-25B-4033	-	-	45.80
27-Feb-18		AS-01CC-1941	-	-	47.20
27-Feb-18		AS-01EC-9476	-	-	49.50
27-Feb-18		AS-01FC-6225	-	-	23.40
27-Feb-18		AS-01FC-7429	-	-	61.20
28-Feb-18	5	TR01AB-1622	-	-	47.53
28-Feb-18		AS-01DD-7187	-	-	47.53
28-Feb-18		AS-01FC-7429	-	-	30.20
28-Feb-18		AP28TE-6225	-	-	29.80
28-Feb-18		AS-01DD-5712	-	-	42.82

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-18	1-Mar-18	4	TR-01K-1728	-	-	62.70
	1-Mar-18		AS-01GC-8855	-	-	53.20
	1-Mar-18		TR01AB-1622	-	-	13.50
	1-Mar-18		AS01CC-8579	-	-	13.40
2-Mar-18	2-Mar-18	4	AS-01EC-9476	-	-	22.60
	2-Mar-18		AS-01FC-6225	-	-	33.40
	2-Mar-18		AS-01FC-7429	-	-	45.20
	2-Mar-18		AP28TE-6224	-	-	65.10
3-Mar-18	3-Mar-18	4	AS-01DD-0747	-	-	55.10
	3-Mar-18		AS-01EC-4737	-	-	51.86
	3-Mar-18		AS-01BC-4537	-	-	22.66
	3-Mar-18		AS-01FC-9731	-	-	15.70
4-Mar-18	4-Mar-18	4	AS-01BC-2351	-	-	53.20
	4-Mar-18		AS01FC-9437	-	-	61.60
	4-Mar-18		AS01EC-7849	-	-	47.53
	4-Mar-18		AS-01GC-6392	-	-	47.53
5-Mar-18	5-Mar-18	5	AS-01DD-3086	-	-	29.87
	5-Mar-18		NL-01Q-4612	-	-	23.40
	5-Mar-18		NL-01Q-8581	-	-	44.28
	5-Mar-18		AS-01AC-6411	-	-	61.17
	5-Mar-18		AS01DC-7709	-	-	61.12
6-Mar-18	6-Mar-18	5	AS01BC-1099	-	-	61.17
	6-Mar-18		AS01BC-2781	-	-	40.70
	6-Mar-18		NL-01L-0365	-	-	30.20
	6-Mar-18		PB-65X-7514	-	-	30.20
	6-Mar-18		AS01BC-6598	-	-	56.70
7-Mar-18	7-Mar-18	4	AS-01AC-8113	-	-	51.06
	7-Mar-18		AS-01DC-1525	-	-	30.20
	7-Mar-18		AS-01DD-5535	-	-	47.53
	7-Mar-18		AS-01EC-0659	-	-	46.30
8-Mar-18	8-Mar-18	4	AS-01FC-9906	-	-	33.60
	8-Mar-18		AS-01GC-5842	-	-	13.50
	8-Mar-18		AS01GC-6651	-	-	38.20
	8-Mar-18		AS-01FC-7312	-	-	30.00
9-Mar-18	9-Mar-18	4	AP-16TG-0877	-	-	61.17
	9-Mar-18		AP16TH-7677	-	-	57.68
	9-Mar-18		AS01DC-6357	-	-	49.50
	9-Mar-18		AS-01EC-2197	-	-	52.10
10-Mar-18	10-Mar-18	4	AS-01AC-2395	-	-	57.68
	10-Mar-18		AS01BC-7588	-	-	11.06
	10-Mar-18		AS01DC-9345	-	-	38.20
	10-Mar-18		AS01DC-9437	-	-	21.30

Mar-18	5	AP-16TJ-0186	-	-	47.53
		AS-01CC-4331	-	-	35.85
		AS01GC-5244	-	-	38.20
		NL01D-3840	-	-	33.25
		RJ18GA-2905	-	-	57.61
	4	AS-01DC-9732	-	-	61.80
		AS-01FC-5275	-	-	61.17
		AS-01AC-7071	-	-	21.30
		AS-01EC-0135	-	-	42.82
	4	AS-25B-4033	-	-	45.90
		AS-01DD-7187	-	-	17.00
		AS-01FC-7035	-	-	62.70
		AS-01DD-0747	-	-	31.00
	5	AS01DC-0789	-	-	53.20
		AS-01BC-0799	-	-	30.20
		AS-01AC-0260	-	-	61.80
		AS01CC-2590	-	-	38.20
		AS-01AC-0911	-	-	38.10
	4	AS-01GC-8485	-	-	61.17
		AS-01AC-8642	-	-	30.20
		AS-01DD-9886	-	-	47.53
		AS01AC-5159	-	-	30.20
	4	AS01BC-2351	-	-	30.20
		AS-01DD-2155	-	-	45.80
		AS-01AC-6499	-	-	47.20
		AS-01AC-6411	-	-	49.50
	4	AS01AC-9441	-	-	23.40
		AS01BC-1099	-	-	61.20
		AS01BC-2781	-	-	47.53
		PB-65X-7514	-	-	47.53
	4	AS01BC-6598	-	-	30.20
		AS-01DC-1525	-	-	29.80
		AS-01DD-5535	-	-	42.82
		AS-01EC-6272	-	-	57.68
	4	AS01GC-6651	-	-	52.30
		AS-01EC-9286	-	-	42.82
		AP16TH-7677	-	-	30.00
		AS01DD-9576	-	-	61.17
	4	AS-01AC-2395	-	-	45.90
		AS01DC-9632	-	-	29.87
		AS01DC-9345	-	-	47.53
		AS01DC-9737	-	-	19.50
	4	AS-01CC-4331	-	-	22.60
		AS01GC-5244	-	-	36.10
		NL01D-3840	-	-	34.40
		AP-07TJ-0369	-	-	38.70
	22-Mar-18	AS01DC-0789	-	-	42.40

22-Mar-18		AS01DD-1278	-	-	46.10
22-Mar-18		UP32DN-4494	-	-	45.10
22-Mar-18	5	AS-01EC-0135	-	-	46.80
22-Mar-18		AS-25B-4033	-	-	28.10
23-Mar-18		AS-01CC-1941	-	-	27.10
23-Mar-18		AS-01EC-9476	-	-	19.50
23-Mar-18	4	AS-01FC-6225	-	-	45.80
23-Mar-18		AS-01FC-7429	-	-	52.10
24-Mar-18		TR01AB-1622	-	-	53.90
24-Mar-18		AS-01DD-7187	-	-	59.10
24-Mar-18	4	AS-01FC-7429	-	-	28.10
24-Mar-18		AP28TE-6225	-	-	27.10
25-Mar-18		AS-01DD-5712	-	-	33.10
25-Mar-18		AS-01EC-8097	-	-	61.60
25-Mar-18	4	AS-25CC-3200	-	-	60.70
25-Mar-18		NL01N-4249	-	-	61.19
26-Mar-18		NL-01Q-4612	-	-	56.40
26-Mar-18		NL-01Q-8581	-	-	28.90
26-Mar-18	4	AS-01AC-6411	-	-	13.40
26-Mar-18		AS01DC-7709	-	-	22.60
27-Mar-18		AS01AC-9441	-	-	33.40
27-Mar-18		AS01BC-1099	-	-	45.20
27-Mar-18	5	AS01BC-2781	-	-	65.10
27-Mar-18		AS01DC-4326	-	-	55.10
27-Mar-18		AS-01GC-0155	-	-	51.86
28-Mar-18		NL-01L-0365	-	-	22.66
28-Mar-18		PB-65X-7514	-	-	15.70
28-Mar-18	5	AS01BC-6598	-	-	53.20
28-Mar-18		AS-01AC-8113	-	-	47.53
28-Mar-18		AS-01DC-1525	-	-	47.53
29-Mar-18		AS-01DD-5213	-	-	29.87
29-Mar-18		AS-01DD-5535	-	-	23.40
29-Mar-18	4	AS-01EC-0659	-	-	44.28
29-Mar-18		AS-01EC-6272	-	-	61.17
30-Mar-18		AS-01FC-9906	-	-	61.12
30-Mar-18		AS-01GC-5842	-	-	61.17
30-Mar-18	4	AS01GC-6651	-	-	40.70
30-Mar-18		AS01DC-9737	-	-	30.20
31-Mar-18		AS-01DD-5271	-	-	30.20
31-Mar-18		AS-01EC-9286	-	-	56.70
31-Mar-18	5	AS-01FC-7312	-	-	30.20
31-Mar-18		AP-16TG-0877	-	-	47.53
31-Mar-18		AP16TH-7677	-	-	47.53

Baishya, Mr. Bichitra Ch

Gender: Male  
Ethnicity: INDIAN (+)

ID: 0000098597

Height: 171 cm  
Weight: 56 kg  
BMI: 19.2

Narayana

Bafna

Superspeciality Hospital

FVL (ex/in)

Test Date: 12/27/2017 1:44:06 PM

Post Time:

Your FEV1 / Predicted: 76%

Unit of Narayana Health

Value Selection

Best Trial

BTPS (IN/EX)

112/1.02

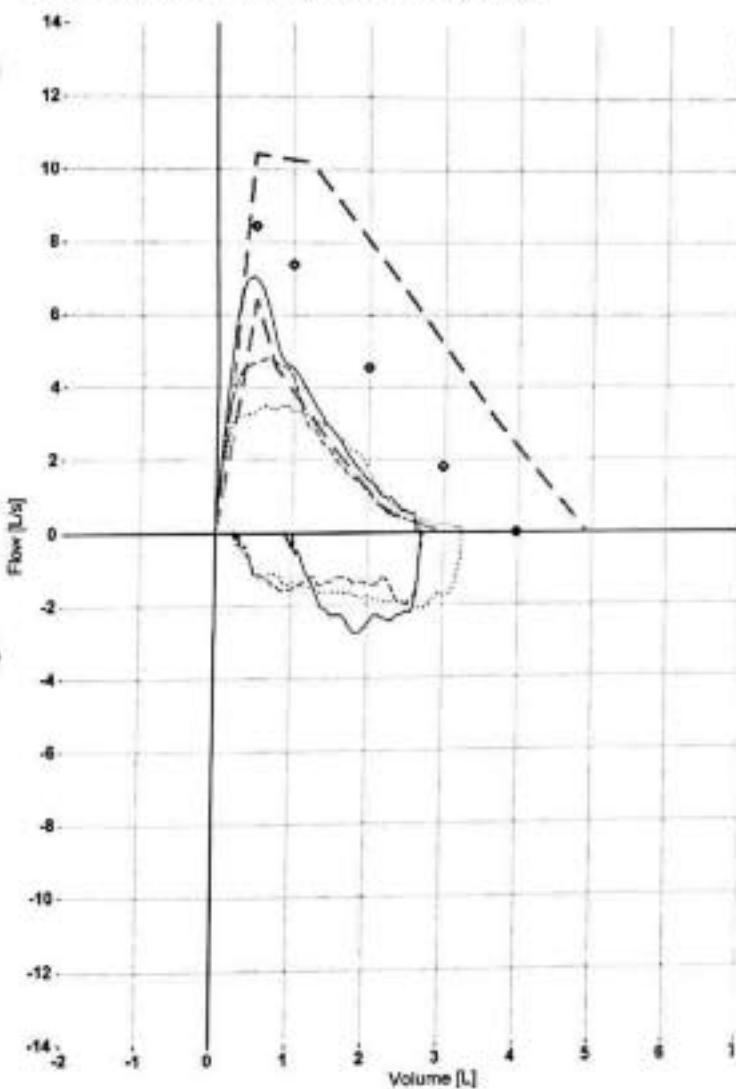
Society accepted by Shri Sudarshan Jan Bafna

Parameter	Best					
	Pred	LLN	Trial 1	Trial 2	Trial 3	%Pred
FVC [L]	3.97	3.02	2.69*	2.72*	3.25	68
FEV1 [L]	3.21	2.42	2.43	2.23*	2.35*	76
FEV1/FVC	0.760	0.662	0.902	0.821	0.723	116
FEF25-75% [L/s]	3.62	2.11	2.85	2.23	1.80*	74
PEF [L/s]	8.46	6.47	7.00	4.81*	3.55*	84
FET [s]	-	-	3.4	3.4	4.7	-
FIVC [L]	3.97	3.02	1.77*	2.49*	3.00*	45
PIF [L/s]	-	-	2.78	1.99	2.11	-

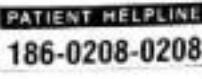
Session Quality: Pre C (FEV1 Var=0.20L (8.1%); FVC Var=0.03L (0.9%))

System Interpretation: Pre Normal Spirometry

\* Indicates value outside normal range or significant post change.



nhi Medizintechnik AG: Easy on-PC (2.2.034) (WH) / PC-Sensor (2.5.03) SH / 2016

PATIENT HELPLINE  
186-0208-0208Previously Narayana Hrudayalaya Pvt. Ltd. CIN No.: L85110KA2000PTC027497  
Narayana Hrudayalaya LimitedNear Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam  
186-0208-0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

# HOSPITAL

Baishya, Mr. Bichitra Ch

Gender:  
Ethnicity

Male  
INDIAN (+)

Height  
Weight

ID: 0000098597

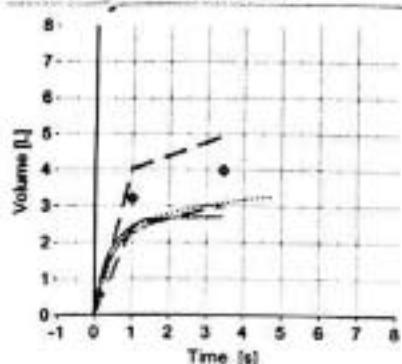
Age: 51

Narayana  
Superspeciality Hospital

Bafna

Unit of Narayana Health

Socially inspired by Shri Subhakar Jain Bafna



add MediTechnik AG Easy on-PC (Z 2.0.14) (w/o / PC-Sensor (2.0.0)) SN: 20000



PATIENT HELPLINE

186-0208-0208

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No.: LB5110KA2000PTC027497

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhihospitals.org, www.narayanahealth.org  
Bhartiarhali CHHRA - 948/A, Bharmacandra Industrial Area, Annakali Taluk, Bangalore 562158

Patient Name : CH BAISHYA BICHITRA  
 MRN : 17550000098597  
 Age/Sex : 51Y/M

Requested By :  
 Procedure Date : 27-12-2017  
 Hospital : NH-GUWAHATI

### CHEST RADIOGRAPH (PA VIEW)

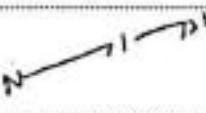
**CLINICAL DETAILS:** For executive health checkup.

**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.

* This is a digitally signed valid document		Signature	Date / Time
Digitally validated and reported by	Dr. Nagendra Kumar B.K., DMRD, DNB Associate Consultant Radiologist		27-12-2017 15:7:00
Transcribed by	Mr. Manjunath S	-	-

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

Page 1 of 1



PATIENT HELPLINE  
 186-0208-0208

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No : L85110KA2000PTC027

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031. Assam

186 0208 0208 (24/7 Helpline no.), Mob. +91 8811 003030, guwahati@nvhospitals.org, www.narayanahealth.co.in

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562

Deka, Mr. Dhanjit

Gender: Male  
Ethnicity: INDIAN (+)Height:  
Weight:

ID: 0000098598

171 cm  
53 kg  
BMI: 17.7

Age: 30



NH Narayana | Bafna

Superspeciality Hospital

## FVL (ex/in)

Test Date: 12/27/2017 1:54:52 PM

Interpretation:

Post Time:

Predicted:

Your FEV1 / Predicted: 71%

University Health Best Trial

BTPS (IN/EX) 1 12/1/02  
Society informed by Dr. Subhash Jain Bafna

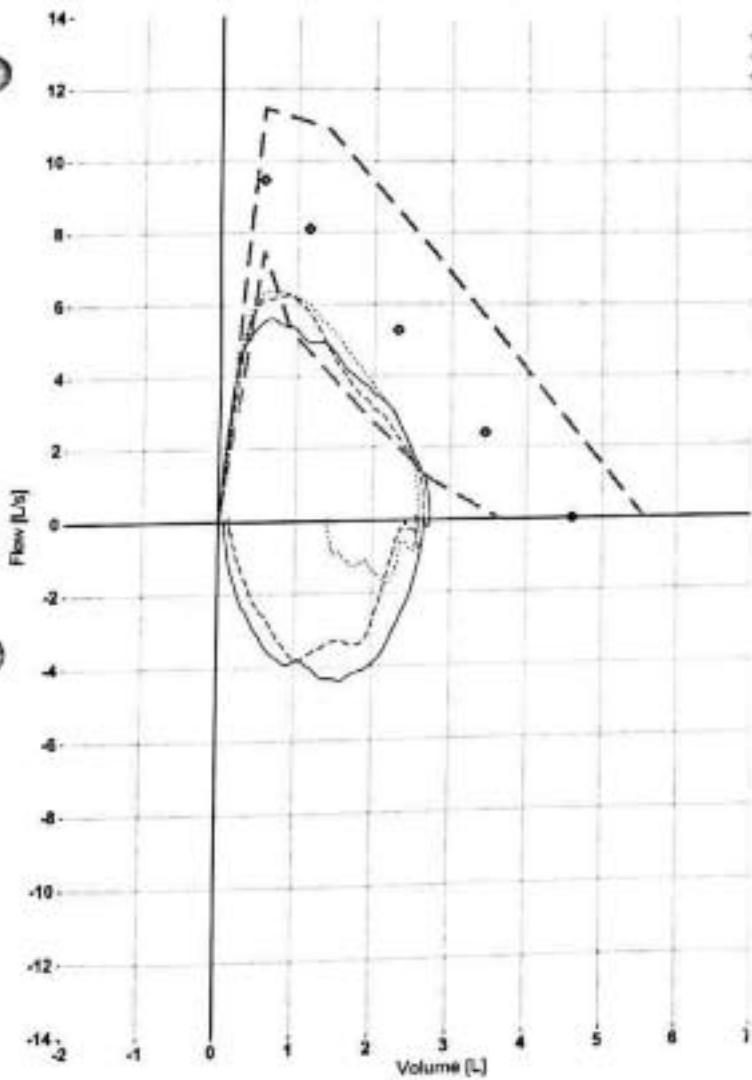
## Best

Parameter	Pred	LLN	Trial 5	Trial 2	Trial 3	%Pred
FVC [L]	4.60	3.65	2.74*	2.65*	2.50*	59
FEV1 [L]	3.67	3.08	2.74*	2.65*	2.50*	71
FEV1/FVC	0.818	0.700	1.000	1.000	1.000	122
FEF25-75% [L/s]	4.77	3.05	4.54	4.68	5.32	95
PEF [L/s]	9.48	7.49	5.63*	6.26*	6.38*	69
FET [s]	-	-	0.8	0.8	0.7	-
FIVC [L]	4.60	3.65	2.66*	2.51*	1.18*	58
PIF [L/s]	-	-	4.41	3.84	1.74	-

Session Quality: Pre A (FEV1 Var=0.08L (3.0%); FVC Var=0.08L (3.0%))

System Interpretation: Pre Restriction probable; further examination recommended

\* Indicates value outside normal range or significant post change.

PATIENT HELPLINE  
186-0208-0208

Add Medintechsoft AIO: Easy on PC (2.2.0.14) (x64) / PC Sensor (2.0.0.2)

NH Hospitals Limited  
Near Tolaram Bafna medical complex, Aminigaon, Guwahati 781031, Assam  
Previously Narayana Hrudayalaya Pvt. Ltd. CIN No. L85110KA2000PLC007497

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

# HOSPITAL

Deka, Mr. Dhanjit

Gender: Male  
Ethnicity: INDIAN (+)

ID: 0000098598

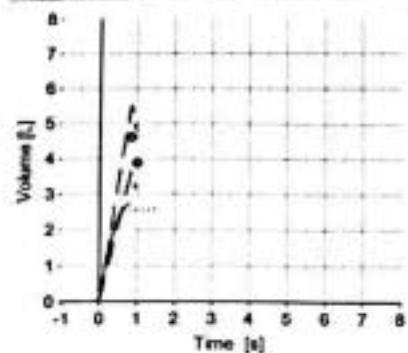
Height: 173 cm  
Weight: 53 kg  
BMI: 17.7

Age: 30

Narayana | Bafna  
Superspeciality Hospital

Unit of Narayana Health

Socially inspired by Shri Subhakar Jain Bafna



7\ 12/27/2017



NH Mednefits-H&A AG, Easy on PC (2.0.14.1.m) / PC Sensor (2.0.4.0.1)



PATIENT HELPLINE  
186-0208-0208

Previously Narayana Hrudayalaya Pvt. Ltd | CIN No.: U65110KA2000PTC0027407  
Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam  
186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158  
Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Patient Name : DEKA DHANJIT  
 MRN : 17550000098598  
 Age/Sex : 30Y/M

Requested By Unit of Narayana Health  
 Procedure Date : 27-12-2017 13:18  
 Hospital : NH-GUWAHATI

### CHEST RADIOGRAPH (PA VIEW)

**CLINICAL DETAILS:** For executive 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.

* This is a digitally signed valid document		Signature	Date / Time
Digitally validated and reported by	Dr. Pratibha Patil MD Consultant Radiologist		27-12-2017 15:00:00
Transcribed by	Ms. Raja Lakshmi	-	-

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

Page 1 of 1



**PATIENT HELPLINE**  
**186-0208-0208**

**Narayana Hrudayalaya Limited**

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No.: LB5110KA2006PTC027497

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Kakati, Mr. Mintu

Gender: Male  
Ethnicity: INDIAN (+)

ID: 0000098619

Age: 30

Height:  
Weight:178 cm  
60 kg  
BMI: 18.9

NH Narayana Superspeciality Hospital

Bafna

FVL (ex/in)

Test Date: 12/27/2017 1:40:46 PM  
Post Time:Interpretation:  
PredictedYour FEV1 / Predicted: 75%  
GOLD(2008)/Hardie  
ERS/ECCS \* 0.95

Unit of Measurement: Health Best Trial

BTPS (IN/EX) 1.12/1.02  
Society Approved by Shri Sudarshan Jain Bafna

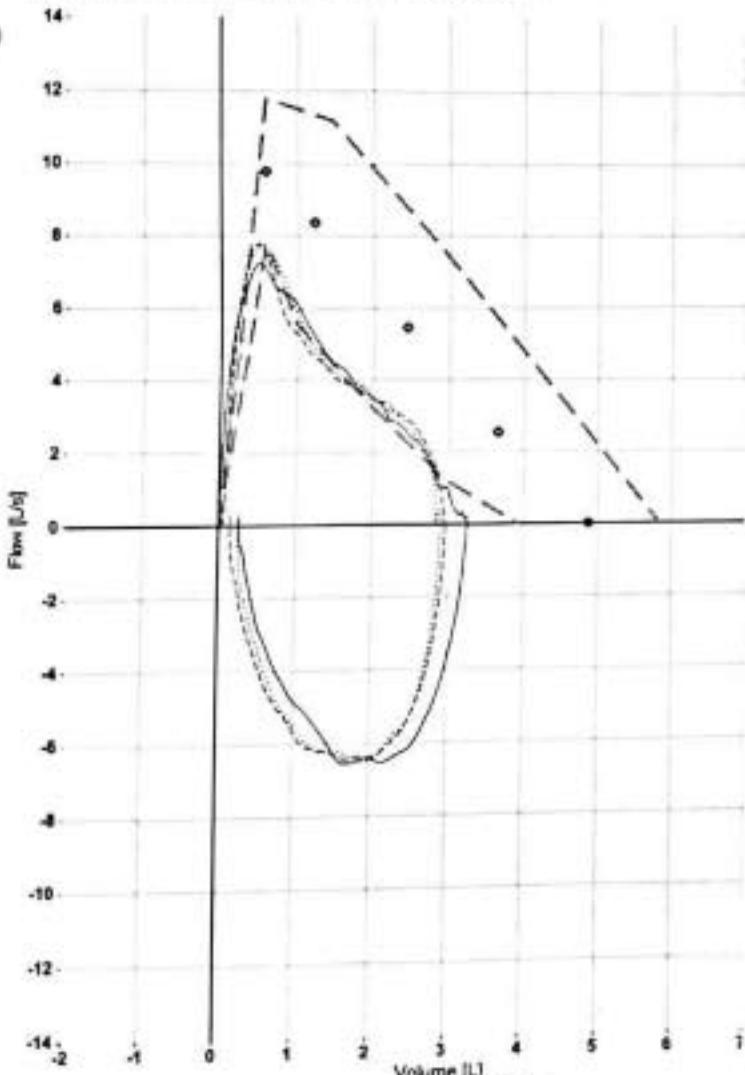
Parameter	Best					
	Pred	LLN	Trial 5	Trial 3	Trial 4	%Pred
FVC [L]	4.08	3.92	3.26*	2.97*	2.90*	67
FEV1 [L]	4.08	3.28	3.07*	2.97*	2.84*	75
FEV1/FVC	0.818	0.700	0.942	0.998	0.982	115
FEF25-75% [L/s]	4.06	3.15	3.99	4.10	4.31	82
PEF [L/s]	8.78	7.80	7.27*	7.80	7.70*	74
FET [s]	-	-	3.2	2.8	3.8	-
FIVC [L]	4.08	3.92	2.98*	2.81*	2.64*	61
PIF [L/s]	-	-	6.58	6.42	6.52	-

Session Quality: Pre D - Result not repeatable (FEV1 Var=0.10L (3.3%); FVC Var=0.29L (8.8%))

System Interpretation: Pre Restriction probable; further examination recommended

Caution: Poor session quality. Interpret with care.

\* Indicates value outside normal range or significant post change.



nd Mediotechnik AG - Easy on PC (2.0.0.14) (en) / PC-Sensor (2.0.0.0) SH-1000

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. L85110KA2000PTC027497

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nvhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158



PATIENT HELPLINE  
186-0208-0208

HOSPITAL

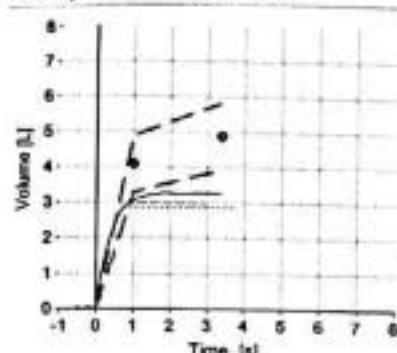
Kakati, Mr. Mintu

Gender: Male  
Ethnicity: INDIAN (+)

Height:  
Weight:

ID: 0000098619

Age: 30  
178 cm  
60 kg  
BMI: 18.9

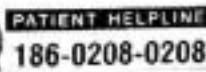


Age: 30

NH Narayana | Bafna  
Superspeciality Hospital

Unit of Narayana Health

Socially inspired by Shri Subhikshan Jain Bafna



Wid Medizintechnik AG: Easy em-PC (2.2.0.14) (en) / PC Sensor (2.0.0.0) SH 3.0

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No.: L8611OKA2000PTC027487

Near Tolaram Bafna medical complex, Armingan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Patient Name : KAKATI MINTU  
 MRN : 17550000098619  
 Age/Sex : 30Y/M

Requested By Unit of Narayana Health  
 Procedure Date : 27-12-2017 13:24 Jan Bafna  
 Hospital : NH-GUWAHATI

### CHEST RADIOGRAPH (PA VIEW)

**CLINICAL DETAILS:** For executive 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:**

- Unremarkable chest radiograph.

* This is a digitally signed valid document		Signature	Date / Time
Digitally validated and reported by	Dr. Vidhya T MBBS, DNB Consultant Radiologist		27-12-2017 15:27:00
Transcribed by	Mrs. Sujatha N	-	-

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Page 1 of 1



Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No.: U65110KA2000PTC027487

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186-0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nwhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Hussain, Mr. Mukbul

Gender: Male  
Ethnicity: INDIAN (+)Height:  
Weight:

ID: 002020098632

Age: 43

166 cm  
55 kg BMI: 20**NH** Narayana Superspeciality Hospital

Bafna

FVL (ex/in)

Test Date: 12/27/2017 11:08:28 AM

Interpretation:

Post Time:

Predicted:

GOLDI(2008)/Hartie  
ERS/ECCS \* 0.95

Unadjusted Predicted Health Best Trial

BTPS (IN/EX)  
Scalability Impacted by Skin Surface: Fair - Bafna

## Best

Parameter	Pred	LLN	Trial 3	Trial 4	Trial 5	%Pred
FVC [L]	3.90	2.94	2.59*	2.03*	1.69*	67
FEV1 [L]	3.23	2.43	2.50	1.86*	1.69*	77
FEV1/FVC	0.794	0.676	0.963	0.916	1.000	121
FEF25-75% [L/s]	4.07	2.36	3.02	2.17*	2.27*	74
PEF [L/s]	8.49	6.50	8.12	5.76*	6.24*	96
FET [s]	-	-	1.7	2.1	0.9	-
FIVC [L]	3.90	2.94	2.61*	2.72*	2.55*	67
PIF [L/s]	-	-	6.05	6.08	6.62	-

Session Quality:

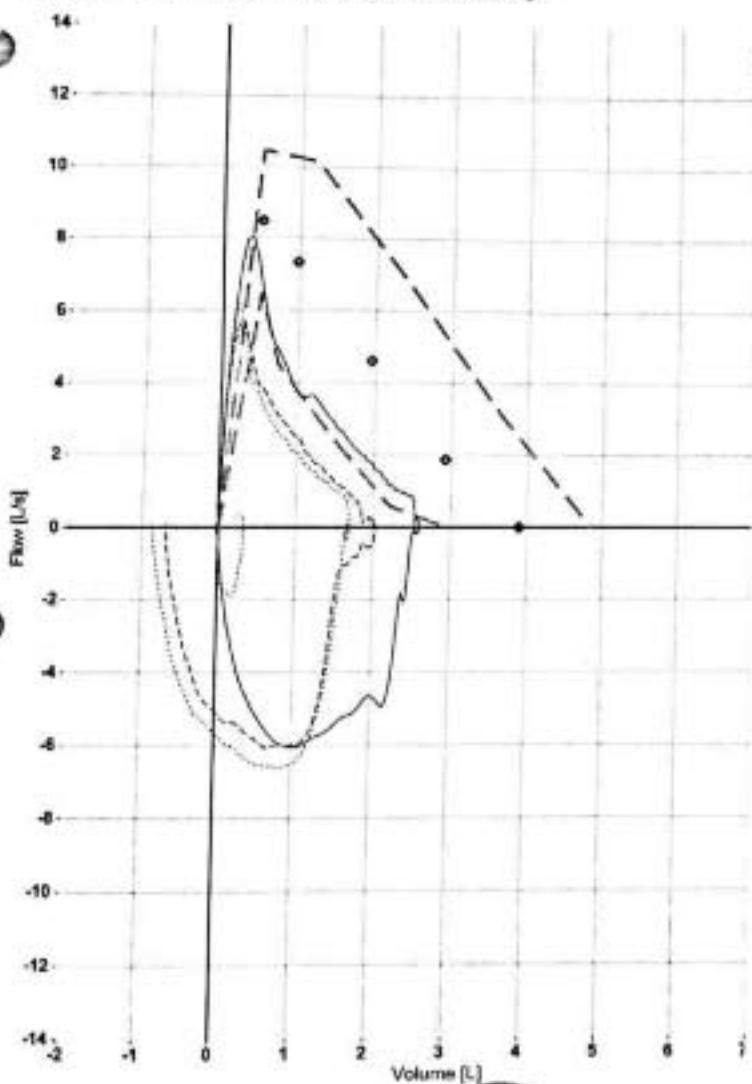
Pre D - Result not repeatable (FEV1 Var=0.64L (25.5%); FVC Var=0.56L (21.6%))

System Interpretation:

Pre Normal Spirometry

Caution: Poor session quality. Interpret with care.

\* Indicates value outside normal range or significant post change.

PATIENT HELPLINE  
186-0208-0208

Add Mediscriptech AG: Easy on PC (2.7.0.14) rev0 / PC Sensor (2.0.0.0) SN 20170101



Narayana Health Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No: L58110KA2000PTC027497

Near Toliaram Bafna medical complex, Amingoan, Guwahati 781031 Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

HOSPITAL

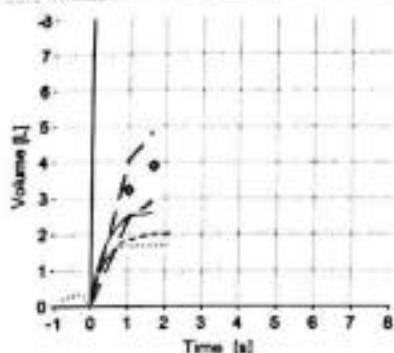
Hussain, Mr. Mukbul

Gender Male  
Ethnicity INDIAN (+)

Height  
Weight

ID: 002020098632

166 cm  
55 kg      BMI 20



7.12/27/2017



NH Narayana  
Superspeciality Hospital

## Bafna

---

Unit of Narayana Health

Socially inspired by Shri Subhakaran Jain Bafna



8811-88-8888



PATIENT HELPLINE  
186-0208-0208

1000 Medizinische AG, Bonn, BE 13.3.0.141 (ml) / BE-Siegel 12.9.00 - 14

MATTHEW THOMAS & SONS Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. L85110KA2000PTC027497

Near Tolaram Bafna medical complex, Aminigaon, Guwahati 781031, Assam

Neel Patel - Barts Medical complex, Amritsar, Gurdaspur, 143001 | +91 98811 003030 | [ctwahala@bartsmedical.com](mailto:ctwahala@bartsmedical.com) | [www.bartsmedical.com](http://www.bartsmedical.com)

Regd. Office: 25/2A, Panchayat Road, Indiranagar, Bangalore - 562158  
Phone No.: 91-80-22000000; fax: 91-80-22000000; guwahati@mmhospitals.org; www.narayanahealth.org

Registered Office: 200m, Bommasandra Industrial Area, Anekal Taluk, Bangalore - 562102  
Corporate Office: 251/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore - 562102

Patient Name : HUSSAIN MUKBUL  
 MRN : 17550000098632  
 Age Sex : 43Y/M

Requested By :  
Specially inspired by Sri Gurukar Jan Bafna  
 Procedure Date : 27-12-2017 10:03  
 Hospital : NH-GUWAHATI

### CHEST RADIOGRAPH (PA VIEW)

Clinical Details: For executive 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.

Conclusion:

Normal chest radiograph.

A digitally signed valid document		Signature	Date / Time
Digitally validated and signed by	Dr. Pratibha Patil MD Consultant Radiologist		28-12-2017 12:43:00
Digitally signed by	Ms. Raja Lakshmi		

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8811-88-8888



PATIENT HELPLINE  
**186-0208-0208**

Page 1 of 1

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No: L85110KA2000PTC027467

Near Tolaram Bafna medical complex, Amingaon, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Rahman, Mr. Chafiyar

Gend: Male  
Ethnicity: INDIAN (+)Height:  
Weight:

ID: 0000098631

157 cm  
50 kg BMI 20.3

Age: 40

**Narayana**  
Superspeciality Hospital

Bafna

## FVL (ex/in)

Test Date: 12/27/2017 11:30:44 AM

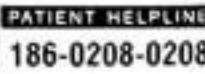
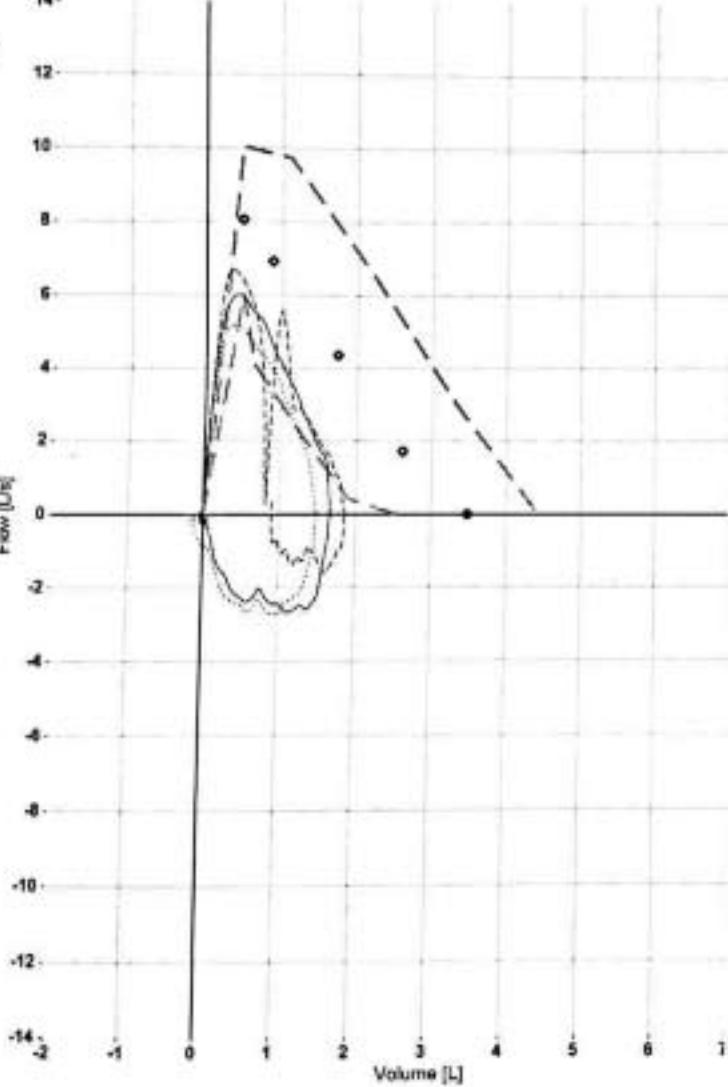
Interpretation:  
PredictedGOLD(2008)/Hardie  
ERS/ECCS \* 0.95Unadjusted Predicted Best Trial  
BTPS (IN/EX) 1.12/1.02  
Scallop interpretation by Dr. Subrata Kumar Bafna

Parameter	Best					
	Pred	LLN	Trial 5	Trial 2	Trial 6	%Pred
PVC [L]	3.48	2.53	1.67*	1.87*	1.49*	48
FEV1 [L]	2.94	2.15	1.67*	1.88*	1.49*	57
FEV1/FVC	0.800	0.682	1.000	0.998	0.998	125
FEF25-75% [L/s]	4.03	2.31	4.46	3.20	4.08	111
PEF [L/s]	8.07	6.08	6.04*	6.72	6.22*	75
FET [s]	-	-	0.8	2.0	1.5	-
FIVC [L]	3.48	2.53	1.71*	0.96*	1.66*	49
PIF [L/s]	-	-	2.70	1.60	2.74	-

Session Quality: Pre C (FEV1 Var=0.19L (10.2%); FVC Var=0.19L (10.4%))

System Interpretation: Pre Restriction probable: further examination recommended

\* Indicates value outside normal range or significant post change.



PATIENT HELPLINE

186-0208-0208

**HOSPITAL**

Rahman, Mr. Chafiyar

Gender: Male  
Ethnicity: INDIAN (+)Height:  
Weight:

ID: 0000098631

157 cm  
50 kg

BMI: 20.3

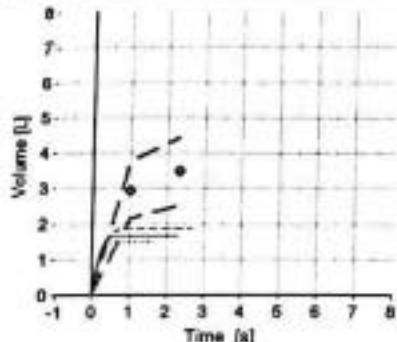
Age: 40

**NH** Narayana  
Superspeciality Hospital

Bafna

Unit of Narayana Health

Socially Inspired by Shri Subhakaran Jain Bafna



7 12/27/2017



add Mediamedica AG Easy on PC (2.2.0.14) (cert) / PC-Sensor (2.0.0.0) SH-2.0.0.0

PATIENT HELPLINE  
186-0208-0208

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No.: LB5110KA2000PTC027497

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Patient Name : RAHMAN CHAFIYAR  
 MRN : 17550000098631  
 Age Sex : 40Y/M

Requested By : Socially inspired by Shri Subhakaran Jain Bafna  
 Procedure Date : 27-12-2017 10:13  
 Hospital : NH-GUWAHATI

### CHEST RADIOGRAPH (PA VIEW)

**Clinical Details:** For executive 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.

**Conclusion:**

Unremarkable chest radiograph.

A digitally signed valid document		Signature	Date / Time
I validate and sign by	Dr. Pratibha Patil MD Consultant Radiologist		28-12-2017 12:00
Scripted by	Mr. Kiran N	-	-

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PATIENT HELPLINE  
186-0208-0208

Page 1 of 1 Narayana Hrudayalaya Limited

Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. L85110KA2000PTC0027497

Near Tolaram Bafna medical complex, Armingan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Ali, Mr. Nur Bahar

Gender: Male  
Ethnicity: INDIAN (+)Height:  
Weight:

ID: 0000098630

154 cm  
40 kg BMI: 16.9

Age: 21

NH Narayana  
Superspeciality Hospital

Bafna

## FVL (ex/in)

Test Date: 12/27/2017 11:21:58 AM  
Post Time:

Your FEV1 / Predicted: 71%

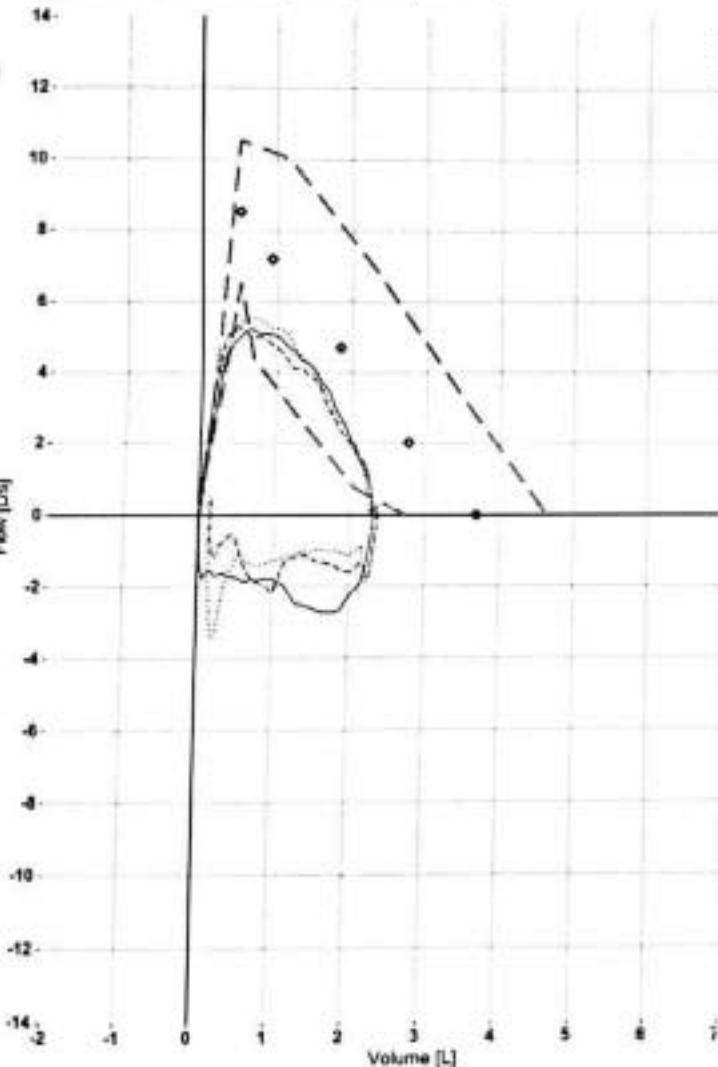
Interpretation:  
PredictedGOLD(2006)/Hardie  
ERS/ECCS \* 0.95Unit of Narayana Health  
Value Selection Best Trial  
BTPS (N/Ex) 112/1.02  
Socially inspired by Shri Sudhir Datt Jain Bafna

Parameter	Best					
	Pred	LLN	Trial 7	Trial 5	Trial 6	%Pred
FVC [L]	3.69	2.73	2.31*	2.37*	2.38*	63
FEV1 [L]	3.24	2.44	2.30*	2.32*	2.27*	71
FEV1/FVC	0.867	0.709	0.896	0.979	0.902	120
PEF25-75% [L/s]	4.61	2.90	4.47	4.05	4.41	97
PEF [L/s]	6.63	6.54	5.24*	5.29*	5.54*	61
FET [s]	-	-	1.2	1.3	1.6	-
FVC [L]	3.69	2.73	2.27*	2.21*	2.21*	62
PIF [L/s]	-	-	2.75	2.18	3.51	-

Session Quality: Pre C (FEV1 Var=0.02L (0.8%); FVC Var=0.06L (2.4%))

System Interpretation: Pre Restriction probable; further examination recommended

\* Indicates value outside normal range or significant post change.



**HOSPITAL**

Ali, Mr. Nur Bahar

Gender: Male  
Ethnicity: INDIAN (+)Height: 154 cm  
Weight: 40 kg  
BMI: 16.9

ID: 0000098630

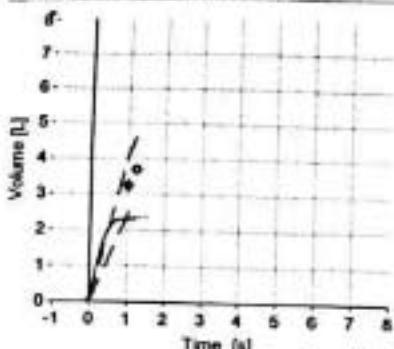
Age: 21

**NH Narayana Bafna**

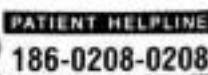
Superspeciality Hospital

Unit of Narayana Health

Socially Inspired by Shri Subhikshan Jain Bafna



7\12\27/2017



Add Medizintechnik AG, Easy on PC (3.2.014) (en) / PC Senior (2.0.0.0) SN-1000

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. LB1110KA2000PTC027487

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nkhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Patient Name : BAHAR ALI NUR  
 MRN : 17550000098630  
 Age Sex : 21Y/M

Requested By :  
Socially inspired by Shri Subhakaran Jain Bafna  
 Procedure Date : 27-12-2017 10:12  
 Hospital : NH-GUWAHATI

Unit of Narayana Health

### CHEST RADIOGRAPH (PA VIEW)

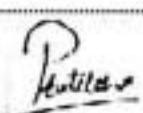
**Clinical Details:** For executive health checkup.

**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.

A digitally signed valid document		Signature	Date / Time
Validated and signed by	Dr. Pratibha Patil MD Consultant Radiologist		28-12-2017 12:41:00
Scripted by	Ms. Raja Lakshmi		

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8811-88-8888

PATIENT HELPLINE

186-0208-0208

Page 1 of 1  
Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No: L85110KA2000PTC027487

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Hamja, Mr. Amir

Gender: Male  
Ethnicity: INDIAN (+)Height:  
Weight:ID: 0000098634  
Age: 47  
169 cm  
50 kg  
BMI: 17.5NH Narayana  
Superspeciality Hospital

Bafna

## FVL (ex/in)

Test Date: 12/27/2017 11:04:02 AM

Your FEV1 / Predicted: 64%

Post Time:

Interpretation:

GOLD(2008)/Hardie

Predicted:

ERS/ECCS \* 0.95

Unit of Measurement: Best Trial  
BTPS (IN/EX) 3.12/1.02  
Socially inspired by Sri Subhakarji Jan Bafna

## Best

Parameter	Pred	LLN	Trial 4	Trial 3	Trial 5	%Pred
FVC [L]	3.96	3.01	2.07*	1.73*	1.42*	52
FEV1 [L]	3.24	2.45	2.06*	1.73*	1.38*	84
FEV1/FVC	0.787	0.669	0.995	0.998	0.971	126
FEF25-75% [L/s]	3.96	2.25	4.56	5.88	4.65	115
PEF [L/s]	8.50	6.51	6.53	7.07	5.41*	77
PELT [s]	-	-	1.4	1.2	2.4	-
FVC [L]	3.96	3.01	2.09*	1.41*	0.26*	53
PIF [L/s]	-	-	3.59	4.15	0.43	-

Session Quality: Pre

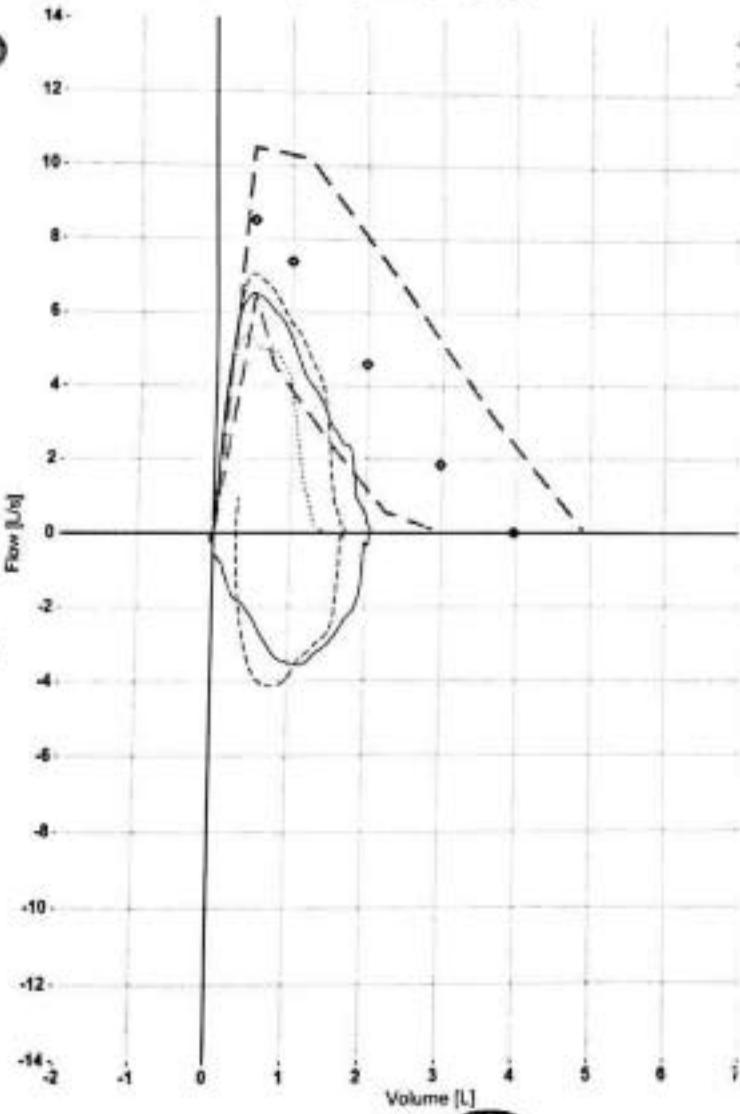
D - Result not repeatable (FEV1 Var=0.33L (16.2%); FVC Var=0.34L (16.4%))

System Interpretation: Pre

Restriction probable; further examination recommended

Caution: Poor session quality. Interpret with care.

\* Indicates value outside normal range or significant post change.

PATIENT HELLINE  
186-0208-0208

Medizintechnik AG Easy-on-PC (2.2.0.14) (en) / PC-Sensor (2.0.0.0) (de)

Narayana Hrudayalaya Limited  
(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. L85110KA2000PTC027467

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@ninhospitals.org, www.narayanahealth.org

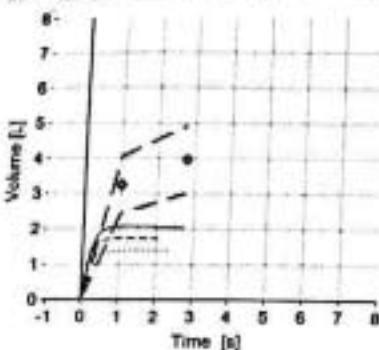
Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Hamja, Mr. Amir

Gender  
EthnicityMale  
INDIAN (+)Height  
Weight

ID: 0000098634

169 cm  
50 kg  
BMI 17.5

7/12/2017

Age: 47  
**Narayana**  
Superspeciality Hospital**Bafna**

Unit of Narayana Health

Socially inspired by Shri Subhakar Jan Baitha


**PATIENT HELPLINE**  
**186-0208-0208**

nhd Medizintechnik AG, Easyair PC (2.2.0.14) (en) / PC Session (2.0.0.0) SN\_20100



Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No.: L85110KA2006PTC027487

Near Tolaram Bafna medical complex, Aminoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Patient Name : HAMJA AMIR  
Mobile : 17550000098634  
Age Sex : 47Y/M

Requested By :  
Socality inspired by Shri Subhakar Jain Bafna  
Procedure Date : 27-12-2017 10:06  
Hospital : NH-GUWAHATI

### CHEST RADIOGRAPH (PA VIEW)

Clinical Details: For executive 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.
- The diaphragmatic domes appear normal.

#### IMPRESSION:

A normal chest radiograph.

A digitally signed valid document		Signature	Date / Time
Digitally validated and printed by	Dr. Pratibha Patil MD Consultant Radiologist		28-12-2017 12:43:00
Scripted by	Ms. Raja Lakshmi	-	-

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8811-88-8888

PATIENT HELPLINE  
186-0208-0208



Page 1 of 1

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. LAS110KA2000PTC027497

Near Tolaram Bafna medical complex, Amingaon, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 009030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Islam, Mr. Jaidul

Gender

Male  
INDIAN (+)Height  
Weight

ID: 0000098629

175 cm  
51 kg  
BMI 16.7

Age: 22

NH

Narayana Superspeciality Hospital

Bafna

Unit of Narayana Health Best Trial

Value Selection  
BTPS (IN/EX) 1.12/1.02  
Socially Inspired by Sri Sri Gurudev Janm Bapu

FVL (ex/in)

Test Date

12/27/2017 11:27:18 AM

Your FEV1 / Predicted: 77%

Post Time

Interpretation  
PredictedGOLD(2008)/Hurdle  
ERS/ECCS \* 0.95

Islam, Mr. Jaidul

Gender: Male  
Ethnicity: INDIAN (+)Height:  
Weight:

ID: 0000098629

175 cm  
51 kg  
BMI: 16.7

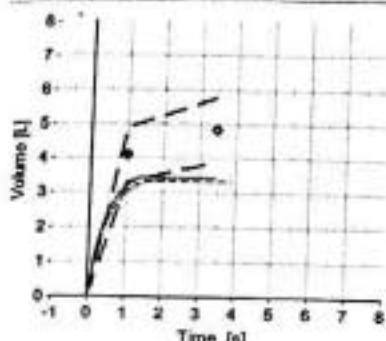
Age: 22

**NH** Narayana  
Superspeciality Hospital

Bafna

Unit of Narayana Health

Socially inspired by Shri Subhakar Jain Bafna



6 12/27/2017



Medizintechnik AG Easy on PC (2.2014) (en) / PC Sensor (2.008) SH 2014

PATIENT HELPLINE  
**186-0208-0208**

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No : L85110KA2000PTC027497

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhihospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Unit of Narayana Health

Patient Name : ISLAM JAIDUL  
MRN : 17550000098629  
Age/Sex : 22Y/M

Requested By :  
Socality Inspired by Shri Sukumar Jain Batra  
Procedure Date : 27-12-2017 10:10  
Hospital : NH-GUWAHATI

### CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For executive 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.

<i>a digitally signed valid document</i>		Signature	Date / Time
I am validated and signed by	Dr. Pratibha Patil MD Consultant Radiologist		28-12-2017 12:42:00
I am certified by	Ms. Raja Lakshmi	-	-

This report has been generated from **NH Radiology 24/7**, a service of Narayana Hrudayalaya Hospital.

**8811-88-8888**  


**PATIENT HELPLINE**  
**186-0208-0208**

Page 1 of 1  
**Narayana Hrudayalaya Limited**

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. L6510KA2000PTC027487

Near Tolaram Bafna medical complex, Amingaon, Guwahati 781031, Assam

186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Islam, Mr. Shohinur

Gender

Male

Ethnic

INDIAN (+)

Height

ID: 0000098625

160 cm

Weight

45 kg

BMI 17.6

FVL (ex/in)

Test Date

12/27/2017 11:12:49 AM

Interpretation

GOLD(2008)/Hurdle

Age: 22



NH Narayana | Bafna

Superspeciality Hospital

Your FEV1 / Predicted: 78%

Unit of Narayana Health Best Trial

BTPS (IN/EX) 1.12/1.02  
Society Approved by Shri Sudhakar Jain Bafna

Post Time

ERS/ECCS \* 0.95

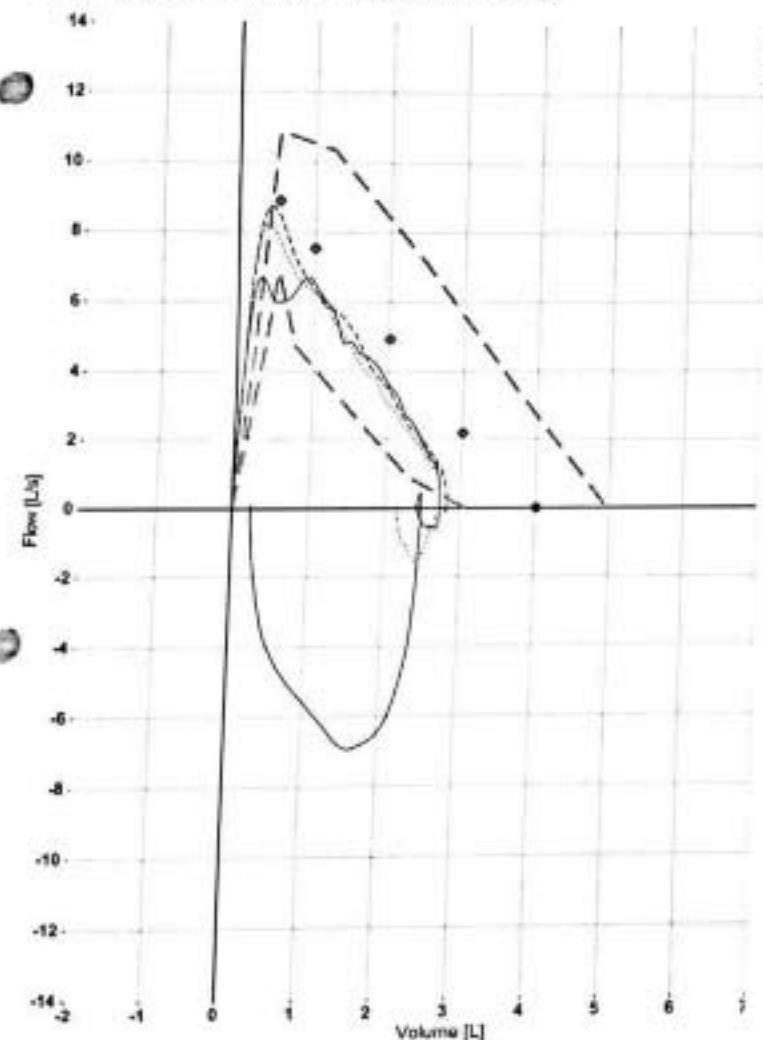
## Best

Parameter	Pred	LLN	Trial 2	Trial 4	Trial 5	%Pred
FVC [L]	4.01	3.06	2.73*	2.83*	2.73*	68
FEV1 [L]	3.48	2.68	2.73	2.83	2.73	78
FEV1/FVC	0.827	0.709	1.000	1.000	1.000	121
FEF25-75% [L/s]	4.73	3.02	5.03	4.89	4.70	106
PEF [L/s]	8.90	6.91	6.75*	8.78	8.28	78
FET [s]	-	-	0.8	0.9	0.8	-
FIVC [L]	4.01	3.06	2.48*	0.38*	0.58*	82
PIF [L/s]	-	-	6.96	0.51	1.57	-

Session Quality Pre A (FEV1 Var=0.09L (3.3%); FVC Var=0.09L (3.3%))

System Interpretation Pre Normal Spirometry

\* Indicates value outside normal range or significant post change

PATIENT HELPLINE  
186-0208-0208

MediMedia AG, Baden PC (2.2.0.14) (en) / PC Session (2.0.0.0) SV - Help

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. LS5110KA2000PTC0297497

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186-0208-0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158



**HOSPITAL**

Islam, Mr. Shohinur

Gender: Male  
Ethnicity: INDIAN (+)Height: 160 cm  
Weight: 45 kg  
BMI: 17.6

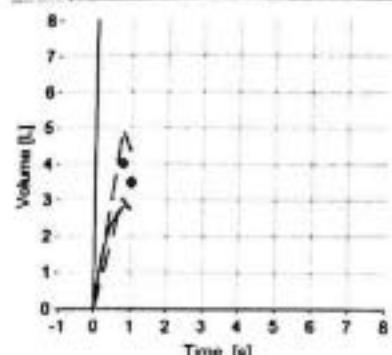
ID: 0000098625

Age: 22

**Narayana**  
Superspeciality Hospital**Bafna**

Unit of Narayana Health

Socially inspired by Sri Sri Ravi Shankar



7/12/2017


**PATIENT HELPLINE**  
**186-0208-0208**

NH Medcheck@4 AG | Run on PC (2.2.0.14) | an / PC Sensor (2.0.0.0) | NV - 1.0.0.0

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. L85110KA2000PTC027487

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

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Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Patient Name : ISLAM SHOHINUR  
 MRN : 17550000098625  
 Age/Sex : 22Y/M

Requested By : Faculty inspired by Shri Subhakaran Jain-Batra  
 Procedure Date : 27-12-2017 10:08  
 Hospital : NH-GUWAHATI

### CHEST RADIOGRAPH (PA VIEW)

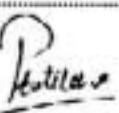
Clinical Details: For executive health checkup.

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.

a digitally signed valid document		Signature	Date / Time
Digitally validated and signed by	Dr. Pratibha Patil MD Consultant Radiologist		28-12-2017 12:42:00
Approved by	Ms. Raja Lakshmi	-	-

It has been generated from **NH Radiology 24/7**, a service of Narayana Hrudayalaya Hospital

8811-88-8888

**PATIENT HELPLINE**

186-0208-0208

Page 1 of 1

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No.: U5110KA2000P1C027487

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Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

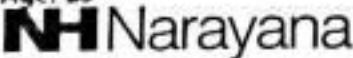
Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Islam, Mr. Habizul

Gender: Male  
Ethnicity: INDIAN (+)Height:  
Weight:

ID: 0000098623

Age: 30



Bafna

FVL (ex/in)

Test Date: 12/27/2017 11:17:28 AM  
Post Time:Interpretation:  
Predicted:

Your FEV1 / Predicted: 95%

Univ. Narayana Health Best Trial

BTPS (IN/EX) 1.12/1.02  
Socilly inspired by Shri Subikshan Jain Bafna

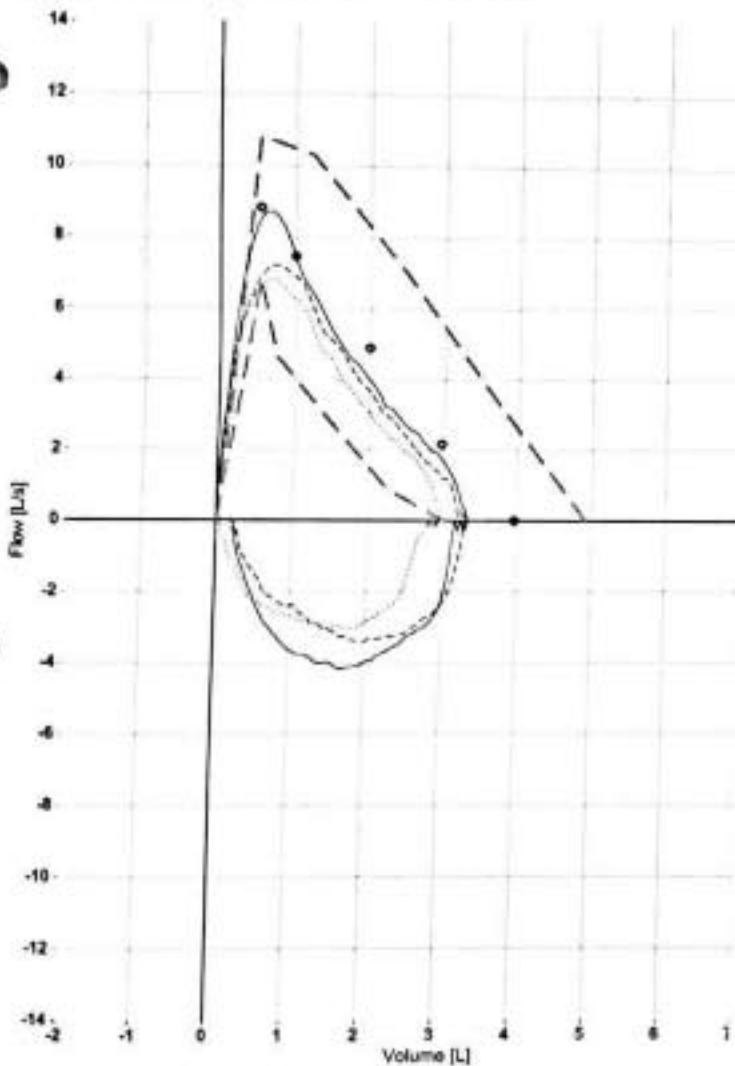
Best:

Parameter	Pred	LLN	Trial 4	Trial 5	Trial 8	%Pred
FVC [L]	3.98	3.01	3.33	3.33	2.95*	84
FEV1 [L]	3.44	2.64	3.27	3.18	2.94	95
FEV1/FVC	0.827	0.709	0.981	0.950	0.996	119
PEF 25-75% [L/s]	4.71	3.00	4.50	4.15	4.17	96
PEF [L/s]	8.84	6.85	8.76	7.25	6.86	99
FET [s]	-	-	1.4	2.1	1.1	-
FIVC [L]	3.98	3.01	3.09	3.08	2.89*	78
PIF [L/s]	-	-	4.19	3.43	3.08	-

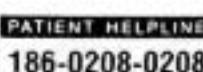
Session Quality: Pre: B (FEV1 Var=0.10L (3.2%); FVC Var=0.00L (0.1%))

System Interpretation: Pre: Normal Spirometry

\* Indicates value outside normal range or significant post change.



add Meßtechnik AG: Easy an PC (2.2.0.14) (en) / PC Sensor (2.0.0.0) SN



Narayana Hrudayalaya Limited

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186 0208 0208 (24/7 Helpline no.), Mob: +91 8811 000303, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

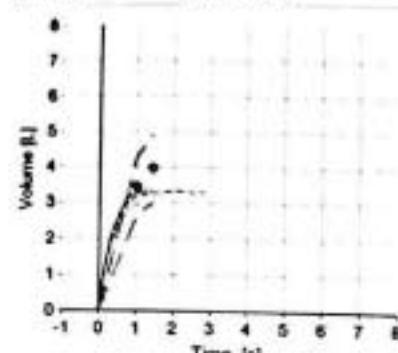
Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

**HOSPITAL**

Islam, Mr. Habizul

Gender: Male  
Ethnicity: INDIAN (+)Height:  
Weight:

ID: 0000098623

159 cm  
47 kg  
BMI: 18.6

Age: 29

**Narayana**  
Superspeciality Hospital**Bafna**

Unit of Narayana Health

Socially inspired by John Gutfreund, Jan Bafna

7/12/2017



med Medizintechnik AG: Easyox PC (2.2.0.14) (en) / PC Sensor (2.0.0.8) SN 1.1.1.1


**PATIENT HELPLINE**  
**186-0208-0208**

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No. LS0110KA2000PTC027487

Near Tolaram Bafna medical complex, Amingoan, Guwahati 781031, Assam

186-0208-0208 (24/7 Helpline no.), Mob: +91 8811 003030, guwahati@nhhospitals.org, www.narayanahealth.org

Registered Office: 256/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 261/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Patient Name : ISLAM HABIZUL  
 MRN : 17550000098623  
 Age/Sex : 19Y/M

Requested By  
 Procedure Date : 27-12-2017 10:04  
 Hospital : NH-GUWAHATI

**CHEST RADIOGRAPH (PA VIEW)**

**Clinical Details:** For executive 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.

A digitally signed valid document		Signature	Date / Time
Digitally validated and signed by	Dr. Pratibha Patil MD Consultant Radiologist		28-12-2017 12:43:00
Digitally signed by	Ms. Raja Lakshmi	-	-

It has been generated from NH 24/7 Radiology 24/7, a service of Narayana Hrudayalaya Hospital

8811-88-8888



PATIENT HELPLINE  
186-0208-0208

Page No.

Narayana Hrudayalaya Limited

(Previously Narayana Hrudayalaya Pvt. Ltd.) CIN No: L85110KA2000PTC027497

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Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158

Corporate Office: 251/A, 2nd Floor, Bommasandra Industrial Area, Anekal Taluk, Bangalore 562158



**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](http://www.nabl-india.org))

Signed for and on behalf of NABL

N. Venkateswaran  
Program Director



8907597010003C000583

Anil Relia  
Chief Executive Officer