

HIL/ EHS/2023 -24/ 05

21.06.2023

To

**The Regional Officer,**  
Integrated Regional Office (IRO), Vijayawada,  
Minister of Environment, Forest and climate change,  
Green House, Gopala Reddy Road,  
Vijayawada - 520010  
Andhra Pradesh.  
Phone: 0866-2419787, 0866-24197 88.

Respected Sir,

**Sub:** Submission of EC- 2<sup>nd</sup> Half yearly compliance Report for the year 2022-23  
**Ref:** No.I111t7/194/2014-tA I (t) dated 20.10.2015

As per the conditions stipulated in the Environment Clearance (EC) letter, 2<sup>nd</sup> half yearly condition wise compliance report has been attached for period of 2022-23.

This is for you kind information.  
Please acknowledge the receipt.

Thanking You  
Yours faithfully

For HIL Limited

  
N.Lakshmi Kanth  
Unit Head.



Copy To

**The Environmental Engineer**  
A.P Pollution Control Board  
Regional office, Vijayawada  
Plot No:41- Sri Kanakadurga Office/s Colony  
Gurunanak Road  
VIJAYAWADA-8.

## HALF YEARLY COMPLIANCE REPORT

Environmental Clearance Letter/s No. and Date: - **No. J-11011/194/2014-IA II (I)** dated **20.10.2015**  
 Name of the Project: - **HIL Limited, Kondapalli - Manufacturing of Asbestos Cement Roofing Sheets**  
 Period of Compliance Report: - **October 2022 to March 2023.**

### **Specific Conditions**

S.no.	Conditions	Compliance status
i.	The project proponent should install 24*7 air monitoring devices to monitor air emission and submit report to Ministry and its Regional Office	We have identified all dust generation sources and connected the sources to dust collection system. The dust collection system connected to outlet stacks of specified height. In every month air quality monitoring being conducted by Sri Druga Envirocare, (An NABL Accredited Laboratory) Vijayawada. Monthly reports are being submitted to Regional office with the half yearly return.  This year we have planned to install continuous ambient air quality monitoring system and it will come to in function. <b>Annexure – 1 &amp; 2</b>
ii.	The proponent shall comply with the Hon'ble Supreme Court Direction (year 1995) regarding occupational health and safety measures in asbestos industries	Following all BIS standards as shown below <ul style="list-style-type: none"> <li>• Method for determination of airborne asbestos fiber concentration in work environment, IS-11450,</li> <li>• Safety and health requirements relating to occupational exposure to asbestos IS-11451,</li> <li>• Safe use of products containing asbestos part-1, asbestos cement products IS-11769</li> <li>• Control of emission of asbestos dust in premises manufacturing products containing asbestos, Part-I asbestos cement products IS-11770,</li> <li>• Personal protection of workers engaged in handling asbestos, IS 12078,</li> <li>• Pictorial warning signs and precautionary notices for asbestos and products containing asbestos, Part-2 &amp; 3, asbestos and its products IS 12081.</li> </ul>
iii.	Emission norms for asbestos fiber should be regularly monitored and kept <0.2 fiber/cc	Complied. Stack Emission monitoring are conducted monthly by Sri Druga Envirocare, (An NABL Accredited Laboratory) Vijayawada, and the fiber dust is maintained less than 0.2 fibre/cc. <b>Annexure – 1 &amp; 2</b>
iv.	Work place asbestos fibre should be regularly monitored and kept <0.1 fibre/cc.	Complying. We have been taken required all steps in monitoring and keeping the workplace asbestos fiber dust level less than 0.1 fiber/cc as per prescribed by MoEF. <b>Annexure – 1</b>



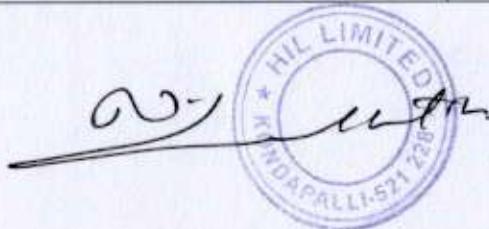
S.no.	Conditions	Compliance status
v	Total particulate matter emission should be regularly monitored and kept <2mg/Nm <sup>3</sup> in stack.	Complying. Particulate matter emission from stack attached to BOD monitoring has been done and maintained less than prescribed limit 2mg/Nm <sup>3</sup> by frequent maintenance of the dust collectors. <b>Annexure – 1</b>
vi	Ambient air quality monitoring should be done specifically for asbestos fiber.	Complying the conditions by maintain well below 0.1fibre/cc. Usually every year we are checking asbestos fibre level in ambient air with Regional Labour Institute, Chennai, but during the year 2021 we couldn't do since covid19 pandemic situation. We planned for this year 2023 and requisition letter has been sent to Regional Labour Institute, Chennai.
vii	Medical Examination should be carried out by specially designed medical respiratory questionnaire and the report should be submitted along with the 6 monthly compliance report.	Pre-employment, periodical medical and post session medical examinations are conducted regularly and records are maintained.
viii	Spirometry test should be conducted every 6 months and x-ray shared be done once in year and report submitted	Six months once we are conducting spirometry test and once in a year X-ray is taken and monitoring all employee's health condition. Few sample reports has been attached. <b>Annexure – 3</b>
ix	The proponent shall prepare a detailed ESC plan for every next 5 years for the proposed project ,which includes village-wise, sector-wise (health Education ,Sanitation, Skill Development and Infrastructure requirements such as strengthening of village roads ,avenue plantation etc.) activities in consultation with the local communities and administration .The ESC plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards ESC activities for life of the project. A separated budget shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO, Bhopal. The details of the ESC Plans shall also be upload on the company website and shall also be provided in the Annual Report of the Company.	"HIL has been continuously committed to the cause of ESC in the nearby villages during the last 5 years by spending about Rs.1 cr. Some of the projects done include school infra development, RO plant provision, community hall development, toilets construction as part of Swatch Bharat Abhiyan, etc.  During Fy21-22, , we have given the CSR funding to the Kondapalli Municipality donated TATA Ace Gold Vehicle for collection of Door to Door waste under clean Andhra Pradesh Program (CLAP)- Project cost 6.7 Lakhs  In the Year 2023 HIL sponsored 7.10 lakhs towards the Infra development of SC/ST/BC hostels to the NTR District Collector in the presence of Environment engineer <b>Annexure – 4</b>
x	All waste generated in the process should be used within the plant.	The process effluent is continuously recycled in the process. The capacity of the tanks are sufficient. All the domestic wastewater shall be treated in septic tank followed by soak pit and used for green belt development. This year we have planned for 20 KLD STP plant.



S.no.	Conditions	Compliance status
xi	The project Proponent should develop in-house facility to monitor asbestos fiber	Complying, workplace airborne dust level monitoring is done daily by personal air check sampler, samples are sent to our centralized lab at Hyderabad for testing and getting result. <b>Annexure – 5</b>
xii	Green belt shall be developed in 33% of plant area. Selection of plant species be as per the CPCB guidelines in consultation with the DFO.	Green belt developed total 33% of plant area complying as per CPCB guidelines.
xiii	Provision shall be made for the housing of 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.	Not Applicable.
<b>B.GENERAL CONDITIONS:</b>		
i.	The project authorities must strictly adhere to the stipulations made by the Andhra Pradesh pollution Control Board and the State government	We are following the conditions of Andhra Pradesh Pollution Control Board and the State government.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and climate change (MoEFCC).	Condition is being followed.
iii.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM <sub>10</sub> , PM25, SO <sub>2</sub> , and NO <sub>x</sub> are anticipated in consultation with SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional office at Chennai and the SPCB/CPCB once in six months.	Complied. Ambient air quality and stack emission are regularly monitored by Sri Druga Envirocare, (An NABL Accredited Laboratory), Vijayawada, and the test reports are submitted with half yearly compliance report to Integrated Regional Office (IRO), Vijayawada and Andhra Pradesh Pollution Control Board. <b>Annexure – 6</b>
iv.	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> may, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	No waste water is discharged out. All the process waste water is recycled and utilized 100% completely into the process.
v.	The overall Noise levels in and around the plant area shall be kept well within the standards (85dB A) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time ) and 70 dBA (night time ).	Complying with the stipulated conditions. <b>Annexure – 7</b>

A circular blue stamp with a handwritten signature overlaid. The stamp contains the text "LIMITED \* 822 LTD" around the perimeter and "KONDAPALLI" at the bottom. The handwritten signature is written in black ink across the center of the stamp.

S.no.	Conditions	Compliance status
vi.	Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complying and all medical surveillance records are maintained as per the Factories Act. <b>Annexure – 8</b>
vii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Company has developed 4 rain water harvesting pits inside the plant premises and maintaining in good conditions.
viii.	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 programs, educational programs, drinking water supply and health care etc.	100 % complying.
ix.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEFCC) 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 of Chennai. The funds so provided shall not be diverted for any other purpose.	Compiled. As declared we have earmarked the funds of Rs.50 Lakhs towards capital cost and Actual spent was about Rs.90 Lakhs and also spending the expenditure of Rs.15-20 Lakhs towards recurring cost/ annum for effective implementation of environment pollution control measures as per the conditions stipulated by the MoEFCC.
x.	A copy of clearance letter shall be sent by the proponent to concerned panchayat, Zillaparishad / Municipal Corporation, Urban local Body and the local NGO, if theany, from whom suggestions /representations, if any , were received while processing the proposal. The clearance letter shall also be put on website of the company by the proponent.	Complied.
xi.	The project proponent shall upload the status of compliance of the stipulated environmental 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 MoEFCC at Chennai. The respective Zonal Office of the CPCB and SPCB. The criteria pollutant levels namely; PM <sub>10</sub> ,PM <sub>25</sub> , SO <sub>2</sub> , and NO <sub>x</sub> ( ambient levels as well as stack emissions) or critical sect oral parameters, I indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied.



S.no.	Conditions	Compliance status
xii.	The project proponent shall also submit the 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 MoEFCC, the respective Zonal office of CPCB and SPCB. The Regional Office of the Ministry of Chennai/CPCB/SPCB shall monitor the stipulated conditions.	Complied. Last half yearly report was submitted on 29.12.2022 <b>Annexure – 9</b>
xiii	The environment statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned SPCB 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 MoEFCC at Chennai by e-mail.	Complied. Form-V was submitted on 27.09.2022 for the financial year 2021-22 to Integrated Regional office of MoEFCC Vijayawada and APPCB, Vijayawada. <b>Annexure – 10</b>
xiv.	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, Forests and Climate Change (MoEFCC) 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 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 Chennai.	Complied.
xv.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and the final approval of the project by the concerned authorities and the date of commencing the land development work.	Complied.

A handwritten signature is placed over a circular blue ink stamp. The stamp contains the text "CHIL LIMITED" around the top edge and "KONTHAPALLI 521 20" around the bottom edge. In the center of the stamp, there is a handwritten date "14/01/2024".



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2022  
URL No.TC100772022000000019

Date: 21-10-2022

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Sample Particulars : Stack attached to BOD Section Line-1  
Date of Monitoring : 17-10-2022

1. Stack Diameter (m) : 0.30  
2. Stack cross sectional area (sq m) : 0.07065  
3. Flue gas temperature : 65°C  
4. Exit Velocity of flue gases (m/sec) : 9.86  
5. Flow rate (Nm<sup>3</sup>/hr) : 2211.01

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.14	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre /cc)	: 0.02	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2022  
URL No.TC100772022000000019

Date: 21-10-2022

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : Stack attached to BOD Section Line-2  
Date of Monitoring : 17-10-2022

1. Stack Diameter (m ) : 0.4  
2. Stack cross sectional area (sq m) : 0.1256  
3. Flue gas temperature : 63°C  
4. Exit Velocity of flue gases (m/sec) : 8.15  
5. Flow rate (Nm<sup>3</sup>/hr) : 3268.33

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.27	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre / cc)	: 0.05	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2022  
URL No.TC100772022000000026

Date: 20-11-2022

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Sample Particulars : Stack attached to BOD Section Line-1  
Date of Monitoring : 15-11-2022

1. Stack Diameter (m) : 0.30  
2. Stack cross sectional area (sq m) : 0.07065  
3. Flue gas temperature : 66°C  
4. Exit Velocity of flue gases (m/sec) : 10.18  
5. Flow rate (Nm<sup>3</sup>/hr) : 2276.03

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.25	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre /cc)	: 0.06	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

*Kt. Manohar*  
K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2022  
URL No.TC100772022000000026

Date: 20-11-2022

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : Stack attached to BOD Section Line-2  
Date of Monitoring : 15-11-2022

1. Stack Diameter (m) : 0.4  
2. Stack cross sectional area (sq m) : 0.1256  
3. Flue gas temperature : 62°C  
4. Exit Velocity of flue gases (m/sec) : 9.18  
5. Flow rate (Nm<sup>3</sup>/hr) : 3692.37

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.18	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre / cc)	: 0.04	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2022  
URL No.TC100772022000000040

Date: 24-12-2022

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry	:	M/s. <b>HIL LIMITED</b>
Address	:	Plot No.289, IDA Kondapalli, Krishna dist-521228, A.P.

Sample Particulars	:	Stack attached to BOD Section Line-1
Date of Monitoring	:	20-12-2022
1. Stack Diameter (m)	:	0.30
2. Stack cross sectional area (sq m)	:	0.07065
3. Flue gas temperature	:	64°C
4. Exit Velocity of flue gases (m/sec)	:	9.85
5. Flow rate (Nm <sup>3</sup> /hr)	:	2215.32

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	:	1.2
2. Asbestos Fibre (Fibre /cc)	:	0.08

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**

Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2022  
URL No.TC100772022000000040

Date: 24-12-2022

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : Stack attached to BOD Section Line-2  
Date of Monitoring : 20-12-2022  
  
1. Stack Diameter (m) : 0.4  
2. Stack cross sectional area (sq m) : 0.1256  
3. Flue gas temperature : 61°C  
4. Exit Velocity of flue gases (m/sec) : 8.84  
5. Flow rate (Nm<sup>3</sup>/hr) : 3566.26

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	1.14	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre / cc)	0.06	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**



Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.



Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2023  
URL No.TC100772022000000062

Date: 23-01-2023

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Sample Particulars : Stack attached to BOD Section Line-1  
Date of Monitoring : 17-01-2023  
  
1. Stack Diameter (m) : 0.30  
2. Stack cross sectional area (sq m) : 0.07065  
3. Flue gas temperature : 65°C  
4. Exit Velocity of flue gases (m/sec) : 10.16  
5. Flow rate (Nm<sup>3</sup>/hr) : 2278.28

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.4	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre /cc)	: 0.07	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**



Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.



Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2023  
URL No.TC100772022000000062

Date: 23-01-2023

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : Stack attached to BOD Section Line-2  
Date of Monitoring : 17-01-2023  
1. Stack Diameter (m ) : 0.4  
2. Stack cross sectional area (sq m) : 0.1256  
3. Flue gas temperature : 63°C  
4. Exit Velocity of flue gases (m/sec) : 9.2  
5. Flow rate (Nm<sup>3</sup>/hr) : 3689.41

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.45	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre / cc)	: 0.09	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2023  
URL No.TC100772022000000080

Date: 22-02-2023

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Sample Particulars : Stack attached to BOD Section Line-1  
Date of Monitoring : 17-02-2023  
  
1. Stack Diameter (m) : 0.30  
2. Stack cross sectional area (sq m) : 0.07065  
3. Flue gas temperature : 63°C  
4. Exit Velocity of flue gases (m/sec) : 9.83  
5. Flow rate (Nm<sup>3</sup>/hr) : 2217.4

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.25	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre /cc)	: 0.06	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**

Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2023  
URL No.TC100772022000000080

Date: 22-02-2023

## TEST REPORT

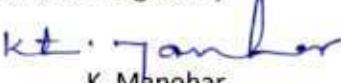
### STACK MONITORING DATA

Name of the Industry	:	M/s. <b>HIL LIMITED</b>
Address	:	Plot No.289, IDA Kondapalli, Krishna dist-521228,A.P.
Sample Particulars	:	Stack attached to BOD Section Line-2
Date of Monitoring	:	17-02-2023
1. Stack Diameter (m )	:	0.4
2. Stack cross sectional area (sq m)	:	0.1256
3. Flue gas temperature	:	62°C
4. Exit Velocity of flue gases (m/sec)	:	9.51
5. Flow rate (Nm <sup>3</sup> /hr)	:	3825.11
S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	:	1.38
2. Asbestos Fibre (Fibre / cc)	:	0.07

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

  
K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2023  
URL No.TC100772022000000084

Date: 11-03-2023

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Sample Particulars : Stack attached to BOD Section Line-1  
Date of Monitoring : 06-03-2023

1. Stack Diameter (m) : 0.30  
2. Stack cross sectional area (sq m) : 0.07065  
3. Flue gas temperature : 64°C  
4. Exit Velocity of flue gases (m/sec) : 10.15  
5. Flow rate (Nm<sup>3</sup>/hr) : 2282.79

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.3	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre /cc)	: 0.08	0.2 Fibre /cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/SM/2023  
URL No.TC100772022000000084

Date: 11-03-2023

## TEST REPORT

### STACK MONITORING DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : Stack attached to BOD Section Line-2  
Date of Monitoring : 06-03-2023

1. Stack Diameter (m ) : 0.4  
2. Stack cross sectional area (sq m) : 0.1256  
3. Flue gas temperature : 64°C  
4. Exit Velocity of flue gases (m/sec): 9.22  
5. Flow rate (Nm<sup>3</sup>/hr) : 3686.45

S.No	Emission Data (mg/Nm <sup>3</sup> )	Limits
1. Suspended Particulate Matter (mg/Nm <sup>3</sup> )	: 1.4	2.0 mg/Nm <sup>3</sup>
2. Asbestos Fibre (Fibre / cc)	: 0.1	0.2 Fibre / cc

Note : All the values are within the limits prescribed by APPCB



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address

201 | Kakatiya Homes:  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact

7092021868 | 9704126787  
[sdenvirocare@gmail.com](mailto:sdenvirocare@gmail.com)

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF OCTOBER 2022

PART 1 - FROM 01.10.2022 TO 16.10.2022						
S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL
				LPM	FLOW RATE LPM	DURATION IN MINUTES
1	K-1	K-1--Fibre Godown / Line 1	01.10.2022	<0.1 ( 0.03 )	G	STATIC
2	K-2	K-2--Fibre Godown / Line 2	03.10.2022	<0.1 ( 0.01 )	G	STATIC
3	K-3	K-3--Automatic Bag Opening Machine / Line 1	04.10.2022	<0.1 ( 0.02 )	G	STATIC
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	06.10.2022	<0.1 ( 0.02 )		STATIC
5	K-4	K-4--Automatic Bag Opening Machine / Line 2	07.10.2022	<0.1 ( 0.01 )	G	PERSONAL
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	08.10.2022	<0.1 ( 0.03 )	G	STATIC
7	K-5	K-5--Stock Area	09.10.2022	<0.1 ( 0.01 )	G	STATIC
8	K-6	K-6--Sheet Reclamation Area	10.10.2022	<0.1 ( 0.04 )	G	STATIC
9	K-7	K-7--Filling of moulded goods	11.10.2022	<0.1 ( 0.03 )	G	*
10	K-8	K-8--Pulveriser Area	12.10.2022	<0.1 ( 0.02 )	G	STATIC
11	K-9	K-9--Ball Mill Area	13.10.2022	<0.1 ( 0.02 )	G	STATIC
12	K-10	K-10--Factory Premises near Main Gate (East)	14.10.2022	<0.1 ( 0.03 )	G	PERSONAL
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	15.10.2022	<0.1 ( 0.01 )	G	STATIC
14	K-12	K-12--Sheets Loading Area	16.10.2022	<0.1 ( 0.03 )	G	STATIC

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF OCTOBER 2022

PART 2 - FROM 15.10.2022 TO 28.10.2022

S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	17.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running (Fortune Sheets)	.....
2	K-2	K-2--Fibre Godown / Line 2	18.10.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3	K-3--Automatic Bag Opening Machine / Line 1	19.10.2022	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running (Fortune Sheets)	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	20.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running (Fortune Sheets)	.....
5	K-4	K-4--Automatic Bag Opening Machine / Line 2	21.10.2022	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	22.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	23.10.2022	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
8	K-6	K-6--Sheet Reclamation Area	24.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Sampale collected while grading of sheets going on - Yes	.....
9	K-7	K-7--Filling of moulded goods	25.10.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	26.10.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	27.10.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
12	K-10	K-10--Factory Premises near Main Gate (East)	28.10.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	29.10.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	30.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. C. Gunasekaran

Samples Counted by Mr. P. Krishna Kishore

Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF NOVEMBER 2022

PART 1 - FROM 01.11.2022 TO 16.11.2022

S. NO	CODE	LOCATION	DATE	DUST CONC. F/C/C OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	01.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
2	K-2	K-2--Fibre Godown / Line 2	02.11.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	03.11.2022	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line	05.11.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.11.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	07.11.2022	< 0.1 ( 0.01 )	G	PERSONAL	1.0	60	Sample collected while grading of sheets going on.	.....
8	K-6	K-6--Sheet Reclamation Area	08.11.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
9	K-7	K-7--Filing of moulded goods	09.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	10.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	11.11.2022	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
12	K-10	K-10--Factory Premises near Main Gate (East)	12.11.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	13.11.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	14.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

  
Dr. S.P. Vivek Chandra Rao

Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF NOVEMBER 2022

PART 2 - FROM 15.11.2022 TO 28.11.2022										
S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
2	K-2	K-2--Fibre Godown / Line 2	16.11.2022	<0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	17.11.2022	<0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	18.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line	19.11.2022	<0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	20.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	21.11.2022	<0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
8	K-6	K-6--Sheet Reclamation Area	22.11.2022	<0.1 ( 0.03 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on - Yes	.....
9	K-7	K-7--Filing of moulded goods	23.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	24.11.2022	<0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	25.11.2022	<0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
12	K-10	K-10--Factory Premises near Main Gate (East)	26.11.2022	<0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	27.11.2022	<0.1 ( 0.01 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	28.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

  
Dr. S. P. Vivek Chandra Rao

Vice President Occupational Health

## HIL LIMITED

**RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF DECEMBER 2022**

<b>PART 1 - FROM 01.12.2022 TO 16.12.2022</b>										
S. NO	S. CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown /Line 1	01.12.2022	< 0.1 ( 0.01 )	G	STATIC	1.0	60	L 1 - Shutdown	
2	K-2	K-2--Fibre Godown /Line 2	02.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	
3	K-3	K-3--Automatic Bag Opening Machine /Line 1	03.12.2022	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	
5	K-4	K-4--Automatic Bag Opening Machine / Line 2	05.12.2022	< 0.1 ( 0.01 )	G	PERSONAL	1.0	60	Plant was running	
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	
7	K-5	K-5--Stock Area	07.12.2022	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Sample collected while grading of sheets going on.	
8	K-6	K-6--Sheet Reclamation Area	08.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	
9	K-7	K-7--Filing of moulded goods	09.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	
10	K-8	K-8--Pulveriser Area	10.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	
11	K-9	K-9--Ball Mill Area	11.12.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	
12	K-10	K-10--Factory Premises near Main Gate (East)	12.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	13.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	
14	K-12	K-12--Sheets Loading Area	14.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

  
Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF DECEMBER 2022

PART 2 - FROM 15.12.2022 TO 28.12.2022										
S. NO	CODE	LOCATION	DATE	DUST CONC. FICC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
2	K-2	K-2--Fibre Godown / Line 2	16.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3-Automatic Bag Opening Machine / Line 1	17.12.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
4	K-3A	K-3A-Automatic Bag Opening Machine / Line 1	18.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
5	K-4 2	K-4-Automatic Bag Opening Machine / Line 2	19.12.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
6	K-4A	K-4A-Automatic Bag Opening Machine / Line 2	20.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	21.12.2022	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	.....
8	K-6	K-6-Sheet Reclamation Area	22.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
9	K-7	K-7--Filing of moulded goods	23.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	24.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
11	K-9	K-9-Ball Mill Area	26.12.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
12	K-10	K-10--Factory Premises near Main Gate (East)	27.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	28.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12---Sheets Loading Area	29.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	<i>Scrub</i>

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

*Scrub*  
Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

**RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF JANUARY 2023**

PART 1 - FROM 01.01.2023 TO 16.01.2023										
S. NO	CODE	LOCATION	DATE	DUST CONC. FICCC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	01.01.2023	< 0.1 ( 0.01 )	G	STATIC	1.0	60	L 1 - Shutdown	-----
2	K-2	K-2--Fibre Godown / Line 2	02.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
3	K-3 1	K-3-Automatic Bag Opening Machine / Line 1	03.01.2023	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	-----
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
5	K-4 2	K-4--Automatic Bag Opening Machine / Line 2	05.01.2023	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	-----
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	07.01.2023	< 0.1 ( 0.01 )	G	PERSONAL	1.0	60	Sample collected while grading of sheets going on.	-----
8	K-6	K-6---Sheet Reclamation Area	08.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	09.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	10.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
11	K-9	K-9--Ball Mill Area	11.01.2023	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	-----
12	K-10	K-10--Factory Premises near Main Gate (East)	12.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	13.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12--Sheets Loading Area	14.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

*Suraj*

Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

## FOR THE MONTH OF JANUARY 2023

## RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT

PART 2 - FROM 15.01.2023 TO 31.01.2023

S. NO	CODE	LOCATION	DATE	DUST CONC. PPC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	L 1 - Shutdown	-----
2	K-2	K-2--Fibre Godown / Line 2	17.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	18.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	19.01.2023	< 0.1 ( 0.05 )	G	PERSONAL	1.0	60	Plant was running	-----
5	K-4 2	K-4--Automatic Bag Opening Machine / Line	20.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	21.01.2023	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	22.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	-----
8	K-6	K-6--Sheet Reclamation Area	23.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	24.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	25.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
11	K-9	K-9--Ball Mill Area	27.01.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	-----
12	K-10 (East)	K-10--Factory Premises near Main Gate	28.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11 (West)	K-11--Factory Premises near Setting Pit 2	29.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12--Sheets Loading Area	30.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----

Samples Collected by Mr. C. Gunasekaran  
 Samples Counted by Mr. P. Krishna Kishore

*[Signature]*  
 Dr. S. P. Vivek Chandra Rao  
 Vice President Occupational Health

**RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF FEBRUARY 2023**

PART 1 - FROM 01.02.2023 TO 16.02.2023										
S NO	CODE	LOCATION	DATE	DUST CONC. FCC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	01.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	L 1 - Shutdown	.....
2	K-2	K-2--Fibre Godown / Line 2	02.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	03.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.02.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line	05.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.02.2023	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	07.02.2023	< 0.1 ( 0.01 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	.....
8	K-6	K-6--Sheet Reclamation Area	08.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
9	K-7	K-7--Filing of moulded goods	09.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	10.02.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	11.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
12	K-10 (East)	K-10--Factory Premises near Main Gate	12.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11 (West)	K-11--Factory Premises near Settling Pit 2	13.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	14.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

*Dr. S. P. Vivek Chandra Rao*  
*Vice President Occupational Health*

## HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF FEBRUARY 2023

PART 2 - FROM 15.02.2023 TO 28.02.2023										
S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	L 1 - Shutdown	-----
2	K-2	K-2--Fibre Godown / Line 2	16.02.2023	< 0.1 ( 0.01 )	G	STATIC	1.0	60	Plant was running	-----
3	K-3 1	K-3--Automatic Bag Opening Machine / Line 1	17.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
4	K-3A Line 1	K-3A--Automatic Bag Opening Machine / Line 1	18.02.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	-----
5	K-4 2	K-4--Automatic Bag Opening Machine / Lime	19.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
6	K-4A Line 2	K-4A--Automatic Bag Opening Machine /	20.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	21.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	-----
8	K-6	K-6--Sheet Reclamation Area	22.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	23.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	24.02.2023	< 0.1 ( 0.05 )	G	PERSONAL	1.0	60	Plant was running	-----
11	K-9	K-9--Ball Mill Area	25.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
12	K-10 (East)	K-10--Factory Premises near Main Gate	26.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11 (West)	K-11--Factory Premises near Settling Pit 2	27.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12--Sheets Loading Area	28.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

  
Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF MARCH 2023

PART 1 - FROM 01.03.2023 TO 16.03.2023

S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	01.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	L 1 - Shutdown	.....
2	K-2	K-2--Fibre Godown / Line 2	02.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	03.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	L 1 - Shutdown	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.03.2023	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	L 1 - Shutdown	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line 2	05.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.03.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	07.03.2023	< 0.1 ( 0.05 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	.....
8	K-6	K-6--Sheet Reclamation Area	08.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
9	K-7	K-7--Filing of moulded goods	09.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	10.03.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	10.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
12	K-10 (East)	K-10--Factory Premises near Main Gate	14.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11 (West)	K-11--Factory Premises near Settling Pit 2	14.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	14.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. Gowri Amandeep  
Samples Counted by Mr. P. Krishna Kishore

Dr. S. P. Vivek Chandra Rao

Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF MARCH 2023

PART 2 - FROM 15.03.2023 TO 28.03.2023

S. NO	CODE	LOCATION	DATE	DUST CONC. F/C/C OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
2	K-2	K-2--Fibre Godown / Line 2	16.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	L2 - Shutdown	-----
3	K-3	K-3--Automatic Bag Opening Machine / Line 1	17.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	18.03.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	L1 - Shutdown	-----
5	K-4	K-4--Automatic Bag Opening Machine / Line 2	19.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	20.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	21.03.2023	< 0.1 ( 0.05 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	-----
8	K-6	K-6--Sheet Reclamation Area	22.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	23.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	24.03.2023	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	-----
11	K-9	K-9--Ball Mill Area	26.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running, L2-Shutdown	-----
12	K-10	K-10--Factory Premises near Main Gate (East)	28.03.2023	< 0.1 ( 0.01 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	29.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12--Sheets Loading Area	30.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

Dr. S. P. Vivek Chandra Rao

Vice President Occupational Health

# Medical surveillance unit

HIL Limited, Kondapalli

Sridhar, S.

ID: 60000640 Age: 47 (30-03-1976)

Gender	Male	Height	175 cm	Asthma	No
Ethnicity	Asian	Weight	80 kg	BMI	26.1
Smoker	No			COPD	No

FVL (ex/in)

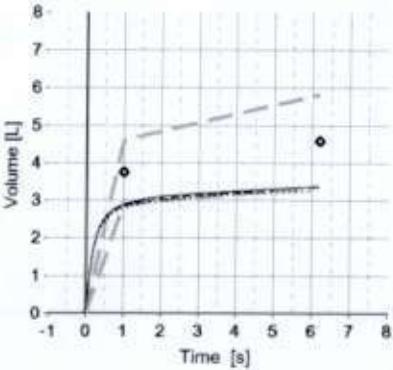
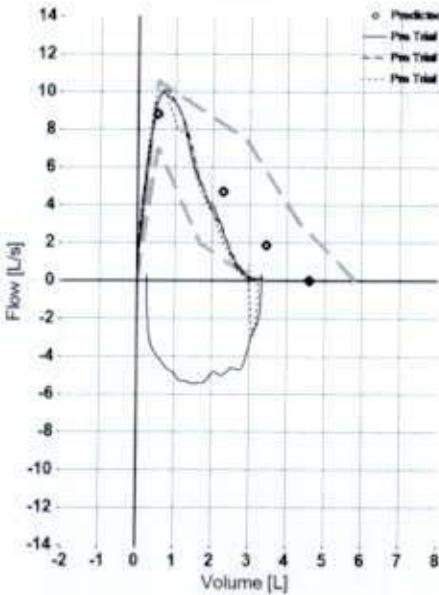
Your FEV1 / Predicted: 77%

Test Date	02-05-2023 15:29:56	Interpretation	GOLD(2008)/Hardie	Value Selection	Best Trial
Post Time		Predicted	Knudson 83 * 1.00	BTPS (IN/EX)	1.12/1.02

Pre Best

Parameter	Pred	LLN	Trial 1	Trial 3	Trial 2	%Pred
FVC [L]	4.59	3.37	3.34*	3.23*	3.24*	73
FEV1 [L]	3.75	2.89	2.88*	2.84*	2.78*	77
FEV1/FVC	0.817	0.710	0.862	0.879	0.858	106
FEF25-75% [L/s]	3.91	1.57	4.23	4.66	4.11	108
PEF [L/s]	8.81	-	10.00	10.13	10.17	113
FET [s]	-	-	6.1	4.9	6.0	-
FIVC [L]	4.59	3.37	3.07*	0.06*	0.24*	67
PIF [L/s]	-	-	5.46	0.39	2.90	-
Session Quality	Pre		A (FEV1 Var=0.05L (1.6%); FVC Var=0.10L (3.0%))			
System Interpretation	Pre		Restriction probable; further examination recommended			

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



# Medical surveillance unit

HIL Limited, Kondapalli

P., Srinivasa rao

ID: 60000641 Age: 46 (31-03-1977)

Gender	Male	Height	164 cm	Asthma	No
Ethnicity	Asian	Weight	78 kg	BMI	29
Smoker	Yes: 2 Cigarette(s) per Day; Years Smoking 5; occasional				

FVL (ex/in)

Your FEV1 / Predicted: 80% Your Lung Age: 67

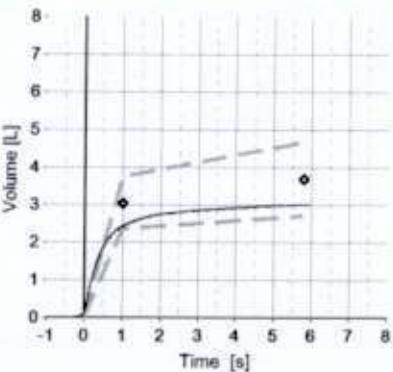
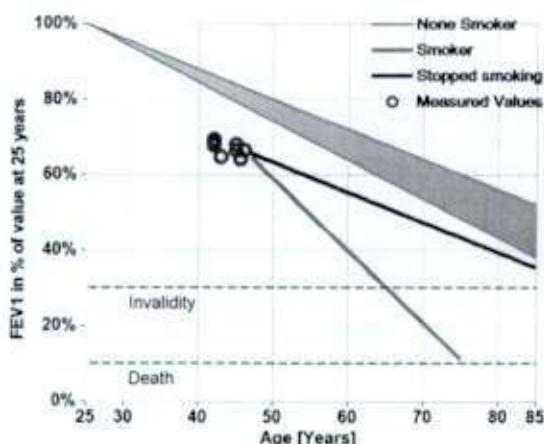
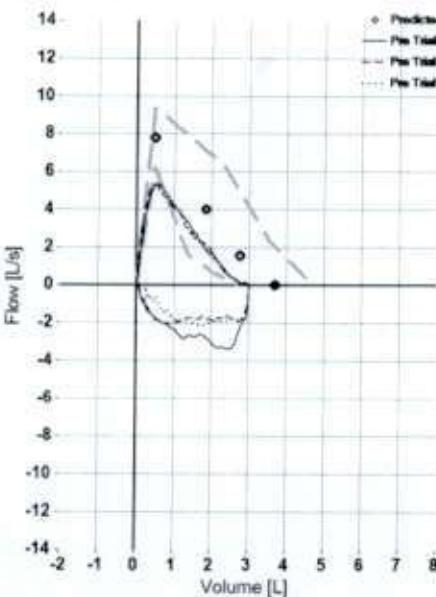
Test Date	02-05-2023 14:43:09	Interpretation	GOLD(2008)/Hardie	Value Selection	Best Trial
Post Time		Predicted	Knudson 83 * 1.00	BTPS (IN/EX)	1.12/1.02

Pre Best

Parameter	Pred	LLN	Trial 2	Trial 3	Trial 4	%Pred
FVC [L]	3.69	2.71	3.01	3.01	3.01	81
FEV1 [L]	3.05	2.35	2.43	2.42	2.40	80
FEV1/FVC	0.818	0.711	0.810	0.804	0.796	99
FEF25-75% [L/s]	3.31	1.33	2.38	2.38	2.28	72
PEF [L/s]	7.81	-	5.39	5.36	5.05	69
FET [s]	-	-	5.8	5.9	5.6	-
FIVC [L]	3.69	2.71	2.94	2.96	2.79	80
PIF [L/s]	-	-	3.39	2.08	2.18	-

Session Quality Pre A (FEV1 Var=0.01L (0.5%); FVC Var=0.00L (0.1%))

System Interpretation Pre Normal Spirometry



# Medical surveillance unit

HIL Limited, Kondapalli

**Madhukar, M**

ID: 60000639 Age: 50 (21-11-1972)

Gender	Male	Height	180 cm	Asthma	No
Ethnicity	Asian	Weight	85 kg	BMI	26.2
Smoker	No			COPD	No

## FVL (ex/in)

Your FEV1 / Predicted: 73%

Test Date	02-05-2023 14:04:09	Interpretation	GOLD(2008)/Hardie	Value Selection	Best Trial
Post Time		Predicted	Knudson 83 * 1.00	BTPS (IN/EX)	1.12/1.02

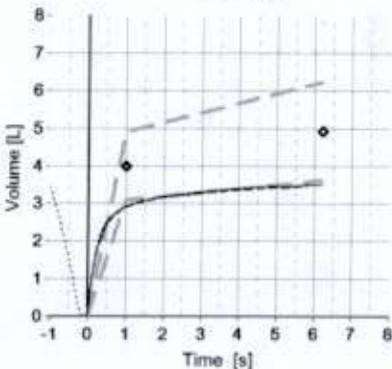
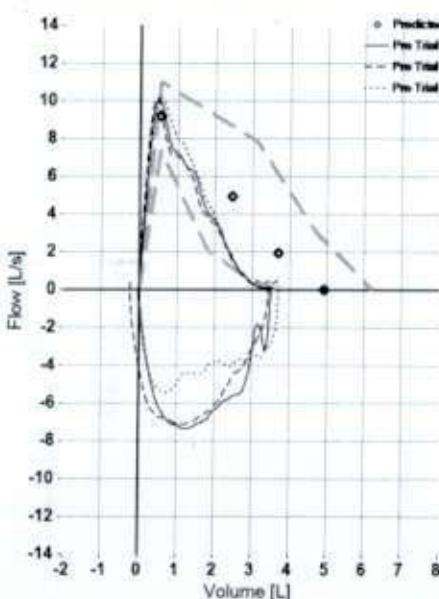
### Pre Best

Parameter	Pred	LLN	Trial 2	Trial 4	Trial 3	%Pred
FVC [L]	4.92	3.61	3.51*	3.45*	3.20*	71
FEV1 [L]	3.99	3.08	2.91*	2.89*	2.92*	73
FEV1/FVC	0.814	0.707	0.829	0.838	0.911	102
FEF25-75% [L/s]	4.09	1.65	3.37	3.37	4.59	82
PEF [L/s]	9.18	-	10.22	10.23	10.24	111
FET [s]	-	-	6.2	5.8	2.4	-
FIVC [L]	4.92	3.61	3.53*	3.68	-	72
PIF [L/s]	-	-	7.36	7.14	-	-

Session Quality Pre A (FEV1 Var=0.01L (0.4%); FVC Var=0.06L (1.7%))

System Interpretation Pre Restriction probable; further examination recommended

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



# Medical surveillance unit

HIL Limited, Kondapalli

Ch., Rambabu

ID: 50000292 Age: 55 (09-03-1968)

Gender	Male	Height	171 cm	Asthma	No
Ethnicity	Asian	Weight	76 kg	BMI	26
Smoker	No			COPD	No

FVL (ex/in)

Your FEV1 / Predicted: 84%

Test Date	02-05-2023 13:54:46	Interpretation	GOLD(2008)/Hardie	Value Selection	Best Trial
Post Time		Predicted	Knudson 83 * 1.00	BTPS (IN/EX)	1.12/1.02

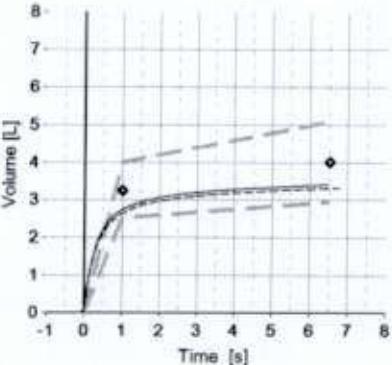
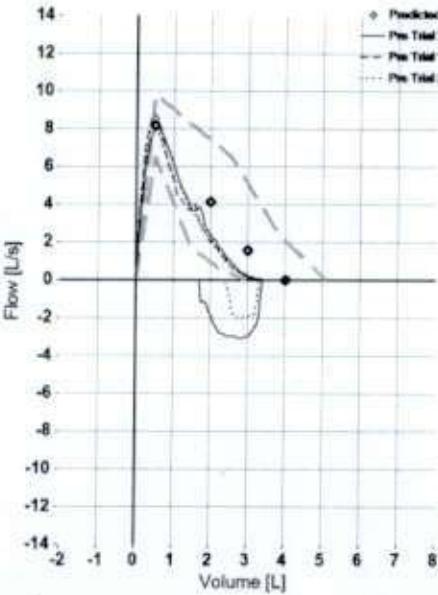
Pre Best

Parameter	Pred	LLN	Trial 2	Trial 1	Trial 3	%Pred
FVC [L]	4.01	2.94	3.40	3.31	3.31	85
FEV1 [L]	3.25	2.51	2.73	2.64	2.62	84
FEV1/FVC	0.809	0.703	0.803	0.796	0.792	99
FEF25-75% [L/s]	3.39	1.36	2.62	2.43	2.43	77
PEF [L/s]	8.16	-	8.04	8.77	8.22	99
FET [s]	-	-	6.5	6.8	6.5	-
FIVC [L]	4.01	2.94	1.69*	0.13*	0.93*	42
PIF [L/s]	-	-	3.08	0.32	2.01	-

Session Quality Pre A (FEV1 Var=0.09L (3.4%); FVC Var=0.09L (2.6%))

System Interpretation Pre Normal Spirometry

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



# Medical surveillance unit

HIL Limited, Kondapalli

T., Rama krishna

ID: 60000693 Age: 44 (29-03-1979)

Gender	Male	Height	167 cm	Asthma	No
Ethnicity	Asian	Weight	87 kg	BMI	31.2
Smoker	No			COPD	No

FVL (ex/in)

Your FEV1 / Predicted: 86%

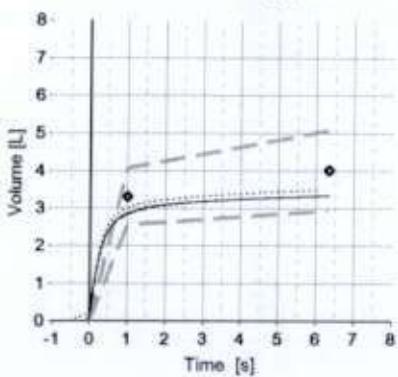
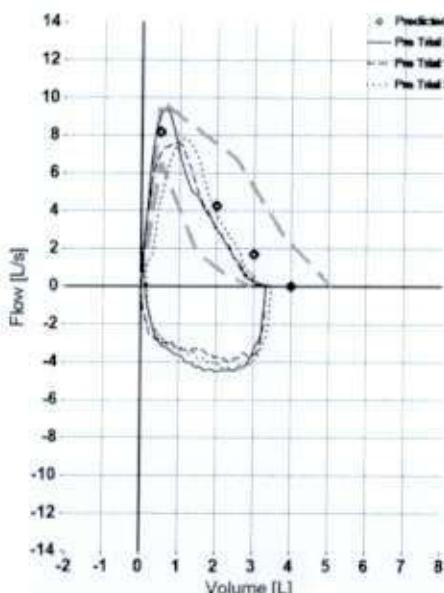
Test Date	02-05-2023 15:36:51	Interpretation	GOLD(2008)/Hardie	Value Selection	Best Trial
Post Time		Predicted	Knudson 83 * 1.00	BTPS (IN/EX)	1.12/1.02

Pre Best

Parameter	Pred	LLN	Trial 2	Trial 1	Trial 3	%Pred
FVC [L]	4.00	2.94	3.33	3.34	3.48	83
FEV1 [L]	3.31	2.55	2.86	2.82	3.00	86
FEV1/FVC	0.820	0.713	0.858	0.846	0.863	105
FEF25-75% [L/s]	3.55	1.43	3.48	3.56	4.19	98
PEF [L/s]	8.16	-	9.43	7.61	7.82	116
FET [s]	-	-	6.3	6.4	6.1	-
FIVC [L]	4.00	2.94	3.19	3.32	3.32	80
PIF [L/s]	-	-	4.51	4.03	4.45	-

Session Quality Pre C (FEV1 Var=0.04L (1.2%); FVC Var=0.01L (0.2%))

System Interpretation Pre Normal Spirometry



# **MUNICIPAL ADMINISTRATION AND URBAN DEVELOPMENT DEPARTMENT**

## **KONDAPALLI MUNICIPALITY**

### **CERTIFICATE OF APPRECIATION**

Dt : 24-12-2022

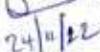
We congratulate with heartful appreciation the Manager Director, HIL Limited (Charminar Rekulu), Kondapalli Municipality, NTR District for their OUTSTANDING Services rendered to KONDAPALLI MUNICIPALITY towards donated **TATA Ace Gold Vehicle** for collection of Door to Door Waste under Clean Andhra Pradesh Program (CLAP).

We again appreciate and encourage them to continue their best services where ever they provide amenities to institutes for better services to public.



Commissioner,

Kondapalli Municipality.



24/12/22

Place : Kondapalli



## వనతి గృహాల్ సాకర్యాల కల్పనకు సాయం

ఎస్టార్ కలెక్చరెట్. న్యూన్ కుడే : ఎస్టార్ బెల్లోని ఎస్టార్ ఎస్టార్ నంకైమ వనతి గృహాల్ మోలిక వనతి కల్పనలు కొండపర్చి పట్టణానికి చెందిన పాచశాఖ రిమిటిడ్ నంప్రె (సీకే మిధ్ బ్రెవ్) రూ. 7.

10 లక్షల సాయాన్ని అందించి, నంబందిర నెఱ్చును పోచ ఎవర యూనిట్ పూర్వ ఎన్ లక్ష్ శాంత, మెనేజర్ (పాచశాఖ.) డా.ఎస్.ఎస్. నుబ్బారావు నగరంలోని కార్బూలయంలో కలెక్చర్ ఎస్.డిటీరావుతు శుక్రవారం అందించారు. కార్బూ ఎడ సొఫ్టర్ డెస్ట్రిబ్యూషన్స్ ఎస్టార్ కేంద్ర లక్ష్ ప్రాక్రిక సాయం చేశారు. కలెక్చర్ మాట్లాడు.



ఎక్కు లందజేస్పున్న లక్ష్ శాంత, నుబ్బారావు తదితరులు

దురూ.. రు సిదులరో వనతి గృహాలకు రక్షణ గ్రిల్స్, దూపింగ్ తదితర సాకర్యాలు కల్పించేందుకు చర్యలు శీసుచుంటామని తెలిపారు. కాలుష్య నియంత్రణ మండలి రుకు టి ప్రసాద రావు తదితరులు పోల్గొన్నారు.

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF OCTOBER 2022

PART 1 - FROM 01.10.2022 TO 16.10.2022						
S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL
				LPM	FLOW RATE LPM	DURATION IN MINUTES
1	K-1	K-1--Fibre Godown / Line 1	01.10.2022	<0.1 ( 0.03 )	G	STATIC
2	K-2	K-2--Fibre Godown / Line 2	03.10.2022	<0.1 ( 0.01 )	G	STATIC
3	K-3	K-3--Automatic Bag Opening Machine / Line 1	04.10.2022	<0.1 ( 0.02 )	G	STATIC
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	06.10.2022	<0.1 ( 0.02 )		STATIC
5	K-4	K-4--Automatic Bag Opening Machine / Line 2	07.10.2022	<0.1 ( 0.01 )	G	PERSONAL
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	08.10.2022	<0.1 ( 0.03 )	G	STATIC
7	K-5	K-5--Stock Area	09.10.2022	<0.1 ( 0.01 )	G	STATIC
8	K-6	K-6--Sheet Reclamation Area	10.10.2022	<0.1 ( 0.04 )	G	STATIC
9	K-7	K-7--Filling of moulded goods	11.10.2022	<0.1 ( 0.03 )	G	*
10	K-8	K-8--Pulveriser Area	12.10.2022	<0.1 ( 0.02 )	G	STATIC
11	K-9	K-9--Ball Mill Area	13.10.2022	<0.1 ( 0.02 )	G	STATIC
12	K-10	K-10--Factory Premises near Main Gate (East)	14.10.2022	<0.1 ( 0.03 )	G	PERSONAL
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	15.10.2022	<0.1 ( 0.01 )	G	STATIC
14	K-12	K-12--Sheets Loading Area	16.10.2022	<0.1 ( 0.03 )	G	STATIC

Samples Collected by Mr. C. Gunasekaran

Samples Counted by Mr. P. Krishna Kishore

Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF OCTOBER 2022

PART 2 - FROM 15.10.2022 TO 28.10.2022

S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C / G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	17.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running (Fortune Sheets)	.....
2	K-2	K-2--Fibre Godown / Line 2	18.10.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line 1	19.10.2022	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running (Fortune Sheets)	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	20.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running (Fortune Sheets)	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line 2	21.10.2022	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	22.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	23.10.2022	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
8	K-6	K-6--Sheet Reclamation Area	24.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Sampale collected while grading of sheets going on - Yes	.....
9	K-7	K-7--Filling of moulded goods	25.10.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	26.10.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	27.10.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
12	K-10 (East)	K-10--Factory Premises near Main Gate	28.10.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11 (West)	K-11--Factory Premises near Settling Pit 2	29.10.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	30.10.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. C. Gunasekaran

Samples Counted by Mr. P. Krishna Kishore

Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF NOVEMBER 2022

PART 1 - FROM 01.11.2022 TO 16.11.2022										
S. NO	CODE	LOCATION	DATE	DUST CONC. F/C/C OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	01.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
2	K-2	K-2--Fibre Godown / Line 2	02.11.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	03.11.2022	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line	05.11.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.11.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	07.11.2022	< 0.1 ( 0.01 )	G	PERSONAL	1.0	60	Sample collected while grading of sheets going on.	.....
8	K-6	K-6--Sheet Reclamation Area	08.11.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
9	K-7	K-7--Filing of moulded goods	09.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	10.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	11.11.2022	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
12	K-10	K-10--Factory Premises near Main Gate (East)	12.11.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	13.11.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	14.11.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

  
Dr. S.P. Vivek Chandra Rao

Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF NOVEMBER 2022

PART 2 - FROM 15.11.2022 TO 28.11.2022										
S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
2	K-2	K-2--Fibre Godown / Line 2	16.11.2022	<0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	17.11.2022	<0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	18.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line	19.11.2022	<0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	20.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	21.11.2022	<0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
8	K-6	K-6--Sheet Reclamation Area	22.11.2022	<0.1 ( 0.03 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on - Yes	.....
9	K-7	K-7--Filing of moulded goods	23.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	24.11.2022	<0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	25.11.2022	<0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
12	K-10	K-10--Factory Premises near Main Gate (East)	26.11.2022	<0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	27.11.2022	<0.1 ( 0.01 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	28.11.2022	<0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

  
Dr. S. P. Vivek Chandra Rao

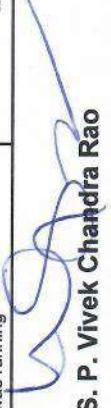
Vice President Occupational Health

## HIL LIMITED

**RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF DECEMBER 2022**

<b>PART 1 - FROM 01.12.2022 TO 16.12.2022</b>										
S. NO	S. CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown /Line 1	01.12.2022	< 0.1 ( 0.01 )	G	STATIC	1.0	60	L 1 - Shutdown	
2	K-2	K-2--Fibre Godown /Line 2	02.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	
3	K-3	K-3--Automatic Bag Opening Machine /Line 1	03.12.2022	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	
5	K-4	K-4--Automatic Bag Opening Machine / Line 2	05.12.2022	< 0.1 ( 0.01 )	G	PERSONAL	1.0	60	Plant was running	
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	
7	K-5	K-5--Stock Area	07.12.2022	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Sample collected while grading of sheets going on.	
8	K-6	K-6--Sheet Reclamation Area	08.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	
9	K-7	K-7--Filing of moulded goods	09.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	
10	K-8	K-8--Pulveriser Area	10.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	
11	K-9	K-9--Ball Mill Area	11.12.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	
12	K-10	K-10--Factory Premises near Main Gate (East)	12.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	13.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	
14	K-12	K-12--Sheets Loading Area	14.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

  
Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

## HIL LIMITED

**RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF DECEMBER 2022**

PART 2 - FROM 15.12.2022 TO 28.12.2022										
S. NO	CODE	LOCATION	DATE	DUST CONC. FICC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
2	K-2	K-2--Fibre Godown / Line 2	16.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
3	K-3 1	K-3-Automatic Bag Opening Machine / Line 1	17.12.2022	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
4	K-3A	K-3A-Automatic Bag Opening Machine / Line 1	18.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
5	K-4 2	K-4-Automatic Bag Opening Machine / Line 2	19.12.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	-----
6	K-4A	K-4A-Automatic Bag Opening Machine / Line 2	20.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	21.12.2022	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	-----
8	K-6	K-6-Sheet Reclamation Area	22.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	23.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	24.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
11	K-9	K-9-Ball Mill Area	26.12.2022	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	-----
12	K-10	K-10--Factory Premises near Main Gate (East)	27.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	28.12.2022	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12---Sheets Loading Area	29.12.2022	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	<i>Scrub</i>

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

*Scrub*  
Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

**RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF JANUARY 2023**

PART 1 - FROM 01.01.2023 TO 16.01.2023										
S. NO	CODE	LOCATION	DATE	DUST CONC. FICCC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	01.01.2023	< 0.1 ( 0.01 )	G	STATIC	1.0	60	L 1 - Shutdown	-----
2	K-2	K-2--Fibre Godown / Line 2	02.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
3	K-3 1	K-3-Automatic Bag Opening Machine / Line 1	03.01.2023	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	-----
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
5	K-4 2	K-4--Automatic Bag Opening Machine / Line 2	05.01.2023	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	-----
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	07.01.2023	< 0.1 ( 0.01 )	G	PERSONAL	1.0	60	Sample collected while grading of sheets going on.	-----
8	K-6	K-6---Sheet Reclamation Area	08.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	09.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	10.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
11	K-9	K-9--Ball Mill Area	11.01.2023	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	-----
12	K-10	K-10--Factory Premises near Main Gate (East)	12.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	13.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12--Sheets Loading Area	14.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

*Suraj*

Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health

## FOR THE MONTH OF JANUARY 2023

## RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT

PART 2 - FROM 15.01.2023 TO 31.01.2023

S. NO	CODE	LOCATION	DATE	DUST CONC. PPC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	L 1 - Shutdown	-----
2	K-2	K-2--Fibre Godown / Line 2	17.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	18.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	19.01.2023	< 0.1 ( 0.05 )	G	PERSONAL	1.0	60	Plant was running	-----
5	K-4 2	K-4--Automatic Bag Opening Machine / Line	20.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	21.01.2023	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	22.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	-----
8	K-6	K-6--Sheet Reclamation Area	23.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	24.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	25.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
11	K-9	K-9--Ball Mill Area	27.01.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	-----
12	K-10 (East)	K-10--Factory Premises near Main Gate	28.01.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11 (West)	K-11--Factory Premises near Setting Pit 2	29.01.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12--Sheets Loading Area	30.01.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----

Samples Collected by Mr. C. Gunasekaran  
 Samples Counted by Mr. P. Krishna Kishore

*[Signature]*  
 Dr. S. P. Vivek Chandra Rao  
 Vice President Occupational Health

**RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF FEBRUARY 2023**

PART 1 - FROM 01.02.2023 TO 16.02.2023										
S NO	CODE	LOCATION	DATE	DUST CONC. FCC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	01.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	L 1 - Shutdown	.....
2	K-2	K-2--Fibre Godown / Line 2	02.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	03.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.02.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line	05.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.02.2023	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	07.02.2023	< 0.1 ( 0.01 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	.....
8	K-6	K-6--Sheet Reclamation Area	08.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
9	K-7	K-7--Filing of moulded goods	09.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	10.02.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	11.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
12	K-10 (East)	K-10--Factory Premises near Main Gate	12.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11 (West)	K-11--Factory Premises near Settling Pit 2	13.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	14.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

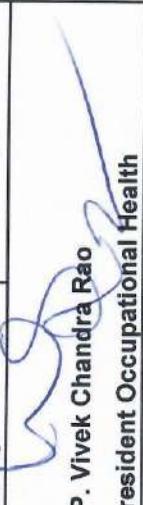
*Dr. S. P. Vivek Chandra Rao*  
*Vice President Occupational Health*

## HIL LIMITED

**RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF FEBRUARY 2023**

PART 2 - FROM 15.02.2023 TO 28.02.2023										
S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	L 1 - Shutdown	-----
2	K-2	K-2--Fibre Godown / Line 2	16.02.2023	< 0.1 ( 0.01 )	G	STATIC	1.0	60	Plant was running	-----
3	K-3 1	K-3--Automatic Bag Opening Machine / Line 1	17.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
4	K-3A Line 1	K-3A--Automatic Bag Opening Machine / Line 1	18.02.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	-----
5	K-4 2	K-4--Automatic Bag Opening Machine / Lime	19.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
6	K-4A Line 2	K-4A--Automatic Bag Opening Machine /	20.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	21.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	-----
8	K-6	K-6--Sheet Reclamation Area	22.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	23.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	24.02.2023	< 0.1 ( 0.05 )	G	PERSONAL	1.0	60	Plant was running	-----
11	K-9	K-9--Ball Mill Area	25.02.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
12	K-10 (East)	K-10--Factory Premises near Main Gate	26.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11 (West)	K-11--Factory Premises near Settling Pit 2	27.02.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12--Sheets Loading Area	28.02.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

  
**Dr. S. P. Vivek Chandra Rao**  
Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF MARCH 2023

PART 1 - FROM 01.03.2023 TO 16.03.2023

S. NO	CODE	LOCATION	DATE	DUST CONC. F/CC OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	01.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	L 1 - Shutdown	.....
2	K-2	K-2--Fibre Godown / Line 2	02.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	.....
3	K-3 1	K-3--Automatic Bag Opening Machine / Line	03.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	L 1 - Shutdown	.....
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	04.03.2023	< 0.1 ( 0.04 )	G	PERSONAL	1.0	60	L 1 - Shutdown	.....
5	K-4 2	K-4--Automatic Bag Opening Machine / Line 2	05.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	06.03.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
7	K-5	K-5--Stock Area	07.03.2023	< 0.1 ( 0.05 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	.....
8	K-6	K-6--Sheet Reclamation Area	08.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
9	K-7	K-7--Filing of moulded goods	09.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
10	K-8	K-8--Pulveriser Area	10.03.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	Plant was running	.....
11	K-9	K-9--Ball Mill Area	10.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
12	K-10 (East)	K-10--Factory Premises near Main Gate	14.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	.....
13	K-11 (West)	K-11--Factory Premises near Settling Pit 2	14.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....
14	K-12	K-12--Sheets Loading Area	14.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	.....

Samples Collected by Mr. Gowri Amandeep  
Samples Counted by Mr. P. Krishna Kishore

Dr. S. P. Vivek Chandra Rao

Vice President Occupational Health

HIL LIMITED

RESULTS OF DUST SAMPLES (WORK PLACE ENVIRONMENT) OF KONDAPALLY UNIT  
FOR THE MONTH OF MARCH 2023

PART 2 - FROM 15.03.2023 TO 28.03.2023										
S. NO	CODE	LOCATION	DATE	DUST CONC. F/C/C OF AIR	SHIFT A/B/C/ G	TYPE OF SAMPLE STATIC PERSONAL	FLOW RATE LPM	DURATION IN MINUTES	WORK CONDITIONS	REMARKS
1	K-1	K-1--Fibre Godown / Line 1	15.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
2	K-2	K-2--Fibre Godown / Line 2	16.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	L2 - Shutdown	-----
3	K-3	K-3--Automatic Bag Opening Machine / Line 1	17.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
4	K-3A	K-3A--Automatic Bag Opening Machine / Line 1	18.03.2023	< 0.1 ( 0.02 )	G	PERSONAL	1.0	60	L1 - Shutdown	-----
5	K-4	K-4--Automatic Bag Opening Machine / Line 2	19.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
6	K-4A	K-4A--Automatic Bag Opening Machine / Line 2	20.03.2023	< 0.1 ( 0.03 )	G	STATIC	1.0	60	Plant was running	-----
7	K-5	K-5--Stock Area	21.03.2023	< 0.1 ( 0.05 )	G	STATIC	1.0	60	Sample collected while grading of sheets going on.	-----
8	K-6	K-6--Sheet Reclamation Area	22.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----
9	K-7	K-7--Filing of moulded goods	23.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
10	K-8	K-8--Pulveriser Area	24.03.2023	< 0.1 ( 0.03 )	G	PERSONAL	1.0	60	Plant was running	-----
11	K-9	K-9--Ball Mill Area	26.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running, L2-Shutdown	-----
12	K-10	K-10--Factory Premises near Main Gate (East)	28.03.2023	< 0.1 ( 0.01 )	G	STATIC	1.0	60	Plant was running	-----
13	K-11	K-11--Factory Premises near Settling Pit 2 (West)	29.03.2023	< 0.1 ( 0.02 )	G	STATIC	1.0	60	Plant was running	-----
14	K-12	K-12--Sheets Loading Area	30.03.2023	< 0.1 ( 0.04 )	G	STATIC	1.0	60	Plant was running	-----

Samples Collected by Mr. C. Gunasekaran  
Samples Counted by Mr. P. Krishna Kishore

Dr. S. P. Vivek Chandra Rao  
Vice President Occupational Health



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF.NO: SDEC/ HIL/AAQ/2022  
URL No.TC100772022000000019

Date: 21-10-2022

## TEST REPORT

### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **HIL LIMITED**  
 Address : Plot No.289,  
                   IDA Kondapalli,  
                   Krishna dist-521228, A.P.  
 Date of monitoring : 17-10-2022  
 Ambient Temperature : 32° C

Sl. No.	Location	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )
1.	Near Security Gate	65	26	12.6	22.8
2.	Near Admn. Building	48	19	11.8	20.4
3.	Near D.G. Set	61	23	12.2	22.0
4.	Near Fork lift workshop	73	34	13.0	23.2
5.	A.P.P.C.B Limits	100	60	80	80

PM<sub>10</sub> : Particulate Matter (size less than 10  $\mu\text{m}$ )

PM<sub>2.5</sub> : Particulate Matter (size less than 2.5  $\mu\text{m}$ )

SO<sub>2</sub> : Sulphur Dioxide

NO<sub>x</sub> : Oxides of Nitrogen

Authorised Signatory

  
*K. Manohar*  
 K. Manohar  
 Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address

201 | Kakatiya Homes  
 S.V.S. Temple Street | Lappipet  
 VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
 Prasadampadu  
 VIJAYAWADA-521 108.

Contact:

7092021868 | 9704126787  
 sdenviroc@outlook.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF.NO: SDEC/HIL/AAQ/2022  
URL No.TC100772022000000026

Date: 20-11-2022

## TEST REPORT

### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.  
Date of monitoring : 15-11-2022  
Ambient Temperature : 32° C

Sl. No.	Location	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )
1.	Near Security Gate	69	28	13.2	23.5
2.	Near Admn. Building	51	22	12.4	20.8
3.	Near D.G. Set	64	26	12.8	22.6
4.	Near Fork lift workshop	77	35	13.5	24.2
5.	A.P.P.C.B Limits	100	60	80	80

PM<sub>10</sub> : Particulate Matter (size less than 10  $\mu\text{m}$ )

PM<sub>2.5</sub> : Particulate Matter (size less than 2.5  $\mu\text{m}$ )

SO<sub>2</sub> : Sulphur Dioxide

NO<sub>x</sub> : Oxides of Nitrogen

Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF.NO: SDEC/HIL/AAQ/2022  
URL No.TC100772022000000040

Date: 24-12-2022

## TEST REPORT

### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Date of monitoring : 20-12-2022

Ambient Temperature : 31° C

Sl. No.	Location	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )
1.	Near Security Gate	63	25	12.8	22.6
2.	Near Admn. Building	49	20	12.0	20.4
3.	Near D.G. Set	60	22	12.5	21.8
4.	Near Fork lift workshop	78	31	13.2	23.0
5.	A.P.P.C.B Limits	100	60	80	80

PM<sub>10</sub> : Particulate Matter (size less than 10  $\mu\text{m}$ )

PM<sub>2.5</sub> : Particulate Matter (size less than 2.5  $\mu\text{m}$ )

SO<sub>2</sub> : Sulphur Dioxide

NO<sub>x</sub> : Oxides of Nitrogen



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**

Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact

7092021868 | 9704126787

sdenviroc@outlook.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF.NO: SDEC/HIL/AAQ/2023  
URL No.TC100772022000000062

Date: 23-01-2023

## TEST REPORT

### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **HIL LIMITED**  
 Address : Plot No.289,  
 IDA Kondapalli,  
 Krishna dist-521228, A.P.  
 Date of monitoring : 17-01-2023  
 Ambient Temperature : 31° C

Sl. No.	Location	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )
1.	Near Security Gate	67	29	13.4	24.0
2.	Near Admn. Building	52	23	12.5	21.6
3.	Near D.G. Set	61	25	12.8	22.4
4.	Near Fork lift workshop	74	32	13.6	24.8
5.	A.P.P.C.B Limits	100	60	80	80

PM<sub>10</sub> : Particulate Matter (size less than 10  $\mu\text{m}$ )  
 PM<sub>2.5</sub> : Particulate Matter (size less than 2.5  $\mu\text{m}$ )  
 SO<sub>2</sub> : Sulphur Dioxide  
 NO<sub>x</sub> : Oxides of Nitrogen



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**



Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.



Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF.NO: SDEC/ HIL/AAQ/2023  
URL No.TC100772022000000080

Date: 22-02-2023

## TEST REPORT

### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.  
Date of monitoring : 17-02-2023  
Ambient Temperature : 34° C

Sl. No.	Location	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )
1.	Near Security Gate	64	31	13.0	23.8
2.	Near Admn. Building	56	27	12.4	22.0
3.	Near D.G. Set	59	28	12.6	22.5
4.	Near Fork lift workshop	71	34	13.5	24.2
5.	A.P.P.C.B Limits	100	60	80	80

PM<sub>10</sub> : Particulate Matter (size less than 10  $\mu\text{m}$ )

PM<sub>2.5</sub> : Particulate Matter (size less than 2.5  $\mu\text{m}$ )

SO<sub>2</sub> : Sulphur Dioxide

NO<sub>x</sub> : Oxides of Nitrogen

Authorised Signatory

  
K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**

 Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

 Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

 Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF.NO: SDEC/ HIL/AAQ/2023  
URL No.TC100772022000000084

Date: 11-03-2023

## TEST REPORT

### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Date of monitoring : 06-03-2023

Ambient Temperature : 36° C

Sl. No.	Location	PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )	PM <sub>2.5</sub> ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>x</sub> ( $\mu\text{g}/\text{m}^3$ )
1.	Near Security Gate	69	33	12.8	23.5
2.	Near Admn. Building	51	24	12.0	21.4
3.	Near D.G. Set	62	27	12.5	22.8
4.	Near Fork lift workshop	76	38	13.2	24.0
5.	A.P.P.C.B Limits	100	60	80	80

PM<sub>10</sub> : Particulate Matter (size less than 10  $\mu\text{m}$ )

PM<sub>2.5</sub> : Particulate Matter (size less than 2.5  $\mu\text{m}$ )

SO<sub>2</sub> : Sulphur Dioxide

NO<sub>x</sub> : Oxides of Nitrogen



Authorised Signatory

*K. Manohar*

K. Manohar

Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment



Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.



Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2022  
URL No.TC100772022000000019

Date: 21-10-2022

## TEST REPORT

### NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Sample Particulars : **Noise Levels**  
Date of Monitoring : 17-10-2022

S.No	Location	Noise Levels dB(A)	
		Day Time	Night Time
1.	Near Security Main Gate	60.2	56.0
2.	Near Admn. Area	59.5	55.2
3.	Near Forklift Workshop	68.4	65.5
4.	Near Stock Yard	61.2	56.6
5.	Near Canteen	61.6	58.4
6.	Near Parking Area	59.4	56.2
7.	Near Green Belt Area	58.8	54.6

Limiting Standards of A.P.P.C.B. : Day Time =75dB(A), Night Time= 70dB(A)



Authorised Signatory

K. Manphar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2022  
URL No.TC100772022000000019

Date: 21-10-2022

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : **Noise Levels**  
Date of Monitoring : 17-10-2022

S.No	Location	Noise Levels dB(A)	
		Day Time	
1.	Near DG Area (D.G. ON)	77.0	
2.	Near DG Area (D.G. OFF)	61.5	
3.	Process -E.R Mill Area	71.8	
4.	Process Fly Ash Handling	69.2	
5.	Process Cement Handling	71.4	
6.	Near Bag Filters	69.6	



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2022  
URL No.TC100772022000000019

Date: 21-10-2022

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : Noise Levels  
Date of Monitoring : 17-10-2022

S.No	Location	Noise Levels dB(A)
		Day Time
1.	Near Stacker Line-1 Area	73.2
2.	Near Destacker Line-1 Area	72.8
3.	Near Stacker Line-2 Area	72.4
4.	Near Destacker Line-2 Area	71.5
5.	Near Reclamation Area	72.0

Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
 sdenviroc@outlook.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2022  
URL No.TC100772022000000026

Date: 20-11-2022

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.  
  
Sample Particulars : **Noise Levels**  
Date of Monitoring : 15-11-2022

S.No	Location	Noise Levels dB(A)	Day Time
1.	Near DG Area (D.G. ON)	76.2	
2.	Near DG Area (D.G. OFF)	61.0	
3.	Process -E.R Mill Area	71.4	
4.	Process Fly Ash Handling	68.8	
5.	Process Cement Handling	71.5	
6.	Near Bag Filters	69.2	



Authorised Signatory

K. Manohar  
K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**



Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.



Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2022  
URL No.TC100772022000000026

Date: 20-11-2022

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : Noise Levels  
Date of Monitoring : 15-11-2022

S.No	Location	Noise Levels dB(A)
Day Time		
1.	Near Stacker Line-1 Area	72.8
2.	Near Destacker Line-1 Area	71.5
3.	Near Stacker Line-2 Area	72.0
4.	Near Destacker Line-2 Area	71.8
5.	Near Reclamation Area	71.4



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2022  
URL No.TC100772022000000040

Date: 24-12-2022

## TEST REPORT

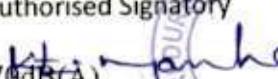
### NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.  
  
Sample Particulars : Noise Levels  
Date of Monitoring : 20-12-2022

S.No	Location	Noise Levels dB(A)	
		Day Time	Night Time
1.	Near Security Main Gate	60.5	56.2
2.	Near Admn. Area	59.2	55.6
3.	Near Forklift Workshop	68.0	65.4
4.	Near Stock Yard	61.6	57.8
5.	Near Canteen	61.2	58.0
6.	Near Parking Area	59.6	55.8
7.	Near Green Belt Area	58.0	54.5

Authorised Signatory

Limiting Standards of A.P.P.C.B. : Day Time =75dB(A), Night Time= 70dB(A)

  
K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

 Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

 Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

 Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2022  
URL No.TC100772022000000040

Date: 24-12-2022

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.  
  
Sample Particulars : **Noise Levels**  
Date of Monitoring : 20-12-2022

S.No	Location	Noise Levels dB(A)
Day Time		
1.	Near DG Area (D.G. ON)	77.4
2.	Near DG Area (D.G. OFF)	61.8
3.	Process -E.R Mill Area	72.0
4.	Process Fly Ash Handling	69.6
5.	Process Cement Handling	71.2
6.	Near Bag Filters	69.5



Authorised Signatory

K. Mahendar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2022  
URL No.TC100772022000000040

Date: 24-12-2022

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.  
  
Sample Particulars : **Noise Levels**  
Date of Monitoring : 20-12-2022

S.No	Location	Noise Levels dB(A)
Day Time		
1.	Near Stacker Line-1 Area	73.0
2.	Near Destacker Line-1 Area	72.2
3.	Near Stacker Line-2 Area	72.5
4.	Near Destacker Line-2 Area	71.6
5.	Near Reclamation Area	71.8



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment



Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.



Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact

7092021868 | 9704126787



sdenvirocaren@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000062

Date: 23-01-2023

## TEST REPORT

### NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Sample Particulars : **Noise Levels**  
Date of Monitoring : 17-01-2023

S.No	Location	Noise Levels dB(A)	
		Day Time	Night Time
1.	Near Security Main Gate	59.8	56.0
2.	Near Admn. Area	58.6	54.2
3.	Near Forklift Workshop	67.5	64.8
4.	Near Stock Yard	61.4	57.6
5.	Near Canteen	61.0	58.4
6.	Near Parking Area	59.2	55.6
7.	Near Green Belt Area	58.4	54.8

Limiting Standards of A.P.P.C.B. : Day Time =75dB(A), Night Time= 70dB(A)



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment



Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.



Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000062

Date: 23-01-2023

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.  
  
Sample Particulars : **Noise Levels**  
Date of Monitoring : 17-01-2023

S.No	Location	Noise Levels dB(A)
Day Time		
1.	Near DG Area (D.G. ON)	76.0
2.	Near DG Area (D.G. OFF)	61.5
3.	Process -E.R Mill Area	71.8
4.	Process Fly Ash Handling	69.4
5.	Process Cement Handling	70.6
6.	Near Bag Filters	69.0



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**



Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.



Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000062

Date: 23-01-2023

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : Noise Levels  
Date of Monitoring : 17-01-2023

S.No	Location	Noise Levels dB(A)	
		Day	Time
1.	Near Stacker Line-1 Area		72.5
2.	Near Destacker Line-1 Area		72.0
3.	Near Stacker Line-2 Area		72.2
4.	Near Destacker Line-2 Area		71.4
5.	Near Reclamation Area		71.0



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION : Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment**

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
 scenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000080

Date: 22-02-2023

## TEST REPORT

### NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.  
  
Sample Particulars : **Noise Levels**  
Date of Monitoring : 17-02-2023

S.No	Location	Noise Levels dB(A)	
		Day Time	Night Time
1.	Near Security Main Gate	60.2	56.6
2.	Near Admn. Area	59.4	54.8
3.	Near Forklift Workshop	67.8	65.2
4.	Near Stock Yard	61.5	58.0
5.	Near Canteen	61.6	58.5
6.	Near Parking Area	59.8	56.4
7.	Near Green Belt Area	59.0	55.2

Limiting Standards of A.P.P.C.B. : Day Time =75dB(A), Night Time= 70dB(A)



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000080

Date: 22-02-2023

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : **Noise Levels**  
Date of Monitoring : 17-02-2023

S.No	Location	Noise Levels dB(A)
Day Time		
1.	Near DG Area (D.G. ON)	74.8
2.	Near DG Area (D.G. OFF)	62.2
3.	Process -E.R Mill Area	72.4
4.	Process Fly Ash Handling	70.0
5.	Process Cement Handling	71.5
6.	Near Bag Filters	69.6



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact

7092021868 | 9704126787  
[sdenvirocare@gmail.com](mailto:sdenvirocare@gmail.com)



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000080

Date: 22-02-2023

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.  
  
Sample Particulars : **Noise Levels**  
Date of Monitoring : 17-02-2023

S.No	Location	Noise Levels dB(A)
Day Time		
1.	Near Stacker Line-1 Area	73.2
2.	Near Destacker Line-1 Area	72.6
3.	Near Stacker Line-2 Area	72.8
4.	Near Destacker Line-2 Area	71.5
5.	Near Reclamation Area	71.4



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment



Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.



Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.



Contact

7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000084

Date: 11-03-2023

## TEST REPORT

### NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228, A.P.

Sample Particulars : Noise Levels  
Date of Monitoring : 06-03-2023

S.No	Location	Noise Levels dB(A)	
		Day Time	Night Time
1.	Near Security Main Gate	59.5	55.8
2.	Near Admn. Area	58.2	54.6
3.	Near Forklift Workshop	67.4	65.5
4.	Near Stock Yard	61.0	58.4
5.	Near Canteen	62.2	58.0
6.	Near Parking Area	59.4	56.2
7.	Near Green Belt Area	58.6	55.0

Limiting Standards of A.P.P.C.B. : Day Time =75dB(A), Night Time= 70dB(A)

Authorised Signatory

  
K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000084

Date: 11-03-2023

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : **Noise Levels**  
Date of Monitoring : 06-03-2023

S.No	Location	Noise Levels dB(A)
Day Time		
1.	Near DG Area (D.G. ON)	75.0
2.	Near DG Area (D.G. OFF)	61.8
3.	Process -E.R Mill Area	72.2
4.	Process Fly Ash Handling	69.6
5.	Process Cement Handling	71.4
6.	Near Bag Filters	69.2



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address

201 | Kakatiya Homes  
S.V.S. Temple Street | Lappipet  
VIJAYAWADA-520 010.

Lab Address

#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact

7092021868 | 9704126787  
[sdenvirocare@gmail.com](mailto:sdenvirocare@gmail.com)



# Sri Durga Envirocare

(An NABL ACCREDITED LABORATORY)

AN ADVANCED ENVIRONMENTAL POLLUTION MONITORING MANAGEMENT CENTRE



REF: SDEC/HIL/NL/2023  
URL No.TC100772022000000084

Date: 11-03-2023

## TEST REPORT

### WORK ENVIRONMENT NOISE LEVELS

Name of the Industry : M/s. **HIL LIMITED**  
Address : Plot No.289,  
IDA Kondapalli,  
Krishna dist-521228,A.P.

Sample Particulars : **Noise Levels**  
Date of Monitoring : 06-03-2023

S.No	Location	Noise Levels dB(A)
Day Time		
1.	Near Stacker Line-1 Area	72.8
2.	Near Destacker Line-1 Area	72.4
3.	Near Stacker Line-2 Area	72.5
4.	Near Destacker Line-2 Area	71.2
5.	Near Reclamation Area	71.6



Authorised Signatory

K. Manohar  
Technical Manager

**OUR MISSION :** Our Aim is to Become The Most Economical, Efficient & Reliable Testing Facility for Environment

Corporate Address  
201 | Kakatiya Homes  
S.V.S. Temple Street | Labbipet  
VIJAYAWADA-520 010.

Lab Address  
#10-136/19 | BMPS Road  
Prasadampadu  
VIJAYAWADA-521 108.

Contact  
7092021868 | 9704126787  
sdenvirocare@gmail.com

(May 2023)

(STAFF)

HILLIMITED, KONDAPALLY UNIT  
HEALTH RECORD OF EMPLOYEES FOR THE YEAR 2023

FORM 17

SL. NO	EMP NO.	NAME OF EMPLOYEE	A M E / P M E		DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	CLINICAL EXAMINATION			DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
			DATE	TIME							BREATHING	HEART	LUNGS	OR CORRECTED	
1	50000650	N LAKSHMI KANTH	19-Mar-77	3 6/23	- NIL -	102/ min	110/80 S, S <sub>2</sub> ⊕	BAE ⊕	Coryza	NAD	NA	NA	NA	FIT	✓
2	50000237	P CHANDRA SHEKAR	12-Jun-72	16/5/23	- NIL -	79/ min	150/100 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓
3	50000260	VENU GOPALA RAO V	30-Aug-71	10/5/23	HTN : 200/100 Dm : 2 yrs T-Hrt 404	120/ min	150/100 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓
4	50000285	T SIVA PRASAD	15-Jul-71	11/5/23	Dm : 10 yrs T-Exo gyno - myo T-Hrt glaryng.	88/ min	140/80 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓
5	50000287	A SUDHAKAR	28-May-76	11/5/23	- NIL -	62/ min	130/90 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓
6	50000288	K RAVI PRAKASH	01-Jul-73	11/5/23	HTN : 440/100 on T. Losartan 400 mg T. Rossuvat-F	88/ min	140/90 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓
7	50000290	SHARMA T P	10-Jan-73	11/5/23	- NIL -	76/ min	130/80 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓
8	50000292	CH RAMBABU	09-Mar-68	17-3/7-6	- NIL -	76/ min	110/80 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓
9	50000294	OM PRASAD SAPKOTA	06-Aug-69	11/5/23	HTN : 120/80 on Rx.	81/ min	130/80 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓
10	50000298	ANIL PRASAD MV	15-Jun-68	11/5/23	Dm : 4 yrs	80/ min	110/70 S, S <sub>2</sub> ⊕	BAE ⊕	clear	6/6	NA	NA	NA	FIT	✓

T. ATTENDANT

T. MEDICO

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED)	SYSTEMIC EXAMINATION	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
11	50000346	V V MOHANA RAO	15-Aug-82	166/66	DM (T. metformin 500mg OD)	DM (T. metformin 500mg OD)	100/min	150/100	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	Ward round DM medd.	FIT	Q
12	50000414	P MADHUKUMAR	13-Jun-81	172/74	- NIL -	3/5/23	81/min	130/80	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	NAD	FIT	Q
13	50000437	V VENKATESWARA RAO	25-May-70	159/65	- NIL -	10/5/22	90/min	140/100	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	NAD	FIT	Q
14	50000448	M DURGARAO	04-Jun-84	174/71	- NIL -	3/5/23	77/min	130/90	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	NAD	FIT	Q
15	50000489	P MUNI MOHAN REDDY	01-Jul-71	174/74	HTN - 84/4 on TELMAD-H	5/6/23	82/min	40/80	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	NAD	FIT	Q
16	50000540	K SUNEEL KUMAR	06-Aug-77	172/64	HTN - 3 yrs back, now 107/min	3/5/23	107/min	148/100	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	NAD	FIT	Q
17	50000606	P BHAVAN NARAYANA	06-Nov-86	185/85	Shop ped.	180/60	66/min	130/80	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	NAD	FIT	Q
18	50000697	S RAJ BABU	25-May-91	170/60	- NIL -	6/5/23	known HTN 3 yrs on	120/70	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	Ward round and HTN	FIT	Q
19	50000922	MNV PAVAN KUMAR	19-Apr-87	173/73	TEL. C. (HTN + ECG)	165/55	72/min	120/70	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	NAD	FIT	Q
20	50001341	M CHANDRASEKHAR	02-Jan-94	165/55	- NIL -	9/5/23	86/min	120/80	S, S <sub>2</sub> (clear)	BAE (clear)	6/6	NAD	FIT	Q

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED)	SYSTEMIC EXAMINATION	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
21	50002122	P MOHAN KRISHNA	15-Jun-75	172.7 72.7	145/82 DM : 104/60	90/min	130/80	S, S <sub>2</sub> , P	BAE (P) corrected	NAD	sentinal dm areas	fit	Q	
22	50002190	G SIVA RAMA KRISHNA	20-Aug-82	171.6 56	9/6/23 - NIL -	100/min	139/80	S, S <sub>2</sub> , P	BAE (P) corrected	NAD	NIL	fit	Q	
23	50002221	T VIJAY KUMAR	21-May-87	169/60	21/5/23 Known asthmatic in childhood	85/min	130/90	S, S <sub>2</sub> , P	BAE (P) clear	6/6	NAD	fit	Q	
24	50002905	M NAGESWARA RAO	20-Jun-66	174.27 80	30/5/23 - NIL -	79/min	140/90	S, S <sub>2</sub> , P	BAE (P) corrected	NAD	clear	fit	Q	
25	50002972	B THANESEWOR	10-Mar-73	171.9 91.9	HTN : 104/60 on defaulter	76/min	140/90	S, S <sub>2</sub> , P	BAE (P) clear	6/6	- NIL -	do exercise	Q	
26	50003001	B SANTHOSH KUMAR	01-Jul-86	162.4 61.4	11/5/23 - NIL -	76/min	120/80	S, S <sub>2</sub> , P	BAE (P) corrected	NAD	NAD	fit	Q	
27	50003013	A RAVINDRA BABU	12-Oct-86	168.0 73.0	obesity ① 18/5/23	93/min	130/80	S, S <sub>2</sub> , P	BAE (P) clear	6/6	NAD	do exercise	Q	
28	50003101	SK JILANI SHAEB	09-Apr-88	169/80 73.5	21/5/23 - NIL -	97/min	120/80	S, S <sub>2</sub> , P	BAE (P) clear	6/6	NAD	fit	Q	
29	50003119	AR AJAYE	11-Jun-86	162.5 78.5	6/5/23 - NIL -	71/min	140/90	S, S <sub>2</sub> , P	BAE (P) corrected	NAD	clear	fit	Q	
30	50003373	K TEJASWINI	11-Aug-94	—	—	—	—	—	—	—	—	—	—	

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMIN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	CORRECTED	SYSTEMIC EXAMINATION	VISION (6/6 OR DIMINISHED OR CORRECTED)	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
31	50003576	SAI SATEESH KUMAR	25-May-96	105/60	10/5/23	- NIL -	103/min	140/70	S, S, T	BAE↑	6/6	NAD	FIT	A-	
32	50003647	VEERA RAJU	10-Aug-95	—	—	—	LEFT	—	—	—	—	—	—	—	
33	50003691	T OMKARAMU	01-Apr-75	166/3	6/6/23	DN: 2 yrs on T.gut & BD	92/min	140/80	S, S, T	BAE↑	Corrected	Continued Dm needed as before	FIT	A-	
34	50003731	K NAVEEN KUMAR	21-Apr-86	166/1	2/6/23	- NIL - Denoous HTN	97/min	180/120	S, S, T	BAE↑	6/6	T-TFNH history Admission to hospital	FIT	A-	
35	50003754	SK. APSAR BABA	12-Jul-98	166/6	20/5/23	- NIL -	78/min	140/70	S, S, T	BAE↑	Corrected	NAD	FIT	A-	
36	50003834	V SANJAY BABU	25-Sep-95	169/1	16/6/23	- NIL -	89/min	130/80	S, S, T	BAE↑	6/6	NAD	FIT	A-	
37	50003921	MANNEM JAJI	20-Oct-94	149/2	25/6/23	- NIL -	85/min	110/80	S, S, T	BAE↑	Corrected	NAD	FIT	A-	
38	50004052	B V PARTHASARATHY	02-Mar-91	149/11	25/5/23	- NIL -	75/min	130/80	S, S, T	BAE↑	6/6	NAD	FIT	A-	
39	50004122	SK NAGURVALI	16-Oct-99	171/00	8/6/23	- NIL -	95/min	130/80	S, S, T	BAE↑	Corrected	NAD	FIT	A-	
40	50000465	U SARVESH KUMAR	09-Jul-86	174/63	30/6/23	HTN : 5 months	88/min	145/80	S, S, T	BAE↑	6/6	NAD	FIT	A-	

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED)	SYSTEMIC EXAMINATION	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
41	50004186	G AMANDEEP	12-Jun-90	115/23 - NIL -	86/min	130/90 S, S <sub>2</sub> ⊕	BAE ⊕	6/6	NAD	FIT	✓			
42	50004191	YS SUBBA RAO	15-Aug-74	129/23 DN : 2 yrs T. metformin 0.0	95/min	150/90 S, S <sub>2</sub> ⊕	BAE ⊕ concerned about unclear	Continual dry cough at night		FIT	✓			
43	50004232	R ANBARASAN	30-06-1987	143/23 - NIL -	80/min	100/70 S, S <sub>2</sub> ⊕	BAE ⊕	6/6	NAD	FIT	✓			
44	Off Role	YESU BABU	30-11-1985	150/23 HTN DM(+) : 2 yrs	75/min	210/100 S, S <sub>2</sub> ⊕	BAE ⊕	6/6	T. Jumpery, T.TEMPO	FIT	✓			
45	Off Role	P VENKATESWARA RAO	05-10-1995											
46	Off Role	CH KISHORE	13-06-1995				LC	FT						
47	Off Role	M RAJA RAJESWARI	19-Jul-89	162/23 - NIL -	94/min	110/80 S, S <sub>2</sub> ⊕	BAE ⊕	6/6	NAD	FIT	✓			
48	Off Role	K NAGARAJU	11-Aug-87	178/23 - NIL -	97/min	130/90 S, S <sub>2</sub> ⊕	BAE ⊕	6/6	NAD	FIT	✓			
49	Off Role	M DHANA LAKSHMI	14-02-1988	159/53 NIL -	93/min	120/80 S, S <sub>2</sub> ⊕	BAE ⊕	6/6	NAD	FIT	✓			
50		BHARAT	05-06-1995	171/10 NIL -	75/min	120/80 S, S <sub>2</sub> ⊕	BAE ⊕	6/6	NAD	FIT	✓			

(PENSION MEDIUM)

(May 2023)

HILLIMITED, KONDAPALLY UNIT

FORM 17

HEALTH RECORD OF EMPLOYEES FOR THE YEAR 2023

NAME/ P.M.E

Clinical Examination

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED)	SYSTEMIC EXAMINATION	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
1	60000639	M MADHUKAR	21-Nov-72	160/81.5	21/5/23	Dm(+) : 2400 HTN (+) : 6 months	92/min	130/80	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	6/6	T-Telma A <sub>0</sub> T-gmfr	FIT	B
2	60000640	S SREEDHAR	14-May-75	176/60	21/5/23	-NIL-	79/min	120/90	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	6/6	-NIL-	FIT	B
3	60000641	P SRINIVASA RAO	02-Aug-76	165/81	21/5/23	-NIL-	90/min	110/70	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear for myopic hypertrophic	NIL	Specks(+) clear	FIT	B
4	60000642	G GOPALA KRISHNA	20-Jul-77	176/81.7	6/5/23	HTN : 1 year on T <sub>1</sub> Telmg - H <sub>1</sub> T <sub>2</sub> mg - H <sub>2</sub>	64/min	120/80	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	6/6	Continuous mild HTN nondipping	FIT	B
5	60000643	L V SUBBA RAO	20-Aug-67	173/65	6/5/23	-NIL-	81/min	129/80	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	Concussed	NAD	FIT	B
6	60000644	P V RAVI KUMAR	15-Aug-75	175/66	26/5/23	RVD true	76/min	130/90	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	Concreated	ART medicinal continues	FIT	B
7	60000658	K SAMBASIVA RAO	24-Dec-74	175/62	25/5/23	-NIL-	79/min	120/80	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	Concreted	NAD	FIT	B
8	60000659	M PARASURAM	14-Mar-76	168/65	3/5/23	-NIL-	106/min	120/80	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	Spots.	6/6 C	FIT	B
9	60000660	E NAGESWARA RAO	15-Apr-77	169/65	21/5/23	H/O N.B. history of 5 yrs back.	69/min	120/80	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	Adulased breathing Spots.	6/6 C	FIT	B
10	60000661	G SRINADHA KAVI	19-Mar-78	182/60	8/5/23	Kidney placed 2 yrs back.	80/min	180/110	S <sub>1</sub> S <sub>2</sub> (+)	BAE(+) clear	HTN on k.y. obese(+) medium	6/6	CAD obese(+) medium	B

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED )	SYSTEMIC EXAMINATIO N	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
11	60000663	S NAGESWARA RAO	13-Jul-75	164/66	2/5/23	HTN : 2 mmHg T. TELMA 20 mg	70/min	100/70	S, S <sub>2</sub> +	BAP① clear	6/6	T. ECG (Normal)	FIT	Q
12	60000665	PUMAMAHESWARA RAO	01-Jun-74	170/92	21/6/23	H10 DCM : 12 yrs on Rx. Obesity ②	88/min	130/90	S, S <sub>2</sub> +	BAP① clear	Concerted T. PE more weight down	Reduce T. PE more weight down	FIT	R
13	60000668	J NAGARAJU	02-Oct-71	171/33	5/5/23	Known HTN : 2 yrs on Rx. T. Losartan 25 mg	71/min	130/90	S, S <sub>2</sub> +	BAP① clear	6/6	Continued anti HTN Spelta	FIT	R
14	60000670	Y KONDALA RAO	30-Apr-75	169/86	10/5/23	DM ③ : 4 yrs HTN : 6 yrs on Rx.	106/min	130/80	S, S <sub>2</sub> +	BAP① clear	6/6	T. TELMA-H T. MCT Formon 250mg/60	FIT	Q
15	60000671	B TIRUMALA CHARI	30-Aug-80	169/60	3/5/23	HTN : 12 yrs on Rx.	83/min	120/80	S, S <sub>2</sub> +	BAP① clear	6/6	T. TELMA-H T. Rosuvast Spelta	FIT	R
16	60000673	V KESAVA RAO	25-Apr-75	171/80	31/5/23	- NIL -	96/min	120/80	S, S <sub>2</sub> +	BAP① clear	6/6	Continued T. Koch's 600 mg/20 days	FIT	R
17	60000692	K RAMASESHU	14-Jul-77	166/72	3/5/23	HTN : 10 yrs on Rx.	69/min	140/90	S, S <sub>2</sub> +	BAP① clear	6/6	T. TELMA 40 T. Bisoprolol 5mg H/C	FIT	Q
18	60000693	T RAMAKRISHNA	15-May-79	166/86	2/5/23	HTN : 4 yrs on T. Amlodipine 5 mg	78/min	160/100	S, S <sub>2</sub> +	BAP① clear	6/6	Torcomil Anti HTN	FIT	R
19	60000694	B V RAMA RAO	05-Jun-75	166/88	25/5/23	HTN : 10 yrs on T. Amlodipine 5 mg	103/min	170/100	S, S <sub>2</sub> +	BAP① clear	Continued T. Amlodipine 5 mg	Corrected T. Amlodipine 5 mg	FIT	R
20	60000695	K MOHAN DAS	10-Feb-77											

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED)	SYSTEMIC EXAMINATIO N	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
21	60000696	G RAMESH BABU	07-Jun-77	171/60	25/5/82	HTN : 2 yrs on T. TEFLA-H	110/min	150/100	S, S <sub>2</sub> , +	BAP(+)	Corrected (continues) HTN + Atrial fibrillation	6/6	T-TLMR-H + Atrial fibril. SERUELO 85%	FIT
22	60000697	J VENKATESWARA RAO	01-Mar-67	162/68	1/5/23	HTN : 12 yrs on R. H10. Giddiness	78/min	120/80	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	T-TLMR-H	FIT
23	60000698	B RAMESH	10-Apr-82	164/74	8/6/23	- NIL -	71/min	140/80	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	NAD	FIT
24	60000699	SK KARIMULLA	08-Jun-75	166/98	2/5/23	HTN : 8 yrs on R. Rx	103/min	110/80	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	T-Atrial 5 mg.	FIT
25	60000700	T NAGENDRA RAO	16-Aug-71	167/65	4/5/23	H10 asthma 10 yrs on Rx Normal	82/min	140/90	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	No exercise and weight loss.	FIT
26	60000775	MBV RAJA SEKHAR	28-Jul-77	168/77	1/5/23	HTN (+) : 4 yrs diarrhoeal Rx.	103/min	160/90	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	Obese ventricular arrhythmia decreased	FIT
27	60000776	BABU RAJU RAMALA	04-Apr-84	165/61	25/5/23	- NIL -	82/min	140/90	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	NAD	FIT
28	60000777	CH MADHAVA RAO	26-Jun-81	169/91	2/5/23	HTN : 3 months on Rx 10 mg/od	68/min	130/80	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	T-CINOD To my BD specula ventriculus	FIT
29	60000778	S TRILOKCHAND	24-Jan-70	169/132	3/5/23	HTN : 10 yrs on T. METXL 500	96/min	150/80	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	continues HTN mdd specula	FIT
30	60000784	J V JAGADEESWARA RAO	29-Jul-78	174/74	25/5/23	- NIL -	97/min	100/10	S, S <sub>2</sub> , +	BAP(+)	clear	6/6	NAD	FIT

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED)	SYSTEMIC EXAMINATIO N	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
31	60000785	R SAMBASIVA RAO	23-May-80	112/61 M	8/5/23	Dm : 3 month on T. METformin 810 mg D	140/90	5, S2 +	B A E +	6/6	Went out DTR mudd as before	FIT	A	
32	60000786	SK ABDULNABI	20-May-75	158/123	8/5/23	H T N : 2 yrs on T. Amlo 5mg	97/min	140/80	S, S2 +	B A E +	6/6	Continue HTN mudd as before	FIT	B
33	60000787	N VENKATESWARA RAO	26-Jun-76	131/61	3/5/22	H T N : 8 yrs T. metformin 500mg	71/min	180/110	S, S2 +	B A E +	6/6	Went out HTN mudd	FIT	B
34	60000788	R SURIBABU	04-Jun-89	160/61 M	8/5/23	- NIL -	100/min	120/80	S, S2 +	B A E +	6/6	NAD	FIT	B
35	60000789	M SANDEEP	24-Aug-89	154/61	2/5/22	- NIL -	87/min	120/80	S, S2 +	B A F +	6/6	H/o dust allergy	FIT	B
36	60000790	SD MUJIBUDDIN	26-Sep-88	158/55	2/5/22	Dm : 12 yrs T. Vildagliptin 60 mg daily	84/min	110/70	S, S2 +	B A E +	6/6	Cortomimy	FIT	B
37	60000793	K RAVI KUMAR	21-May-75	150/55	2/5/22	Dm : 12 yrs T. metformin 800 mg daily	88/min	140/90	S, S2 +	B A E +	6/6	DTR mudd	FIT	B
38	60000794	I MARIYAPPA CHARI	01-Mar-82	144/80	4/5/23	- NIL -	89/min	130/80	S, S2 +	B A E +	6/6	NAD	FIT	A
39	60000795	S VENKATESWARA RAO	24-May-80	160/78 M	2/5/23	- NIL -	72/min	150/100	S, S2 +	B A E +	6/6	-NIL-	FIT	B
40	60000798	M NAGARIUNA	02-Jun-89	161/69	5/5/23	- HTN.	71/min	150/100	S, S2 +	B A E +	6/6	Advise for regular BP monitor	FIT	B

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED )	SYSTEMIC EXAMINATIO N	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
41	60000800	A GIRIBABU	01-May-85	175/73	4/5/23	-NIL-	105/min	100/80	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	NAD	FIT	Ø
42	60000804	V NIREEKSHANA RAO	14-May-89	157/72	4/5/23	Known Adhyratic : dysuria	82/min	120/80	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	Confined automobile medium	FIT	Ø
43	60000806	P VIDYA SAGAR	20-03-1987	157/86	4/5/23	-NIL-	88/min	120/90	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	-NAD-	FIT	Ø
44	60000808	V GANESH	23-07-1990	170/92	5/5/23	H/0 Dryst. 1044.	81/min	120/80	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	NAD	FIT	Ø
45	60000812	T SATYANARAYANA	10-04-1990	168/86	29/5/23	N I L	77/min	120/70	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	NAD	FIT	Ø
46	60000813	P S HARISH KUMAR	01-01-1990	165/89	31/5/23	-NIL-	73/min	130/80	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	NAD	FIT	Ø
47	60000817	A RAMA KRISHNA	22-Aug-91	175/83	3/5/23	Dm : 6 yrs T. gynase - mfd	98/min	140/90	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	Continue Dose as before	FIT	Ø
48	60000819	L TIRUPATI RAO	25-May-89	162/81	2/5/23	de novo HTN	81/min	150/100	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	Adv T. Amlo 5mg	FIT	Ø
49	60000820	K NAresh	30-03-1988	159/85	4/5/23	-NIL-	84/min	140/90	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	NAD	FIT	Ø
50	60000827	S BALA LINGAM	19-02-1978	171/76	2/5/23	HTN : 2 yrs	68/min	150/100	S <sub>1</sub> S <sub>2</sub> ⊕	BAP⊕	6/6	T.TBMA 40 mg	FIT	Ø

SL. NO	EMP NO.	NAME OF EMPLOYEE	DATE OF BIRTH	HEIGHT (IN CMS) & WEIGHT (IN KGS)	DATE OF MED. EXMN.	CHIEF COMPLAINTS	PULSE (per minute)	B.P. (mm of Hg)	HEART	LUNGS	VISION (6/6 OR DIMINISHED OR CORRECTED)	SYSTEMIC EXAMINATIO N	DIAGNOSIS / OPINION / REMARKS	INITIAL OF PHYSICIAN
51	60000828	SHAIK VAHAB	21-01-1989	158/71	31/5/23	- NIL -	94/min	120/80	S, S <sub>2</sub> +	BPE +	6/6	NAD	FIT	A
52	60000836	SHAIK HUSSAIN	11-08-1988	170/69	25/5/23	Htn : 4 months on TELMA 40 mg	78/min	160/100	S, S <sub>2</sub> +	BPE +	6/6	Cervical HTN Dyslipidemia	NP FIT	B
53	60000837	SNVR PRASAD REDDY	29-06-1984	160/81.4	8/5/23	HtN history 6 yrs and treated.	96/min	150/90	S, S <sub>2</sub> +	BPE +	6/6	Unremarkable	NP FIT	B
54	60000839	T VENKATA RAO	14-05-1990	170/65	26/5/23	- NIL -	79/min	110/80	S, S <sub>2</sub> +	BPE +	6/6	NAD	FIT	A
55	60000840	K SAMBASIVA RAO	01-08-1990	176/80	31/5/23	- NIL -	90/min	150/100	S, S <sub>2</sub> +	BPE +	6/6	NAD	FIT	A
56	60000842	G VIJAY KUMAR	06-04-1984	171/5.4	5/5/23	Drm : 4 yrs HTN : 4 yrs	90/min	170/100	S, S <sub>2</sub> +	BPE +	6/6	Amiodarone T-methyldopa continued	AT	B
57	60000843	M PRAVEEN KUMAR	18-04-1990	165/74	6/5/23	- NIL -	87/min	140/90	S, S <sub>2</sub> +	BPE +	6/6	Obese	Do exercise FIT	B
58	60000847	K PHANI KUMAR	05-06-1992	169/71	4/5/23	HtN history	86/min	140/80	S, S <sub>2</sub> +	BAC +	6/6	To take metformin	NP FIT	B
59	60000854	P DURGA PAVANKUMAR	10-06-1990	161/10	1/6/23	- NIL -	91/min	120/80	S, S <sub>2</sub> +	BPE +	6/6	NAD	NP FIT	B
60	60000898	T RAKESH	31-07-1991	172/3	1/6/23	- NIL -	75/min	140/80	S, S <sub>2</sub> +	BPE +	6/6	NAD	NP FIT	B

**HIL/ EHS/2022 -23/ 20**

**30.11.2022**

To

**The Regional Officer,**  
Integrated Regional Office (IRO), Vijayawada,  
Minister of Environment, Forest and climate change,  
Green House, Gopala Reddy Road,  
Vijayawada - 520010  
Andhra Pradesh.  
Phone: 0866-2419787, 0866-24197 88.

Respected Sir,

**Sub:** Submission of EC- 1<sup>st</sup> Half yearly compliance Report for the year 2022-23  
**Ref:** No.I111t7/194/2014-tA I (t) dated 20.10.2015

As per the conditions stipulated in the Environment Clearance (EC) letter, 1st half yearly condition wise compliance report has been attached for period of 2022-23.

This is for you kind information.  
Please acknowledge the receipt.

Thanking You  
Yours faithfully

For HIL Limited

  
**N.Lakshmi Kanth**

Unit Head.

  
Copy To

**The Environmental Engineer**  
A.P Pollution Control Board  
Regional office, Vijayawada  
Plot No:41- Sri Kanakadurga Office/s Colony  
Gurunanak Road  
VIJAYAWADA-8.

## HALF YEARLY COMPLIANCE REPORT

Environmental Clearance Letter/s No. and Date: - **No. J-11011/194/2014-IA II (I) dated 20.10.2015**  
 Name of the Project: - **HIL Limited, Kondapalli - Manufacturing of Asbestos Cement Roofing Sheets**  
 Period of Compliance Report: - **From April 2022 to September 2022.**

### Specific Conditions

S.no.	Conditions	Compliance status
i.	The project proponent should install 24*7 air monitoring devices to monitor air emission and submit report to Ministry and its Regional Office	We have identified all dust generation sources and connected the sources to dust collection system. The dust collection system connected to outlet stacks of specified height. In every month air quality monitoring being conducted by Sri Druga Envirocare, (An NABL Accredited Laboratory) Vijayawada. Monthly reports are being submitted to Regional office with the half yearly return.  This year we have planned to install continuous ambient air quality monitoring system and it will come to in function. <b>Annexure – 1 &amp; 2</b>
ii.	The proponent shall comply with the Hon'ble Supreme Court Direction (year 1995) regarding occupational health and safety measures in asbestos industries	Following all BIS standards as shown below <ul style="list-style-type: none"> <li>• Method for determination of airborne asbestos fiber concentration in work environment, IS-11450,</li> <li>• Safety and health requirements relating to occupational exposure to asbestos IS-11451,</li> <li>• Safe use of products containing asbestos part-1, asbestos cement products IS-11769</li> <li>• Control of emission of asbestos dust in premises manufacturing products containing asbestos, Part-I asbestos cement products IS-11770,</li> <li>• Personal protection of workers engaged in handling asbestos, IS 12078,</li> <li>• Pictorial warning signs and precautionary notices for asbestos and products containing asbestos, Part-2 &amp; 3, asbestos and its products IS 12081.</li> </ul>
iii.	Emission norms for asbestos fiber should be regularly monitored and kept <0.2 fiber/cc	Complied. Stack Emission monitoring are conducted monthly by Sri Druga Envirocare, (An NABL Accredited Laboratory) Vijayawada, and the fibre dust is maintained less than 0.2 fibre/cc. <b>Annexure – 2</b>
iv.	Work place asbestos fibre should be regularly monitored and kept <0.1 fibre/cc.	Complying. We have been taken required all steps in monitoring and keeping the workplace asbestos fibre dust level less than 0.1 fibre/cc as per prescribed by MoEF. <b>Annexure – 3</b>



S.no.	Conditions	Compliance status
v	Total particulate matter emission should be regularly monitored and kept <2mg/Nm <sup>3</sup> in stack.	Complying. Particulate matter emission from stack attached to BOD monitoring has been done and maintained less than prescribed limit 2mg/Nm <sup>3</sup> by frequent maintenance of the dust collectors. <b>Annexure – 2</b>
vi	Ambient air quality monitoring should be done specifically for asbestos fiber.	Complying the conditions by maintain well below 0.1fibre/cc. Usually every year we are checking asbestos fibre level in ambient air with Regional Labour Institute, Chennai, but during the year 2021 we couldn't do since covid19 pandemic situation. We planned for this year 2022 and requisition letter has been sent to Regional Labour Institute, Chennai.
vii	Medical Examination should be carried out by specially designed medical respiratory questionnaire and the report should be submitted along with the 6 monthly compliance report.	Pre-employment, periodical medical and post session medical examinations are conducted regularly and records are maintained.
viii	Spirometry test should be conducted every 6 months and x-ray shared be done once in year and report submitted	Six months once we are conducting spirometry test and once in a year X-ray is taken and monitoring all employee's health condition. Few sample reports has been attached. <b>Annexure – 4</b>
ix	The proponent shall prepare a detailed ESC plan for every next 5 years for the proposed project ,which includes village-wise, sector-wise (health Education ,Sanitation, Skill Development and Infrastructure requirements such as strengthening of village roads ,avenue plantation etc.) activities in consultation with the local communities and administration .The ESC plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards ESC activities for life of the project. A separated budget shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO, Bhopal. The details of the ESC Plans shall also be upload on the company website and shall also be provided in the Annual Report of the Company.	"HIL has been continuously committed to the cause of ESC in the nearby villages during the last 5 years by spending about Rs.80 lacs. Some of the projects done include school infra development, RO plant provision, community hall development, toilets construction as part of Swatch Bharat Abhiyan, etc.  During Fy20-21, due to Covid19 situation and the call given by the Hon'ble PM of India, we have given the CSR funding to the PM-Cares Fund for larger interest of people for prevention of Covid pandemic in our society. Hence, this year no local activity has been done.  In the Year 2022 Caution LED Blinking Signals was Provided at KETHANAKONDA and KOTHAGATE, Kondapalli Panchayat, Krishna Dist. <b>Annexure – 5</b>
x	All waste generated in the process should be used within the plant.	The process effluent is continuously recycled in the process. The capacity of the tanks are sufficient. All the domestic wastewater shall be treated in septic tank followed by soak pit and used for green belt development. This year we have planned for 20 KLD STP plant.



S.no.	Conditions	Compliance status
xi	The project Proponent should develop in-house facility to monitor asbestos fiber	Complying, workplace airborne dust level monitoring is done daily by personal air check sampler, samples are sent to our centralized lab at Hyderabad for testing and getting result. <b>Annexure – 3</b>
xii	Green belt shall be developed in 33% of plant area. Selection of plant species be as per the CPCB guidelines in consultation with the DFO.	Green belt developed total 33% of plant area complying as per CPCB guidelines.
xiii	Provision shall be made for the housing of 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.	Not Applicable.
<b>B.GENERAL CONDITIONS:</b>		
i.	The project authorities must strictly adhere to the stipulations made by the Andhra Pradesh pollution Control Board and the State government	We are following the conditions of Andhra Pradesh Pollution Control Board and the State government.
ii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and climate change (MoEFCC).	Condition is being followed.
iii.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM <sub>10</sub> , PM25, SO <sub>2</sub> , and NO <sub>x</sub> are anticipated in consultation with SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional office at Chennai and the SPCB/CPCB once in six months.	Complied. Ambient air quality and stack emission are regularly monitored by Sri Druga Envirocare, (An NABL Accredited Laboratory), Vijayawada, and the test reports are submitted with half yearly compliance report to Integrated Regional Office (IRO), Vijayawada and Andhra Pradesh Pollution Control Board. <b>Annexure – 6</b>
iv.	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> may, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	No waste water is discharged out. All the process waste water is recycled and utilized 100% completely into the process.
v.	The overall Noise levels in and around the plant area shall be kept well within the standards (85dB A) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time ) and 70 dBA (night time ).	Complying with the stipulated conditions. <b>Annexure – 7</b>



S.no.	Conditions	Compliance status
vi.	Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complying and all medical surveillance records are maintained as per the Factories Act. <b>Annexure – 8</b>
vii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Company has developed 4 rain water harvesting pits inside the plant premises and maintaining in good conditions.
viii.	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 programs, educational programs, drinking water supply and health care etc.	100 % complying.
ix.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEFCC) 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 of Chennai. The funds so provided shall not be diverted for any other purpose.	Compiled. As declared we have earmarked the funds of Rs.50 Lakhs towards capital cost and Actual spent was about Rs.90 Lakhs and also spending the expenditure of Rs.15-20 Lakhs towards recurring cost/ annum for effective implementation of environment pollution control measures as per the conditions stipulated by the MoEFCC.
x.	A copy of clearance letter shall be sent by the proponent to concerned panchayat, Zillaparishad / Municipal Corporation, Urban local Body and the local NGO, if theany, from whom suggestions /representations, if any , were received while processing the proposal. The clearance letter shall also be put on website of the company by the proponent.	Complied.
xi.	The project proponent shall upload the status of compliance of the stipulated environmental 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 MoEFCC at Chennai. The respective Zonal Office of the CPCB and SPCB. The criteria pollutant levels namely; PM <sub>10</sub> ,PM <sub>25</sub> , SO <sub>2</sub> , and NO <sub>x</sub> ( ambient levels as well as stack emissions) or critical sect oral parameters, I indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied.



S.no.	Conditions	Compliance status
xii.	The project proponent shall also submit the 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 MoEFCC, the respective Zonal office of CPCB and SPCB. The Regional Office of the Ministry of Chennai/CPCB/SPCB shall monitor the stipulated conditions.	Complied. Last half yearly report was submitted on 28.06.2022. <b>Annexure – 9</b>
xiii	The environment statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned SPCB 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 MoEFCC at Chennai by e-mail.	Complied. Form-V was submitted on 27.09.2022 for the financial year 2021-22 to Integrated Regional office of MoEFCC Vijayawada and APPCB, Vijayawada. <b>Annexure – 10</b>
xiv.	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, Forests and Climate Change (MoEFCC) 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 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 Chennai.	Complied.
xv.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and the final approval of the project by the concerned authorities and the date of commencing the land development work.	Complied.



**HIL/EHS/2022-23/16**

Dt.27.09.2022

To,

Environmental Engineer  
A.P. Pollution Control Board  
Regional Office, Vijayawada  
Plot No: 41  
Sri Kanakadurga Officers's Colony  
Gurunanak Road  
VIJAYAWADA - 8.

Respected Sir/Madam,

Sub: Submission of Form V Environment Audit statement for the  
the year 2021-22

Please find enclosed herewith copy of Form V Environment Audit statement for the year  
2021-22.

This is for your kind information.

Please acknowledge the receipt.

Thanking you  
Yours faithfully,

For HIL Limited

  
K.Venkateswara Rao  
Unit Head

  
Cc to

  
**The Regional Officer,**  
Integrated Regional Office (IRO), Vijayawada,  
Minister of Environment, Forest and climate change,  
Green House, Gopalareddy Road,  
Vijayawada - 520010  
Andhra Pradesh .  
Phone: 0866-2419787, 0866-2419788.

## Gunasekaran C

---

**From:** Gunasekaran C  
**Sent:** 27 September 2022 18:48  
**To:** 'eccompliance-ap@gov.in'; 'suresh.pasupuleti@gov.in'; 'iro.vijayawada-mefcc@gov.in'  
**Cc:** Venkateswararao K; Santosh Kumar Pollai; SRINIVASA RAO DIVVE  
**Subject:** Submission of Form V for the Year 2021-22.  
**Attachments:** Form V For the year 2021-22.pdf

Respected Sir / Madam,

Environmental Clearance Letter No. : - J-11011/194/2014-IA II (I) dated 20.10.2015

Name of the Project: - Asbestos Cement Sheets Manufacturing.

Period of Environmental Report: - For Period of the Year 2021-22.

Please find the attached Covering letter and copy of Environmental Report Form V for the year 2021-22.

This is for your kind information and record.

Thanking you

Thanks & Regards

C.Gunasekaran  
Lead EHS  
HIL Limited – A CK Birla Group Company  
Plot No.289, IDA, Kondapalli - 521228,  
Krishna District, A.P., India.  
Mob. +91 9100050621.

 <https://www.hil.in>

Connect With Us On:



# **ENVIRONMENTAL STATEMENT**

(For the financial year ending 31<sup>st</sup> March 2022)

**M/s. HIL LIMITED,**  
Plot No. 289, IDA  
KONDAPALLI  
IBRAHIMPATNAM (Mandal),  
KRISHNA (Dist.)

**[FORM-V]**

(See rule 14)

**Environmental statement for the financial year ending the 31st March 2022.**

**Part -A**

1) Name and address of the owner/  
Occupier of the industry operation  
Village, or process : HIL LIMITED, Plot No. 289, IDA  
KONDAPALLI  
IBRAHIMPATNAM, KRISHNA Dt.

2) Industry Category. : Red

Primary :- (STC Code) : 3270  
Secondary :- (STC Code) : 23959

3) Production capacity	Product	Capacity in MT / Annum
		Asbestos Cement Roofing Sheets
	Fibre Cement Sheets ( Non-Asbestos)	3,00,000

4) Year of Establishment : 1998

5) Date of the last Environmental  
Statement submitted : 28.09.2022

**Part -B**

Water and Raw material Consumption

1) Water Consumption (Cu.m/day) 2021 - 22:- 225 M<sup>3</sup>/day

Name of Products	Process water consumption for Product output	
	During the Previous Year 2020-21	During the Current Year 2021-22
Asbestos & Non-Asbestos Cement Roofing Sheets	0.309 KL / TON	0.283 KL/TON

BREAK UP CONSUPTION OF WATER: M<sup>3</sup>/ DAY (AVERAGE) in KLD

PROCESS	202	197
CURING	10	12
DOMESTIC USE & OTHERS (green belt)	20	16
Total	232	225

Note:- Approved water quantity as per CFO issued by APPCB – 341 M<sup>3</sup>/Day



2a) Asbestos Cement Roofing sheets Raw material consumption

Name of Raw Materials	Consumption of raw material per unit of output (Tones/Tone of end Product)			
	During the previous year 2020-21		During the current year 2021-22	
	MT	%	MT	%
Cement	69669	35.05	74517	32.22
Fly Ash	48818	24.56	56226	24.31
Fibre	12176	6.13	13874	6.00
Slag	7416	3.73	16561	7.16
Pulp	3078	1.55	3489	1.51
DWR	2506	1.26	2835	1.23
FR2	1772	0.89	847	0.37
MMF	438	0.22	493	0.21
Defoamer	10	0.005	15	0.01
Additive	8.7	0.004	1.91	0.001

2 b) Non-Asbestos Cement Roofing sheets Raw material consumption

Name of Raw Materials	Consumption of raw material per unit of output (Tones/Tone of end Product)			
	During the previous year 2020-21		During the current year 2021-22	
	MT	%	MT	%
Cement	3043	45.39	2314	45.19
Fly ash	1196	17.85	760	14.85
Pulp	391	5.83	149	2.91
Defoamer	3	0.05	107	2.08
FR 2	126	1.88	71	1.38
Bentonite	67	1.00	40	0.78
MMF	79	1.18	0	0
Slag	18	0.27	0	0
Additive	2	0.03	1.18	0.02
Flocculent	1	0.01	0.70	0.01



**PART-C**  
Pollution discharged to Environment

Pollutants	Quality of Pollutants discharged (mass/day)	Concentrations of Pollutants discharges (Mass/volume)	Percentage of variation from prescribed standards with reasons.
1. Water	a) Waste water: fully recycled to process. b) Domestic Discharge :	NA  Domestic effluents are being sent to septic tank followed by soak pit.	No effluent is generated from process.

**Air :**

**1. Stack Details: stack attached to BOD –Line1**

SPM            0.005 Kg/day            1.25 mg/Nm<sup>3</sup>

**Flow rate – 1835.69 Nm<sup>3</sup>/hr**

**2. Stack attached to BOD –Line2**

SPM            0.09 Kg/day            1.20 mg/Nm<sup>3</sup>

**Flow rate – 2984.33 Nm<sup>3</sup>/hr**

**3. Stack attached to Cement – Line1**

SPM            1.65 Kg/day            35.91 mg/Nm<sup>3</sup>

**Flow rate – 1958.49 Nm<sup>3</sup>/hr**

**4. Stack attached to Cement – Line1**

SPM            1.56 Kg/day            32.5 mg/Nm<sup>3</sup>

**Flow rate – 2006.19 Nm<sup>3</sup>/hr**

**PART - D**  
HAZARDOUS WASTE

(As specified under1 Hazardous wastes/management and handling rules, 1989)

Hazardous wastes	Total Quantity (kgs)	
	During the previous year 2020-21	During the current year 2021-22
a) Waste oil - used for internal lubrication	0.213 KL	0.256 KL
b) Process Sludge - fully recycled	521.56 Tons	414.65 Tons
c) Discarded AC sheets - recycled or re-utilized Qty.	1766.65 Tons	2733.97 Tons

The Hazardous Wastes (Management, Handling and Tran's boundary Movement) Rules, 2008 notified vide S.O.2265 (E), dated 24.9.2008.

*The Environment 532 (Protection) Rules, 1986*



## PART - E

### Solid Wastes

Solid Wastes of Non-Asbestos Cement sheets	Total Quantity	
	During the previous financial year 2020-21	During the current financial year 2021-22
a) Process Sludge - recycled	43.97 Tons	77.23 Tons
b) Discarded Non-asbestos sheets - recycled or re-utilized	235.57 Tons	152.92 Tons

## PART-F

Please specify the characterizations (in terms of consumption and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

### Sludge

Sludge is in semi solid form and contains the fines cement, fly ash and asbestos dust with water. Silicate of lime, alumina and magnesium are in chemical form. The sludge is collected in storage tank and completely recycled in process.

### Solid Waste

Broken and trimmed pieces of asbestos cement sheet are solid waste. All Asbestos Cement waste are converted into slurry form through ball mill and Pulverisor. Then completely recycled into the process.

## PART- G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production:

We have taken number of pollution control measures with respect to water, air, solid waste. On 5th June 2022 saplings 30 numbers planted during the World Environmental Day celebration as a part of the development of greenery within the factory premises. No effluent generated from process. By effluent generated from domestic section is being sent to septic tank followed by soak pit. We are continuously operating air pollution control equipment for controlling dust particles. Good amount of green belt already developed. The steps taken by the management for reducing the impact of pollution on the surrounding area.



#### **PART- H**

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution:

Regularly monitor and control of pollution levels of air and water are being undertaken. This year we have planned to install Continuous Environmental monitoring system in our factory premises. In every year approximately Rupees Six lacs spent towards pollution monitoring and controlling equipment's maintenance. Continuous plantation and lawn are developed.

#### **PART – I**

Any other particulars for improving the quality of the environment.

The management will take efforts to maintain clean and green environment in the premises.

