



Factory : R.S.No. 71, Near Truck Terminal, Ibrahimpattam - 521 456, Krishna Dist. A.P.  
☎ : 2882055, 2882056 Fax : 0866 - 2882058 CIN : L26943TN1965PLC005297

30.04.2025

To

The Joint Director,  
Government of India  
Ministry of Environment Forest & Climate Change  
Regional Office (South Eastern Zone)  
1st & 2nd floor, HEPC Building,  
No.34, Cathedral garden road,  
Nungambakkam, CHENNAI - 34

Dear Sir,

Sub : Compliance Report - MOEF

We are enclosing herewith the MOEF compliance report for the period from October-2024 to March-2025 with Stack & Work zone monitoring reports for your perusal.

Kindly acknowledge the receipt.

Thanking You,

Yours Faithfully,  
For Ramco Industries Limited.,

P. ANANDA RAO,  
DGM - Works



Regd. Office : 47, P.S.K. Nagar, Rajapalayam - 626 108, India.

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004.

☎ +91 44 2847 8585, [www.ramcoindltd.com](http://www.ramcoindltd.com), ✉: [ril@ril.co.in](mailto:ril@ril.co.in)

## CONDITIONS STIPULATED IN MOEF & CC CLEARANCE – VIJAYAWADA PLANT

Reference: J-11011/76/2012-IA-II(I) dt:14.03.2014  
RAMCO INDUSTRIES LIMITED,

HALF YEARLY COMPLIANCE : OCT'2024 TO MAR'2025

### A. SPECIFIC CONDITIONS:

| S. No | Specific conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Compliance status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i.    | The project proponent shall adhere to the prescribed BIS standards and laws regarding use and handling of asbestos, safety to employee's etc. Raw materials like asbestos fibre and cement shall be transported in closed containers. Asbestos fibre shall be brought in palletized form in impermeable bags and under compressed condition.                                                                                                                                                                                                                                                                                                            | <b>Complied.</b><br>We strictly adhere to the prescribed BIS standards and law regarding use and handling of asbestos safety of employee etc. Raw materials like asbestos fibre and cement are always transported in closed containers. Asbestos fibre always brought in palletized form in impermeable bags and under compress condition.                                                                                                                                                         |
| ii.   | Only Chrysotile white asbestos fibre shall be used. Blue asbestos should not be utilized as a raw material in the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Complied.</b><br>We use only WHITE CHRYSOTILE Fibre as raw material in the manufacturing process and we do not use blue asbestos.                                                                                                                                                                                                                                                                                                                                                               |
| iii.  | There shall be no manual handling/opening of asbestos fibre bags. The company shall install fully automatic asbestos fibre debagging system.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Complied.</b><br>There is no manual handling/opening of asbestos fibre bags. Fibre is stored in polythene woven bags and unloaded in the automatic bag-opening device (BOD) wherein the bags are automatically shredded. Thus, no manual handling comes into picture due to installation of fully automatic asbestos fibre debagging system.                                                                                                                                                    |
| iv.   | Fugitive emissions shall be controlled by bringing cement in closed tankers, fly ash in covered trucks and asbestos in impervious bags opening inside a closed mixer. Dust collectors shall be provided to Fibre mill, Bag opening device (BOD), Cement and Fly ash silos to control emissions. Bag filters followed by wet washer shall be provided at automatic bag opening machine, bag shredder, fibre mill and to cement silo to collect the dust and recycle it into the process. Fugitive emissions generated from hopper of Jaw crusher and pulveriser shall be channelized through hood with proper suction arrangement, bag filter and stack. | <b>Complied.</b><br>Cement and Fly ash received in bulk tankers are conveyed pneumatically to the respective silos and there are no fugitive emissions.<br>Bag filters are provided at automatic bag opening machine bag shredder and fibre mill, Cement, Fly ash silos and rejected sheets pulveriser / ball mill to collect the dust and recycle into the process. Rejected sheets are pulverized, and that dusts are collected through hood and dust collector with the bag filter arrangement. |
| v.    | The company shall comply with total dust emission limit of 2mg/Nm <sup>3</sup> as notified under the Environment (Protection) Act, 1986. Adequate measures shall be adopted to control the process emission and ensure that the stack emission of asbestos fibre shall not exceed the emission limit of 0.2 fibre/cc. Asbestos fibre in work zone environment shall be maintained with 0.1 fibre / cc.                                                                                                                                                                                                                                                  | <b>Complied.</b><br>We are complying with total dust emission limit of 2mg/Nm <sup>3</sup> as notification under the Environment (Protection) Act, 1986. Adequate measures have been adopted to control the process emission. We ensure that the stack emission of asbestos fibre will not exceed the emission limit of 0.2 fibre/cc. Asbestos fibre in work zone environment is maintained with in 0.1fiber/cc.<br><br>Reports are enclosed herewith                                              |

| S. No | Specific conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Compliance status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| vi.   | Bags containing asbestos fibre shall be stored in enclosed area to avoid fugitive emissions of asbestos fibre from damaged bags, if any.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p><b>Complied.</b></p> <p>The bags containing asbestos are stored in an enclosed asbestos fibre storage area of about 647.74sq. m. In case if any bags get damaged, we would immediately be sealed that bags to avoid asbestos emissions.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| vii.  | <p>Proper housekeeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems shall be laid in accordance with Factories Act. Better housekeeping practices shall be adopted for improvement of the environment within the work environment also. These include:</p> <ul style="list-style-type: none"> <li>a) All monitoring transfer points shall be connected to dust extraction system.</li> <li>b) Leakages or dust from machines and ducts shall be plugged.</li> <li>c) Floor shall be cleaned by vacuum cleaner only.</li> <li>d) Enclosed belt conveyer shall be used instead of manual transportation of asbestos within the premises.</li> </ul> | <p><b>Complied.</b></p> <p>Proper house-keeping maintained within the plant premises, process and machinery. Exhaust ventilation system is installed in accordance with factories Act.</p> <p>For better house-keeping, following practices are adopted for improvement of the environment within the work environment.</p> <ul style="list-style-type: none"> <li>i) Wet mopping being done in shop floor.</li> <li>ii) Vacuum cleaning done at BOD, ER mill, Fibre godown, Quality lab &amp; shop floor areas.</li> <li>iii) Wet waste is collected in clarifier and recycled in the process.</li> <li>iv) Process water is collected in two Cone tank and recycled in the process.</li> <li>v) Broken sheets are collected and pulverized &amp; reused in the process.</li> <li>a) 1) BOD &amp; ER mill-dust collector with bag filters attached and also fibre count is being monitored.<br/>2) Slurry mixer to storage tank – connected to dust collector and also fibre count is being monitored.</li> <li>b) Asbestos fibre is being transported from fibre godown through Forklift &amp; through roller conveyor fibre bag are fed into the BOD.</li> </ul> |
| viii. | Quarterly monitoring of pollutants (PM <sub>10</sub> , asbestos fibre count) in the work zone area and stack(s) shall be undertaken by the Project proponents. In addition, the asbestos fibre count including the fugitive dust in the work zone area shall be got monitored by an independent monitoring agency like NIOH / ITRC/NCB or any other approved agency on a six-monthly basis and reports shall be submitted to the Ministry's Regional Office at Bangalore, SPCB AND CPCB.                                                                                                                                                                                                               | <p><b>Complied.</b></p> <p>Monitoring of PM<sub>10</sub>, asbestos fibre count at work zone areas and stack (fibre) place is being done monthly by us &amp; found well within the norms.</p> <p>Half yearly monitoring of asbestos fibre count in work zone (including Fugitive dust) is being monitored by external agency, M/s J. R. Lab, Hyderabad.</p> <p>The reports are being submitted to State Pollution Control Board &amp; Ministry once in 6 months.</p> <p>Reports are attached herewith</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| S. No | Specific conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Compliance status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ix.   | As reflected in the Environmental Management Plan, all the treated effluent shall be recycled and reused in the manufacturing process. No process water shall be discharged outside the premises and 'zero' discharge shall be maintained. All the domestic waste water shall be treated in septic tank followed by soak pit and used for green belt development.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Complied.</b><br>The entire process water is recycled and reused in the manufacturing process. There is no process water discharged outside the premises and we are maintaining ZERO discharge. The domestic waste water is treated in septic tank followed by soak pit and used for green belt development.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| x.    | The company shall ensure that the entire solid waste generated including process rejects, cement, fly ash, dust from bag filters and empty asbestos bag shall be recycled back in the manufacturing process. There will be no solid waste disposal outside the plant premises. Asbestos fibres which cannot be further recycled due to contamination of iron dust shall be stored in HDPE lined secured landfill. The disposal facilities for asbestos waste shall be in accordance with the Bureau Of Indian Standard Code.                                                                                                                                                                                                                                                                                                                                   | <b>Complied.</b><br>We ensure that the entire solid waste generated including process rejects, dust from bag filters and empty asbestos bags are recycled in to the manufacturing process. Hence, our products are neither disposed nor landfill.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| xi.   | The cut and damaged fibre bags shall be repaired immediately. Empty fibre bags will be shredded into fine particles in a bag shredder and recycled into the process. Piling of AC sheets shall be done in wet condition only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Complied.</b><br>The cut and damaged fibre bags if any found are being repaired immediately by fixing the adhesive tape. Empty fibre bags are shredded into fine particles in a bag shredder and recycled into the process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| xii.  | The Company shall obtain a certificate from the supplier of Chrysotile fibre that it does not contain any toxic or trace metals. A copy of certificate shall be submitted to the Ministry of Environment and Forests.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Complied.</b><br>There is no toxic or trace elements found in the fibre supply. Also we receive certificate from the Fibre suppliers for every supply<br><br>Copy of certificate attached herewith                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| xiii. | Regular medical examination of the workers and health monitoring of all the employees shall be carried out and if cases of asbestos are detected, necessary compensation shall be arranged under the existing laws. A competent occupational health physician shall be appointed to carry out medical surveillance. Occupational health of all the workers shall be monitored for lung function test, chest x-ray, sputum for acid-fast-bacilli (AFC) and asbestos body (AB), urine for sugar and albumen, blood tests for TLC, DLC, ESR, Hb and records maintained for at least 40 years from the beginning of the employment or 15 years after the retirement or cessation of employment whichever is later. Occupational Health Surveillance shall be carried out as per the directive of the Hon'ble Supreme Court including the recent Kalyaneswari case. | <b>Complied.</b><br>Regular medical examination of the workers and health monitoring of all the employees are carried out. We will maintain record up to minimum 15 years after retirement or cessation of employment whichever is later.<br><br>A competent occupational health physician will be appointed to carry out surveillance. The occupational health monitoring is being done as stipulated.<br><br>We have provided medical and health care facilities at the work place and carry out health surveillance as per the directives of the supreme court.<br><br>We have done last medical check-up for the following: Blood, Urine, Sputum, and X-ray done on 28.09.2024.<br><br>We have attached a specimen herewith |

| S. No  | Specific conditions                                                                                                                                                                                                                                                                                                                              | Compliance status                                                                                                                                                                                                                                                                       |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| xiv.   | To educate the workers, all the work places where asbestos dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.                                                                                                            | <b>Complied.</b><br>We educate the workers, all the work places where asbestos dust may cause a hazard is clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.                                     |
| xv.    | The company shall also undertake rain water harvesting measures and plan of action shall be submitted to Ministry's Regional Office at Bangalore within three months.                                                                                                                                                                            | <b>Complied.</b><br>We have our own harvesting system in our plant to recharge the ground water.                                                                                                                                                                                        |
| xvi.   | All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 28.06.2013 shall be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bangalore.                                              | <b>Complied.</b><br>Recommendations made during public hearing are being done from time to time.                                                                                                                                                                                        |
| xvii.  | As proposed, green belt over 33% of the total projects area should be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the PCB guidelines in consultation with the DFO.  | <b>Complied.</b><br>We have already developed more than 33% of the project area as greenbelt.<br><br>An effective green belt is being developed with local species in consultation with DFO as per CPCB guidelines, Efforts are further made to develop green belt in other areas also. |
| xviii. | At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound manner.                                                                                                                                                     | <b>Completed.</b><br>We have done C.S.R activities in the past six month and as per budget we will continue to do more C.S.R activities.                                                                                                                                                |
| xix.   | The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. | <b>Complied.</b><br>We have provided all necessary infrastructure and facilities to our labour working in the site.                                                                                                                                                                     |

#### B. GENERAL CONDITIONS: -

| S. No | General conditions                                                                                                                                                                                                             | Compliance status                                                                                                                                           |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| i.    | The project authorities must strictly adhere to the stipulations made by the Andhra Pradesh Pollution Control Board and the State Government.                                                                                  | <b>Complied.</b><br>We strictly adhere to the stipulations made by the AP 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 and Forests.                                                                                     | <b>Complied.</b><br>No further expansion/ modifications in the plant will be carried out without prior approval of the Ministry of Environment and Forests. |
| 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 PM10, PM2.5, SO2 and NOx are anticipated in consultation with the | <b>Complied.</b><br>We are monitoring ambient air quality in four locations of the plant by external agency.                                                |

| S. No | General conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Compliance status                                                                                                                                                                                                                              |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bangalore and the SPCB / CPCB once in six months.                                                                                                                                                                                                                                                                                      | We are also sending those monitored results to MOEF, Chennai and State pollution control board.<br><br>We have attached herewith the Ambient Air Quality Record done by M/s Teams labs and Consultants, Vishakapatnam.                         |
| iv.   | Industrial wastewater 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 wastewater shall be utilized for plantation purpose.                                                                                                                                                                            | <b>Complied.</b><br>All our process water is 100% reused in our manufacturing process.                                                                                                                                                         |
| v.    | The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).                                                                                                | <b>Complied.</b><br>Noise levels in and around the Plant area are monitored regularly and is well under the limit.<br><br>We enclosed the reports herewith                                                                                     |
| vi.   | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.                                                                                                                                                                                                                                                                                                                                          | <b>Complied.</b><br>Regular medical examination of the workers and health monitoring of all the employees are carried out by a competent occupational health physician. The occupational health monitoring is being done as per factories act. |
| 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.                                                                                                                                                                                                                                                                                                         | <b>Complied.</b><br>Rain water harvesting structures has been developed to augment ground water during rainy season.                                                                                                                           |
| 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 programmes, educational programmes, drinking water supply and health care etc.                                                                                                                 | <b>Complied.</b><br>We are complying with safe guards recommended in the EIA/EMP report. Also we are regularly doing C.S.R activities.                                                                                                         |
| 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 and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bangalore. The funds so provided shall not be diverted for any other purpose. | <b>Complied.</b><br>Environmental Expenses details are Recurring Expenses: -<br><br>October 2024 to March 2025 =<br><br>Rs.5,54,185/-                                                                                                          |
| x.    | A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zillah Parisad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal. The clearance                                                                                                                                                                                          | <b>Complied.</b><br>Copy of EC accorded has been sent to local panchayat & Zillah parishad.                                                                                                                                                    |

| S. No | General conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Compliance status                                                                                                                                                                                                                                                                                                                                                |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | letter shall also be put on the web site of the company by the proponent.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                  |
| xi.   | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bangalore. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOX (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.                      | <b>Complied.</b><br>We are regularly sending six monthly compliance reports to MOEF regional office every 6 months.<br><br>We have also made available relevant critical parameters in display board near the main gate.                                                                                                                                         |
| xii.  | The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored date (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bangalore / CPCB / SPCB shall monitor the stipulated conditions.                                                                                                                                                                                                                                            | <b>Complied.</b><br>The monitoring data has already been sent to the office along with the compliance report for the period April'24 to September'24 in the month of October' 2024.                                                                                                                                                                              |
| xiii. | The environmental 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 State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bangalore by e-mail.                                                                                                                                                      | <b>Complied.</b><br>We are regularly sending the Environmental statement (Form-V, yearly) to state pollution control board.                                                                                                                                                                                                                                      |
| 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 SPCB and may also be seen at Website of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bangalore. | <b>Complied.</b><br>We have informed the public through the local newspaper announcement that the project has been accorded environmental clearance by the ministry and copies of the clearance are available with state pollution control board/committee and may also seen at website of the MoEF at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . |
| xv.   | Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Complied.</b><br>Information with date of financial closure and final approval given are informed to Ministry of Environment and Forest.                                                                                                                                                                                                                      |

For RAMCO INDUSTRIES LTD.,

P. ANANDA RAO  
Dy. General Manager (Works)



# JR LABS

ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

Rated as 'No.1' Laboratory for Counting of Asbestos Fibre by Institute of Occupational Medicine, Edinburgh U.K., World Health Organization Collaborating Centre for Occupational Health.

30.10.2024

To,

The Dy. General Manager - Works  
M/s. Ramco Industries Ltd.,  
R S No. 71, Near Truck Terminal  
Ibrahimpattam - 521 456  
Vijayawada, Krishna Dist.  
Andhra Pradesh

Dear Sir,

Please find enclosed here with the Results of Dust Samples of  
Work Place, Ambient Air & Stack **Collected and Analyzed** by  
J R LABS for determination of Respirable Asbestos Fibre  
Concentrations on **25<sup>th</sup> & 26<sup>th</sup> October 2024.**

Thanking You

Your's sincerely

For J R LABS

**Research Fibre Analyst**



# JR LABS

## ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

Rated as 'No.1' Laboratory for Counting of Asbestos Fibre by Institute of Occupational Medicine, Edinburgh U.K., World Health Organization Collaborating Centre for Occupational Health.

30.10.2024

### REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

**Project :** M/s. RAMCO INDUSTRIES Ltd.,  
R S No. 71, NEAR TRUCK TERMINAL  
IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P

**Sampler used :** Samples collected by JR Labs Analyzed under : Olympus make, Japan,  
using S K C : 224-PCXR8 : II, B X 40 Phase Contrast  
S K C : Side Kick 51 Ex & Microscope  
S K C : 224-PCXR8 : I  
Personal Sampler

**Flow rate :** 1.0 L P M **Specifications :** As per A I A - R T M 1  
& IS : 11450 - Membrane  
**Sampling Duration :** 60 minutes each Filter Method

### PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & P C B = 0.1 fibre per cc of air.

| Sl. No. | Date of sampling | Location                                             | Condition                                                                                                                                                                                                                          | Dust concentration fibre /cc of air | Remarks |
|---------|------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|
| 1       | 25.10.2024       | <u>Static</u><br>Fibre Godown                        | The Static sample is collected from the Fibre Godown. Torn bags are taped. Different grades of Fibre bags are stored in the Fibre Godown. During sampling, Sampler was placed on 3-60 B 62728 grade Fibre Pallet. Wet moping done. | < 0.1<br>(0.032)                    | ---     |
| 2       | 25.10.2024       | <u>Personal</u><br>Bag Opening Device<br>- E R Mill. | The worker carrying the Sampler was feeding fibre bags to the B O D through Slant Conveyor. Dust Collector in operation.                                                                                                           | < 0.1<br>(0.064)                    | ---     |
| 3       | 26.10.2024       | <u>Static</u><br>E R Mill - Hydro<br>disintegrator   | B O D, E R Mill and Dust Collector in operation.                                                                                                                                                                                   | < 0.1<br>(0.060)                    | ---     |

For JR LABS

Research Fibre Analyst

# B-305 & 309, Vasudha Apartments,  
Quthubullapur Road, New Jeedimetla,  
HYDERABAD - 500 067,  
TELANGANA, INDIA.



AN ISO 9001 : 2008 CERTIFIED LAB

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# JR LABS

## ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

Rated as 'No.1' Laboratory for Counting of Asbestos Fibre by Institute of Occupational Medicine, Edinburgh U.K., World Health Organization Collaborating Centre for Occupational Health.

30.10.2024

### REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

**Project** : M/s. RAMCO INDUSTRIES Ltd.,  
R S No. 71, NEAR TRUCK TERMINAL  
IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P

**Sampler used** : Samples collected by **J R Labs** Analyzed under : Olympus make, Japan,  
using Envirotech : APM 800 – I, B X 40 Phase Contrast  
Casella : T13180 – I & Microscope  
Envirotech : APM 800 – II  
Personal Sampler

**Flow rate** : 1.0 L P M **Specifications** : As per A I A - R T M I  
**Sampling Duration** : 60 minutes each & IS : 11450 - Membrane  
Filter Method

### PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & P C B = 0.1 fibre per cc of air.

| Sl. No. | Date of sampling | Location                                     | Condition                                                                                                                                     | Dust concentration fibre /cc of air | Remarks |
|---------|------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|
| 4       | 25.10.2024       | <u>Personal</u><br>Cutter Off –<br>S F Drum  | The worker carrying the Sampler was cutting the Sheets at the green stage on S F Drum along with another worker.                              | < 0.1<br>(0.092)                    | ---     |
| 5       | 25.10.2024       | <u>Personal</u><br>Stripping                 | The worker carrying the Sampler was engaged in operation of Stripping Machine. The sample is collected during the production of F C C Sheets. | < 0.1<br>(0.076)                    | ---     |
| 6       | 26.10.2024       | <u>Personal</u><br>M G Section -<br>Moulding | The worker carrying the Sampler was making R1 & R2 moulded articles.<br>Semi wet process.                                                     | < 0.1<br>(0.060)                    | ---     |

For J R LABS

Research Fibre Analyst



# JR LABS

ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

Rated as 'No.1' Laboratory for Counting of Asbestos Fibre by Institute of Occupational Medicine, Edinburgh U.K., World Health Organization Collaborating Centre for Occupational Health.

30.10.2024

## REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

**Project** : M/s. RAMCO INDUSTRIES Ltd.,  
R S No. 71, NEAR TRUCK TERMINAL  
IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P

**Sampler used** : Samples collected by J R Labs      **Analyzed under** : Olympus make, Japan,  
using Envirotech : APM 800 – VI,      B X 40 Phase Contrast  
Envirotech : APM 800 – V &      Microscope  
Envirotech : APM 800 – III  
Personal Sampler

**Flow rate** : 1.0 L P M      **Specifications** : As per A I A - R T M 1  
**Sampling Duration** : 60 minutes each      & IS : 11450 – Membrane  
Filter Method

### PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & P C B = 0.1 fibre per cc of air.

| Sl. No. | Date of sampling | Location                      | Condition                                                                                                             | Dust concentration fibre /cc of air | Remarks |
|---------|------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|
| 7       | 26.10.2024       | <u>Personal</u><br>Pulverizer | The worker carrying the Sampler was feeding broken F C C Sheets through the Chute of Pulverizer.                      | < 0.1<br>(0.096)                    | ---     |
| 8       | 26.10.2024       | <u>Personal</u><br>Ball Mill  | The worker carrying the Sampler was engaged in operation of Ball Mill including feeding of Sludge. Wet Process.       | < 0.1<br>(0.084)                    | ---     |
| 9       | 26.10.2024       | <u>Personal</u><br>Salvaging  | The worker carrying the Sampler was reclaiming the Sheets. F C C rejected Sheets were getting reclaimed. Wet process. | < 0.1<br>(0.088)                    | ---     |

For J R LABS

Research Fibre Analyst



# JR LABS

ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

Rated as 'No.1' Laboratory for Counting of Asbestos Fibre by Institute of Occupational Medicine, Edinburgh U.K., World Health Organization Collaborating Centre for Occupational Health.

30.10.2024

## REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

**Project** : M/s. RAMCO INDUSTRIES Ltd.,  
R S No. 71, NEAR TRUCK TERMINAL  
IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P

**Sampler used** : Samples collected by JR Labs  
using S K C : Side Kick 51 Ex &  
S K C : AirLite  
Personal Sampler

**Analyzed under** : Olympus make, Japan,  
B X 40 Phase Contrast  
Microscope

**Flow rate** : 1.0 L P M

**Specifications** : As per A I A - R T M 1  
& IS : 11450 - Membrane  
Filter Method

**Sampling Duration** : 60 minutes each

### PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & P C B = 0.1 fibre per cc of air.

| Sl. No. | Date of sampling | Location                              | Condition                                                                                                                                                                                      | Dust concentration fibre /cc of air | Remarks |
|---------|------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|
| 10      | 26.10.2024       | <u>Personal</u><br>Fork Lift Operator | The Fork Lift Operator carrying the Sampler was engaged in shifting of F C C Sheets from Stock Yard to Loading Platform. Trucks were getting loaded with Sheets during the period of sampling. | < 0.1<br>(0.036)                    | ---     |
| 11      | 26.10.2024       | <u>Personal</u><br>Q C Lab Assistant  | The Q C Lab Asst. carrying the Sampler was engaged in different Lab activities during the period of sampling.                                                                                  | < 0.1<br>(0.068)                    | ---     |

For JR LABS

Research Fibre Analyst



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30.10.2024

## REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

**Project** : M/s. RAMCO INDUSTRIES Ltd.,  
R S No. 71, NEAR TRUCK TERMINAL  
IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P

**Sampler used** : Samples collected by J R Labs Analyzed under : Olympus make, Japan,  
using Spectro : SLE-PS-154 : II B X 40 Phase Contrast  
Personal Sampler Microscope

**Flow rate** : 1.0 L P M **Specifications** : As per A I A - R T M I  
**Sampling Duration** : 60 minutes & IS : 11450 – Membrane  
Filter Method

### PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & P C B = 0.1 fibre per cc of air.

| Sl. No. | Date of sampling | Location                                | Condition                                                                                         | Dust concentration fibre /cc of air | Remarks |
|---------|------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------|---------|
| 12      | 25.10.2024       | <u>Static</u><br>Work Zone of the Plant | The Static sample is collected from near Production Office during the production of F C C Sheets. | < 0.1<br>(0.072)                    | ---     |

For J R LABS

Research Fibre Analyst



# JR LABS

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30.10.2024

## REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

**Project** : M/s. RAMCO INDUSTRIES Ltd.,  
R S No. 71, NEAR TRUCK TERMINAL  
IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P

**Sampler used** : Samples collected by J R Labs  
using Spectro : SLE-PS-154 : I,  
Spectro : SLE-PS-154 : III &  
Casella : T13180 – II  
Personal Sampler

**Analyzed under** : Olympus make, Japan,  
B X 40 Phase Contrast  
Microscope

**Flow rate** : 1.0 L P M

**Sampling Duration** : 60 minutes each

**Specifications** : As per A I A - R T M I  
& IS : 11450 - Membrane  
Filter Method

### PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & P C B = 0.1 fibre per cc of air.

| Sl. No. | Date of sampling | Location                                                                          | Condition                                                                                                                                                                                       | Dust concentration fibre /cc of air | Remarks |
|---------|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------|
| 13      | 26.10.2024       | <u>Static</u><br><b>Ambient Air :-</b><br>Near Stock Yard –<br>Sheet Loading Area | The Static sample is collected from near Stock Yard – Sheet Loading Area during loading of F C C Sheets in to the Trucks. Trucks were getting loaded with Sheets during the period of sampling. | < 0.1<br>(0.096)                    | ---     |
| 14      | 26.10.2024       | <u>Static</u><br><b>Ambient Air :-</b><br>Near Main Gate-<br>Security Office      | The Static sample is collected from near Main Gate – Security Office. Plant was in production of F C C Sheets.                                                                                  | < 0.1<br>(0.076)                    | ---     |
| 15      | 26.10.2024       | <u>Static</u><br><b>Ambient Air :-</b><br>Near Canteen                            | The Static sample is collected from near Canteen. Plant was in production of F C C Sheets.                                                                                                      | < 0.1<br>(0.088)                    | ---     |

For J R LABS

Research Fibre Analyst

# B-305 & 309, Vasudha Apartments,  
Quthubullapur Road, New Jeedimetla,  
HYDERABAD - 500 067,  
TELANGANA, INDIA.



AN ISO 9001 : 2008 CERTIFIED LAB

☎ : 040-42300546, 27230750, 27230966

Fax : 040-23775321

E-mail : jrlabs@gmail.com

jrlabs@rediffmail.com

jr.labs@yahoo.in



Factory : R.S.No. 71, Near Truck Terminal, Ibrahimpatnam - 521 456, Krishna Dist. A.P.  
☎ : 2882055, 2882056 Fax : 0866 - 2882058 CIN : L26943TN1965PLC005297

OFFICE COPY

Ref. No PCB/Amb March'25  
03.04.2025

The Environmental Engineer,  
Andhra Pradesh Pollution Control Board,  
Regional Office  
Plot No.41, Sri Kanakadurga Officers' Colony  
Gurunanak Road, Vijayawada - 8.

<Dial 18002666868> <Wear mask -Stay safe>

RN542939702IN IVR:8278542939702  
RL VTPS S.O <521456>  
Counter No:2,04/04/2025,13:14  
To:THE ENVIRONME,A P P C BOARD  
PIN:520008, Vj Polytechnic S.O  
From:RAMCO INDUSTRIES L T D,I B M  
Wt:60gms,REG=17.0  
Amt:37.76,Tax:5.76,Amt.Paid:38.00(Cash)  
<Track on [www.indiapost.gov.in](http://www.indiapost.gov.in)>

Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

We submit herewith the copy of reports for the month of March'25 for your reference.

1. Ambient air quality data-test report date: 06.03.2025
2. Stack monitoring data-test report date: 06.03.2025 (stack attached to cement silo)
3. Stack monitoring data-test report date: 06.03.2025 (stack attached to fiber bag machine)
4. Stack monitoring data-test report date: 06.03.2025 (stack attached to DG set)
5. Dust (Fugitive) emission monitoring date report date 06.03.2025 (Cement and Fly ash storage silo area)
6. Noise Level test report date : 06.03.2025
7. Fiber concentrations dust levels report date: 15.03.2025
8. Air Ambient Quality Monitoring Reading March'2025

Kindly acknowledge receipt.

Thanking you,  
Yours faithfully,  
For Ramco Industries Limited

  
[P. Ananda Rao]  
DGM-Works



Regd. Office : 47, P.S.K. Nagar, Rajapalayam - 626 108, India.

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004.

☎ +91 44 2847 8585, [www.ramcoindltd.com](http://www.ramcoindltd.com), ✉ [ril@ril.co.in](mailto:ril@ril.co.in)

**Registered Office :** B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

**Branch Office :** # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/AAQ/2025

Date: 06-03-2025

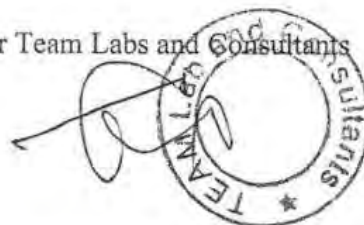
### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.  
Date of monitoring : 01-03-2025  
Ambient Temperature : 36° C  
Atmospheric condition : Clear

| Sl. No. | Location            | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|---------|---------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.      | Near Admn. building | 50                                       | 27                                        | 8.4                                     | 18.0                                    |
| 2.      | Near security gate  | 67                                       | 34                                        | 9.5                                     | 21.6                                    |
| 3.      | Near Guest House    | 45                                       | 22                                        | 8.2                                     | 17.8                                    |
| 4.      | Near Cone tank area | 58                                       | 30                                        | 9.0                                     | 20.5                                    |
| 5.      | A.P.P.C.B Limits    | 100                                      | 60                                        | 80                                      | 80                                      |

PM<sub>10</sub> : Particulate Matter (size less than 10 µm)  
PM<sub>2.5</sub> : Particulate Matter (size less than 2.5 µm)  
SO<sub>2</sub> : Sulphur Dioxide  
NO<sub>x</sub> : Oxides of Nitrogen

For Team Labs and Consultants



**(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)**

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986

NABL Accredited Laboratory (Certificate No. TC-15028)

EIA Consultancy Accredited by NABET, Quality Council of India.

**Registered Office :** B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 06-03-2025

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Cement Silo after Bag filter  
Date of Monitoring : 01-03-2025  
Time of Monitoring : 12.15 P.M.

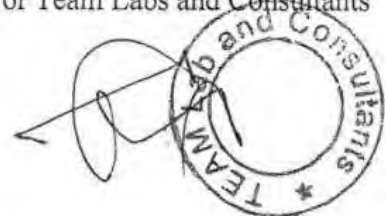
1. Stack Diameter (m) : 0.40  
2. Stack cross sectional area (sq m) : 0.125  
3. Flue gas temperature : 52°C  
4. Exit Velocity of flue gases (m/sec): 10.26  
5. Flow rate (Nm<sup>3</sup>/hr) : 4233.43

#### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 21.6

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

For Team Labs and Consultants



# TEAM

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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 06-03-2025

## STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71,Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Fibre bag machine after bag filter  
Date of Monitoring : 01-03-2025  
Time of Monitoring : 10.30 A.M.

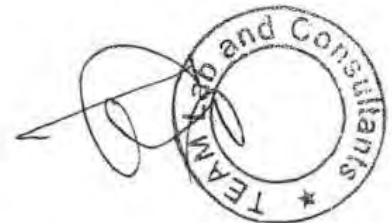
1. Stack Diameter (m) : 0.25  
2. Stack cross sectional area (sq m) : 0.049  
3. Flue gas temperature : 50°C  
4. Exit Velocity of flue gases (m/sec): 11.05  
5. Flow rate (Nm<sup>3</sup>/hr) : 1798.35

### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 1.1

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

For Team Labs and Consultants



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# TEAM

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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 06-03-2025

## STACK MONITORING DATA

Name of the Industry : M/s.**RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to 750 KVA D.G. Set  
Date of Monitoring : 01-03-2025  
Time of Monitoring : 3.15 P.M.

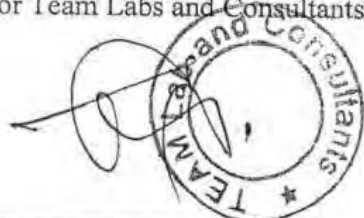
1. Stack Diameter (m) : 0.20  
2. Stack cross sectional area (sq m) : 0.03  
3. Flue gas temperature : 269°C  
4. Exit Velocity of flue gases (m/sec): 12.88  
5. Flow rate (Nm<sup>3</sup>/hr) : 764.81

### Emission Data

6. Particulate Matter : 28.6  
7. Sulphur dioxide : 25  
8. Oxides of Nitrogen (PPM) : 149  
9. Carbon monoxide : 110

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

For Team Labs and Consultants



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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/DE/2025

Date: 06-03-2025

### TEST REPORT

### DUST (FUGITIVE) EMISSION MONITORING DATA

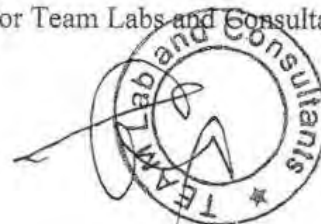
Name of the Industry : M/s. RAMCO INDUSTRIES LIMITED  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpatnam – 521 456  
Krishna (Dt). A.P.

Date of Monitoring : 02-03-2025  
Ambient Temperature : 35°C

| Sl. No | Location                  | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|--------|---------------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.     | Cement Storage silo area  | 69                                       | 35                                        | 9.6                                     | 21.2                                    |
| 2.     | Fly ash Storage silo area | 74                                       | 38                                        | 9.8                                     | 21.5                                    |

PM<sub>10</sub> : Particulate Matter (Size less than 10 µm)  
PM<sub>2.5</sub> : Particulate Matter (Size less than 2.5 µm)  
SO<sub>2</sub> : Sulphur Dioxide  
NO<sub>x</sub> : Oxides of Nitrogen

For Team Labs and Consultants



# TEAM

**Labs and Consultants**

**Registered Office :** B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

**Branch Office :** # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/NL/2025

Date: 06-03-2025

## TEST REPORT

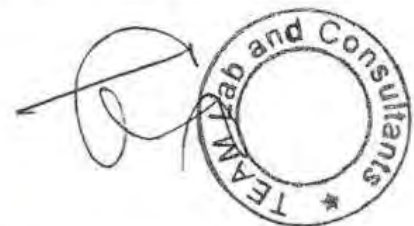
### NOISE LEVELS

Name of the Industry : **M/s. RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpatnam - 521 456  
Krishna (Dt). A.P.  
  
Sample Particulars : **Noise Levels**  
Date of Monitoring : **01-03-2025**

| S.No | Location            | Noise Levels dB(A) |            |
|------|---------------------|--------------------|------------|
|      |                     | Day Time           | Night Time |
| 1.   | Near Work Zone Area | 69.8               | 69.2       |
| 2.   | Near Pulveriser     | 70.4               | 69.5       |
| 3.   | Near Main Gate      | 59.5               | 54.8       |
| 4.   | Near Canteen        | 58.2               | 55.4       |
| 5.   | Near Scrap Yard     | 62.6               | 59.0       |

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

For Team Labs and Consultants



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EIA Consultancy Accredited by NABET, Quality Council of India.

**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

**TEST REPORT**

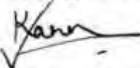
|                              |                                                                                      |                      |                                                                |
|------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|
| Test Certificate No. & Date  | RIL-MTL/2024-2025/12/002 & 15/03/2025                                                |                      |                                                                |
| Status of Report             | Full                                                                                 |                      |                                                                |
| Issue No./Amendment No.      | 01/00                                                                                |                      |                                                                |
| Customer Name                | M/s Ramco Industries Limited,                                                        |                      |                                                                |
| Customer Address             | No:71, Near Truck Terminal, Krishna District, AP, Ibrahimpatnam, Vijayawada - 521456 |                      |                                                                |
| Reference No. if any         | VJD/03-25                                                                            |                      |                                                                |
| <u>Sample Description:</u>   |                                                                                      |                      |                                                                |
| Discipline                   | Chemical                                                                             | Group/ Sub Group     | Atmospheric Pollution/ Work Environment and Indoor air quality |
| Product                      | Airborne asbestos fibres                                                             | Flow Rate (ml/min)   | 1000                                                           |
| Source of Sample for testing | Supplied by the customer                                                             | Sample Receipt Date  | 10/03/2025                                                     |
| Sampling Duration            | 240 mins                                                                             | Test Started Date    | 14/03/2025                                                     |
| Quantity of Sample           | 10 Nos                                                                               | Test completed Date  | 15/03/2025                                                     |
| Condition of Sample          | Acceptable                                                                           | Test Method followed | IS 11450 : 2006                                                |

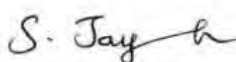
**TEST RESULTS FIBRE COUNT CONCENTRATION**

| Sl. No | Sampling Date | location        | Static/Personal | Fibre Count (Nos) | Fibre Concentration (f/cc) |
|--------|---------------|-----------------|-----------------|-------------------|----------------------------|
| 1      | 04.03.2025    | Fibre Godown    | Static          | 13                | 0.029                      |
| 2      | 04.03.2025    | Fibre Mill      | Personal        | 14                | 0.031                      |
| 3      | 04.03.2025    | Slurry Mixer    | Personal        | 10                | 0.022                      |
| 4      | 04.03.2025    | Sheet Machine   | Static          | 12                | 0.026                      |
| 5      | 05.03.2025    | Moulding        | Personal        | 10                | 0.022                      |
| 6      | 05.03.2025    | Corrugator      | Static          | 11                | 0.024                      |
| 7      | 05.03.2025    | Loading Area    | Personal        | 13                | 0.029                      |
| 8      | 06.03.2025    | QC Laboratory   | Personal        | 8                 | 0.018                      |
| 9      | 06.03.2025    | Pulverizer      | Static          | 14                | 0.031                      |
| 10     | 06.03.2025    | Salvage Machine | Personal        | 15                | 0.033                      |

**Remarks:**

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.

  
Reviewed by  
V.Kannan  
(Technical Manager)

  
Authorized By  
S.Jayaprakash  
(Lab Head)

**\*\*\*END OF THE REPORT\*\*\***

*Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report*

**Ramco Industries Limited**  
**Ibrahimpattanam, Krishna District.**

**AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF MARCH 2025**

| Date       | Near Security gate |        | Near Admin Building |        | Near Cone Tank Area |        |
|------------|--------------------|--------|---------------------|--------|---------------------|--------|
|            | PM10               | PM 2.5 | PM10                | PM 2.5 | PM10                | PM 2.5 |
| 01-03-2025 | 40                 | 28     | 50                  | 19     | 51                  | 33     |
| 02-03-2025 | 45                 | 26     | 53                  | 23     | 50                  | 30     |
| 03-03-2025 | 43                 | 27     | 56                  | 21     | 53                  | 28     |
| 04-03-2025 | 52                 | 23     | 46                  | 20     | 49                  | 30     |
| 05-03-2025 | 53                 | 22     | 43                  | 20     | 59                  | 30     |
| 06-03-2025 | 48                 | 29     | 50                  | 19     | 58                  | 29     |
| 07-03-2025 | 52                 | 32     | 48                  | 23     | 53                  | 33     |
| 08-03-2025 | 46                 | 26     | 50                  | 19     | 45                  | 20     |
| 09-03-2025 | 51                 | 26     | 52                  | 18     | 43                  | 19     |
| 10-03-2025 | 46                 | 28     | 49                  | 18     | 53                  | 19     |
| 11-03-2025 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 12-03-2025 | 40                 | 26     | 50                  | 19     | 45                  | 20     |
| 13-03-2025 | 56                 | 26     | 52                  | 18     | 43                  | 19     |
| 14-03-2025 | 59                 | 22     | 46                  | 20     | 59                  | 30     |
| 15-03-2025 | 48                 | 29     | 49                  | 19     | 61                  | 29     |
| 16-03-2025 | 58                 | 33     | 48                  | 23     | 53                  | 33     |
| 17-03-2025 | 46                 | 26     | 48                  | 19     | 45                  | 20     |
| 18-03-2025 | 48                 | 23     | 45                  | 20     | 49                  | 30     |
| 19-03-2025 | 54                 | 22     | 43                  | 20     | 59                  | 30     |
| 20-03-2025 | 48                 | 29     | 50                  | 19     | 58                  | 29     |
| 21-03-2025 | 52                 | 32     | 48                  | 23     | 53                  | 33     |
| 22-03-2025 | 46                 | 26     | 50                  | 19     | 45                  | 20     |
| 23-03-2025 | 48                 | 26     | 52                  | 18     | 43                  | 19     |
| 24-03-2025 | 46                 | 28     | 49                  | 18     | 53                  | 19     |
| 25-03-2025 | 49                 | 26     | 52                  | 18     | 43                  | 19     |
| 26-03-2025 | 43                 | 24     | 43                  | 19     | 46                  | 18     |
| 27-03-2025 | 50                 | 26     | 50                  | 20     | 56                  | 23     |
| 28-03-2025 | 48                 | 29     | 48                  | 22     | 40                  | 20     |
| 29-03-2025 | 46                 | 28     | 49                  | 18     | 56                  | 19     |
| 30-03-2025 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 31-03-2025 | 40                 | 26     | 50                  | 19     | 45                  | 20     |

  
N. Sai Kiran  
Asst. Manager - Quality

For RAMCO INDUSTRIES LTD.,  
  
P. ANAND RAO  
Dy. General Manager (Works)



Factory : R.S.No. 71, Near Truck Terminal, Ibrahimpattam - 521 456, Krishna Dist. A.P.  
☎ : 2882055, 2882056 Fax : 0866 - 2882058 CIN : L26943TN1965PLC005297

OFFICE COPY

Ref. No PCB/Amb February'25  
05.03.2025

The Environmental Engineer,  
Andhra Pradesh Pollution Control Board,  
Regional Office  
Plot No.41, Sri Kanakadurga Officers' Colony  
Gurunanak Road, Vijayawada - 8.

RECEIVED  
ANDHRA PRADESH POLLUTION CONTROL BOARD  
REGIONAL OFFICE  
VIJAYAWADA  
05/03/2025



Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

We submit herewith the copy of reports for the month of <sup>February</sup> ~~January~~ 25 for your reference.

1. Ambient air quality data-test report date: 10.02.2025
2. Stack monitoring data-test report date: 10.02.2025 (stack attached to cement silo)
3. Stack monitoring data-test report date: 10.02.2025 (stack attached to fiber bag machine)
4. Stack monitoring data-test report date: 10.02.2025 (stack attached to DG set)
5. Dust (Fugitive) emission monitoring date report date 10.02.2025 (Cement and Fly ash storage silo area)
6. Noise Level test report date : 10.02.2025
7. Fiber concentrations dust levels report date: 18.02.2025
8. Air Ambient Quality Monitoring Reading February'2025

Kindly acknowledge receipt.

Thanking you,  
Yours faithfully,  
For Ramco Industries Limited

  
[P. Ananda Rao]  
DGM-Works



Regd. Office : 47, P.S.K. Nagar, Rajapalayam - 626 108, India.

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004.

☎ +91 44 2847 8585, www.ramcoindltd.com; ✉ ril@ril.co.in

# TEAM

## Labs and Consultants

Registered Office : B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/AAQ/2025

Date: 10-02-2025

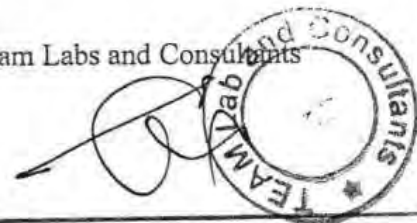
### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.  
Date of monitoring : 05-02-2025  
Ambient Temperature : 34° C  
Atmospheric condition : Clear

| Sl. No. | Location            | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|---------|---------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.      | Near Admn. building | 47                                       | 24                                        | 7.8                                     | 17.5                                    |
| 2.      | Near security gate  | 62                                       | 30                                        | 9.0                                     | 20.2                                    |
| 3.      | Near Guest House    | 41                                       | 19                                        | 7.4                                     | 17.0                                    |
| 4.      | Near Cone tank area | 56                                       | 27                                        | 8.2                                     | 19.4                                    |
| 5.      | A.P.P.C.B Limits    | 100                                      | 60                                        | 80                                      | 80                                      |

PM<sub>10</sub> : Particulate Matter (size less than 10 µm)  
PM<sub>2.5</sub> : Particulate Matter (size less than 2.5 µm)  
SO<sub>2</sub> : Sulphur Dioxide  
NO<sub>x</sub> : Oxides of Nitrogen

For Team Labs and Consultants



(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)  
Recognised as Environmental Laboratory under Environmental (Protection) Act 1986  
NABL Accredited Laboratory (Certificate No. TC-12956)  
EIA Consultancy Accredited by NABET, Quality Council of India.

# TEAM

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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 10-02-2025

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Cement Silo after Bag filter  
Date of Monitoring : 05-02-2025  
Time of Monitoring : 10.45 A.M.

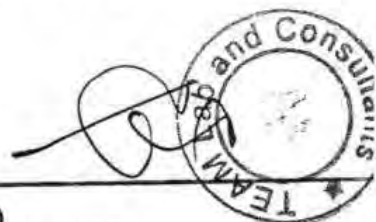
1. Stack Diameter (m) : 0.40  
2. Stack cross sectional area (sq m) : 0.125  
3. Flue gas temperature : 51°C  
4. Exit Velocity of flue gases (m/sec): 10.52  
5. Flow rate (Nm<sup>3</sup>/hr) : 4354.11

#### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 22.4

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

For Team Labs and Consultants



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Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 10-02-2025

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpatnam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Fibre bag machine after bag filter  
Date of Monitoring : 05-02-2025  
Time of Monitoring : 2.15 P.M.

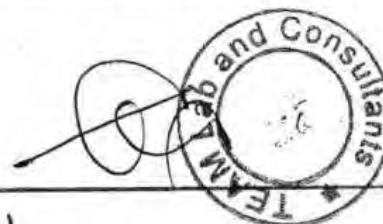
1. Stack Diameter (m) : 0.25  
2. Stack cross sectional area (sq m) : 0.049  
3. Flue gas temperature : 48°C  
4. Exit Velocity of flue gases (m/sec): 11.27  
5. Flow rate (Nm<sup>3</sup>/hr) : 1845.58

### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 1.3

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

For Team Labs and Consultants



(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)  
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# TEAM

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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 10-02-2025

### STACK MONITORING DATA

Name of the Industry : M/s.**RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71,Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to 750 KVA D.G. Set  
Date of Monitoring : 05-02-2025  
Time of Monitoring : 4.00 P.M.

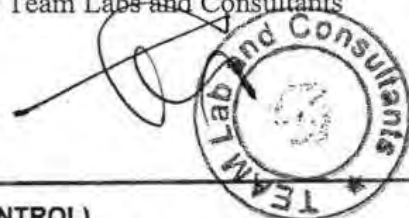
1. Stack Diameter (m) : 0.20  
2. Stack cross sectional area (sq m) : 0.03  
3. Flue gas temperature : 272°C  
4. Exit Velocity of flue gases (m/sec): 13.28  
5. Flow rate (Nm<sup>3</sup>/hr) : 784.22

### Emission Data

6. Particulate Matter : 30.2  
7. Sulphur dioxide : 28  
8. Oxides of Nitrogen (PPM) : 156  
9. Carbon monoxide : 115

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

For Team Labs and Consultants



**(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)**

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986

NABL Accredited Laboratory (Certificate No. TC-12956)

EIA Consultancy Accredited by NABET, Quality Council of India.

**Registered Office :** B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/DE/2025

Date: 10-02-2025

## **TEST REPORT**

### **DUST (FUGITIVE) EMISSION MONITORING DATA**

Name of the Industry : **M/s. RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam - 521 456  
Krishna (Dt). A.P.

Date of Monitoring : 06-02-2025  
Ambient Temperature : 33°C

| Sl. No | Location                  | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|--------|---------------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.     | Cement Storage silo area  | 73                                       | 36                                        | 9.2                                     | 20.4                                    |
| 2.     | Fly ash Storage silo area | 77                                       | 40                                        | 9.5                                     | 20.8                                    |

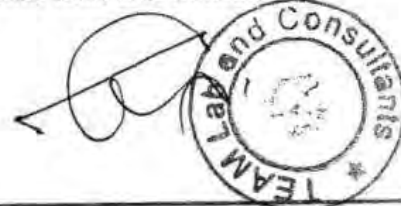
PM<sub>10</sub> : Particulate Matter (Size less than 10 µm)

PM<sub>2.5</sub> : Particulate Matter (Size less than 2.5 µm)

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

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

For Team Labs and Consultants



**(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)**

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986

NABL Accredited Laboratory (Certificate No. TC-12956)

EIA Consultancy Accredited by NABET, Quality Council of India.

# TEAM

## Labs and Consultants

Registered Office : B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/NL/2025

Date: 10-02-2025

### TEST REPORT

### NOISE LEVELS

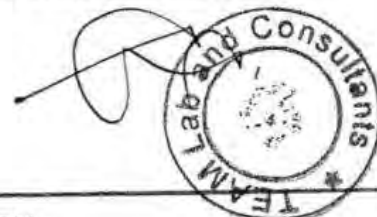
Name of the Industry : M/s. RAMCO INDUSTRIES LIMITED  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam - 521 456  
Krishna (Dt). A.P.

Sample Particulars : Noise Levels  
Date of Monitoring : 05-02-2025

| S.No | Location            | Noise Levels dB(A) |            |
|------|---------------------|--------------------|------------|
|      |                     | Day Time           | Night Time |
| 1.   | Near Work Zone Area | 70.2               | 69.5       |
| 2.   | Near Pulveriser     | 70.6               | 69.8       |
| 3.   | Near Main Gate      | 59.8               | 55.4       |
| 4.   | Near Canteen        | 58.5               | 56.0       |
| 5.   | Near Scrap Yard     | 62.0               | 58.6       |

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

For Team Labs and Consultants



(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)  
Recognised as Environmental Laboratory under Environmental (Protection) Act 1986  
NABL Accredited Laboratory (Certificate No. TC-12956)  
EIA Consultancy Accredited by NABET, Quality Council of India.

**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

**TEST REPORT**

|                              |                                                                                      |                      |                                                                |
|------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|
| Test Certificate No. & Date  | RIL-MTL/2024-2025/11/004 & 18/02/2025                                                |                      |                                                                |
| Status of Report             | Full                                                                                 |                      |                                                                |
| Issue No./Amendment No.      | 01/00                                                                                |                      |                                                                |
| Customer Name                | M/s Ramco Industries Limited,                                                        |                      |                                                                |
| Customer Address             | No:71, Near Truck Terminal, Krishna District, AP, Ibrahimpatnam, Vijayawada - 521456 |                      |                                                                |
| Reference No. if any         | VJD/02-25                                                                            |                      |                                                                |
| <u>Sample Description:</u>   |                                                                                      |                      |                                                                |
| Discipline                   | Chemical                                                                             | Group/ Sub Group     | Atmospheric Pollution/ Work Environment and Indoor air quality |
| Product                      | Airborne asbestos fibres                                                             | Flow Rate (ml/min)   | 1000                                                           |
| Source of Sample for testing | Supplied by the customer                                                             | Sample Receipt Date  | 13/02/2025                                                     |
| Sampling Duration            | 240 mins                                                                             | Test Started Date    | 17/02/2025                                                     |
| Quantity of Sample           | 10 Nos                                                                               | Test completed Date  | 18/02/2025                                                     |
| Condition of Sample          | Acceptable                                                                           | Test Method followed | IS 11450 : 2006                                                |

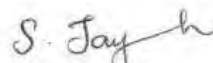
**TEST RESULTS FIBRE COUNT CONCENTRATION**

| Sl. No | Sampling Date | location        | Static/Personal | Fibre Count (Nos) | Fibre Concentration (f/cc) |
|--------|---------------|-----------------|-----------------|-------------------|----------------------------|
| 1      | 03.02.2025    | Fibre Godown    | Static          | 15                | 0.033                      |
| 2      | 04.02.2025    | Fibre Mill      | Personal        | 18                | 0.040                      |
| 3      | 03.02.2025    | Slurry Mixer    | Personal        | 13                | 0.029                      |
| 4      | 04.02.2025    | Sheet Machine   | Static          | 10                | 0.022                      |
| 5      | 04.02.2025    | Moulding        | Personal        | 12                | 0.026                      |
| 6      | 04.02.2025    | Corrugator      | Static          | 9                 | 0.020                      |
| 7      | 03.02.2025    | Loading Area    | Personal        | 11                | 0.024                      |
| 8      | 05.02.2025    | QC Laboratory   | Personal        | 7                 | 0.015                      |
| 9      | 04.02.2025    | Pulverizer      | Static          | 16                | 0.035                      |
| 10     | 03.02.2025    | Salvage Machine | Personal        | 11                | 0.024                      |

**Remarks:**

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.

  
Reviewed by  
V.Kannan  
(Technical Manager)

  
Authorized By  
S.Jayaprakash  
(Lab Head)

**\*\*\*END OF THE REPORT\*\*\***

Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report

**Ramco Industries Limited**  
**Ibrahimpattam, Krishna District.**

**AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF FEBRUARY 2025**

| Date       | Near Security gate |        | Near Admin Building |        | Near Cone Tank Area |        |
|------------|--------------------|--------|---------------------|--------|---------------------|--------|
|            | PM10               | PM 2.5 | PM10                | PM 2.5 | PM10                | PM 2.5 |
| 01-02-2025 | 40                 | 28     | 50                  | 19     | 51                  | 33     |
| 02-02-2025 | 45                 | 26     | 53                  | 23     | 50                  | 30     |
| 03-02-2025 | 43                 | 27     | 56                  | 21     | 53                  | 28     |
| 04-02-2025 | 52                 | 23     | 46                  | 20     | 49                  | 30     |
| 05-02-2025 | 53                 | 22     | 43                  | 20     | 59                  | 30     |
| 06-02-2025 | 48                 | 29     | 50                  | 19     | 58                  | 29     |
| 07-02-2025 | 52                 | 32     | 48                  | 23     | 53                  | 33     |
| 08-02-2025 | 46                 | 26     | 50                  | 19     | 45                  | 20     |
| 09-02-2025 | 51                 | 26     | 52                  | 18     | 43                  | 19     |
| 10-02-2025 | 46                 | 28     | 49                  | 18     | 53                  | 19     |
| 11-02-2025 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 12-02-2025 | 40                 | 26     | 50                  | 19     | 45                  | 20     |
| 13-02-2025 | 56                 | 26     | 52                  | 18     | 43                  | 19     |
| 14-02-2025 | 59                 | 22     | 46                  | 20     | 59                  | 30     |
| 15-02-2025 | 48                 | 29     | 49                  | 19     | 61                  | 29     |
| 16-02-2025 | 58                 | 33     | 48                  | 23     | 53                  | 33     |
| 17-02-2025 | 46                 | 26     | 48                  | 19     | 45                  | 20     |
| 18-02-2025 | 48                 | 23     | 45                  | 20     | 49                  | 30     |
| 19-02-2025 | 54                 | 22     | 43                  | 20     | 59                  | 30     |
| 20-02-2025 | 48                 | 29     | 50                  | 19     | 58                  | 29     |
| 21-02-2025 | 52                 | 32     | 48                  | 23     | 53                  | 33     |
| 22-02-2025 | 46                 | 26     | 50                  | 19     | 45                  | 20     |
| 23-02-2025 | 48                 | 26     | 52                  | 18     | 43                  | 19     |
| 24-02-2025 | 46                 | 28     | 49                  | 18     | 53                  | 19     |
| 25-02-2025 | 49                 | 26     | 52                  | 18     | 43                  | 19     |
| 26-02-2025 | 43                 | 24     | 43                  | 19     | 46                  | 18     |
| 27-02-2025 | 50                 | 26     | 50                  | 20     | 56                  | 23     |
| 28-02-2025 | 48                 | 29     | 48                  | 22     | 40                  | 20     |

  
N. Sai Kiran  
Asst. Manager - Quality

For RAMCO INDUSTRIES LTD.,

  
P. ANANDA RAO  
Dy. General Manager (Works)



Factory : R.S.No. 71, Near Truck Terminal, Ibrahimpatnam - 521 456, Krishna Dist. A.P.  
☎ : 2882055, 2882056 Fax : 0866 - 2882058 CIN : L26943TN1965PLC005297

OFFICE COPY

Ref. No PCB/Amb January'25  
04.02.2025

The Environmental Engineer,  
Andhra Pradesh Pollution Control Board,  
Regional Office  
Plot No.41, Sri Kanakadurga Officers' Colony  
Gurunanak Road, Vijayawada - 8.



Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

We submit herewith the copy of reports for the month of January'25 for your reference.

1. Ambient air quality data-test report date: 07.01.2025
2. Stack monitoring data-test report date: 07.01.2025 (stack attached to cement silo)
3. Stack monitoring data-test report date: 07.01.2025 (stack attached to fiber bag machine)
4. Stack monitoring data-test report date: 07.01.2025 (stack attached to DG set)
5. Dust (Fugitive) emission monitoring date report date 07.01.2025 (Cement and Fly ash storage silo area)
6. Noise Level test report date : 07.01.2025
7. Fiber concentrations dust levels report date: 21.01.2025
8. Air Ambient Quality Monitoring Reading January'2025

Kindly acknowledge receipt.

Thanking you,  
Yours faithfully,  
For Ramco Industries Limited

  
[P. Ananda Rao]

Dy. General Manager Works



Regd. Office : 47, P.S.K. Nagar, Rajapalayam - 626 108, India.

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004.

☎ +91 44 2847 8585, [www.ramcoindltd.com](http://www.ramcoindltd.com), ✉ [ril@ril.co.in](mailto:ril@ril.co.in)

**TEAM****Labs and Consultants**

Registered Office : B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/AAQ/2025

Date: 07-01-2025

**AMBIENT AIR QUALITY DATA**

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpatnam -521 456  
Krishna (Dt). A.P.  
Date of monitoring : 03-01-2025  
Ambient Temperature : 31° C  
Atmospheric condition : Clear

| Sl. No. | Location            | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|---------|---------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.      | Near Admn. building | 49                                       | 25                                        | 8.0                                     | 17.8                                    |
| 2.      | Near security gate  | 65                                       | 32                                        | 9.2                                     | 20.6                                    |
| 3.      | Near Guest House    | 43                                       | 21                                        | 7.5                                     | 17.4                                    |
| 4.      | Near Cone tank area | 54                                       | 28                                        | 8.6                                     | 19.5                                    |
| 5.      | A.P.P.C.B Limits    | 100                                      | 60                                        | 80                                      | 80                                      |

PM<sub>10</sub> : Particulate Matter (size less than 10 µm)  
PM<sub>2.5</sub> : Particulate Matter (size less than 2.5 µm)  
SO<sub>2</sub> : Sulphur Dioxide  
NO<sub>x</sub> : Oxides of Nitrogen

For Team Labs and Consultants

**(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)**

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986

NABL Accredited Laboratory (Certificate No. TC-12956)

EIA Consultancy Accredited by NABET, Quality Council of India.

# TEAM

## Labs and Consultants

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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 07-01-2025

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Cement Silo after Bag filter  
Date of Monitoring : 03-01-2025  
Time of Monitoring : 11.15 A.M.

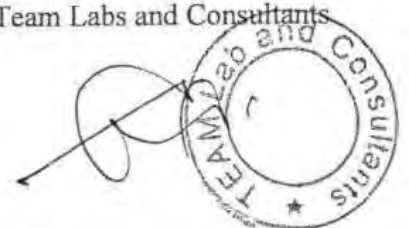
1. Stack Diameter (m) : 0.40
2. Stack cross sectional area (sq m) : 0.125
3. Flue gas temperature : 49°C
4. Exit Velocity of flue gases (m/sec): 10.2
5. Flow rate (Nm<sup>3</sup>/hr) : 4247.88

#### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 23.8

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

For Team Labs and Consultants



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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 07-01-2025

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Fibre bag machine after bag filter  
Date of Monitoring : 03-01-2025  
Time of Monitoring : 2.00 P.M.

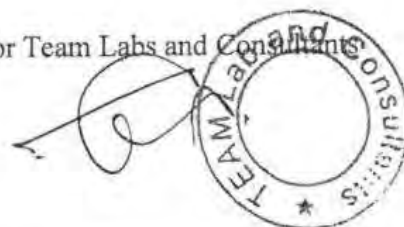
1. Stack Diameter (m) : 0.25  
2. Stack cross sectional area (sq m) : 0.049  
3. Flue gas temperature : 46°C  
4. Exit Velocity of flue gases (m/sec): 10.98  
5. Flow rate (Nm<sup>3</sup>/hr) : 1809.36

### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 1.0

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

For Team Labs and Consultants



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# TEAM

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Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2025

Date: 07-01-2025

## STACK MONITORING DATA

Name of the Industry : M/s.**RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to 750 KVA D.G. Set  
Date of Monitoring : 03-01-2025  
Time of Monitoring : 3.45 P.M.

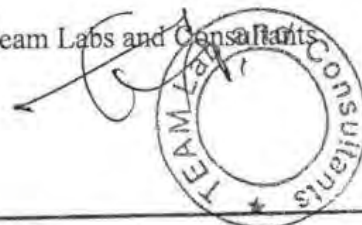
1. Stack Diameter (m) : 0.20  
2. Stack cross sectional area (sq m) : 0.03  
3. Flue gas temperature : 268°C  
4. Exit Velocity of flue gases (m/sec): 12.86  
5. Flow rate (Nm<sup>3</sup>/hr) : 765.03

### Emission Data

6. Particulate Matter : 29.5  
7. Sulphur dioxide : 27  
8. Oxides of Nitrogen (PPM) : 150  
9. Carbon monoxide : 112

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

For Team Labs and Consultants



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Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/DE/2025

Date: 07-01-2025

### TEST REPORT

#### DUST (FUGITIVE) EMISSION MONITORING DATA

Name of the Industry : **M/s. RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam – 521 456  
Krishna (Dt). A.P.

Date of Monitoring : 04-01-2024  
Ambient Temperature : 30°C

| Sl. No | Location                  | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|--------|---------------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.     | Cement Storage silo area  | 76                                       | 38                                        | 9.4                                     | 21.0                                    |
| 2.     | Fly ash Storage silo area | 79                                       | 43                                        | 9.6                                     | 21.5                                    |

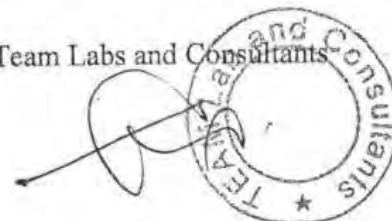
PM<sub>10</sub> : Particulate Matter (Size less than 10 µm)

PM<sub>2.5</sub> : Particulate Matter (Size less than 2.5 µm)

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

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

For Team Labs and Consultants



**(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)**

Recognised as Environmental Laboratory under Environmental (Protection) Act 1986

NABL Accredited Laboratory (Certificate No. TC-12956)

EIA Consultancy Accredited by NABET, Quality Council of India.

# TEAM

## Labs and Consultants

Registered Office : B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/NL/2025

Date: 07-01-2025

### TEST REPORT

### NOISE LEVELS

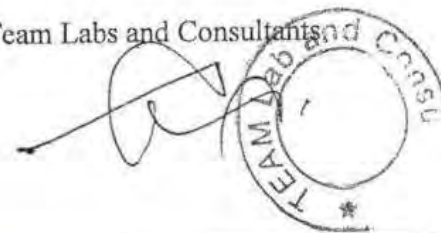
Name of the Industry : M/s. RAMCO INDUSTRIES LIMITED  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam - 521 456  
Krishna (Dt). A.P.

Sample Particulars : Noise Levels  
Date of Monitoring : 03-01-2025

| S.No | Location            | Noise Levels dB(A) |            |
|------|---------------------|--------------------|------------|
|      |                     | Day Time           | Night Time |
| 1.   | Near Work Zone Area | 70.0               | 69.4       |
| 2.   | Near Pulveriser     | 70.5               | 69.6       |
| 3.   | Near Main Gate      | 59.2               | 55.0       |
| 4.   | Near Canteen        | 58.6               | 56.2       |
| 5.   | Near Scrap Yard     | 62.4               | 58.8       |

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

For Team Labs and Consultants



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NABL Accredited Laboratory (Certificate No. TC-12956)  
EIA Consultancy Accredited by NABET, Quality Council of India.

**(Material Testing Laboratory)**

Address: No.17, Winterpet Post, Arakkonam, Tamil Nadu, India.

Pin code-631 005, Phone No. 04177 224932.

**TEST REPORT**

|                              |                                                                                      |                      |                                                                |
|------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|
| Certificate No. & Date       | RIL/MTL/2024-2025/10/009 & 21/01/2025                                                |                      |                                                                |
| Status of Report             | Full                                                                                 |                      |                                                                |
| Issue No./Amendment No.      | 01/00                                                                                |                      |                                                                |
| Customer Name                | M/s Ramco Industries Limited,                                                        |                      |                                                                |
| Customer Address             | No:71, Near Truck Terminal, Krishna District, AP, Ibrahimpatnam, Vijayawada - 521456 |                      |                                                                |
| Reference No. if any         | VJD/01-25                                                                            |                      |                                                                |
| <u>Sample Description:</u>   |                                                                                      |                      |                                                                |
| Discipline                   | Chemical                                                                             | Group/ Sub Group     | Atmospheric Pollution/ Work Environment and Indoor air quality |
| Product                      | Airborne asbestos fibres                                                             | Flow Rate (ml/min)   | 1000                                                           |
| Source of Sample for testing | Supplied by the customer                                                             | Sample Receipt Date  | 13/01/2025                                                     |
| Sampling Duration            | 240 mins                                                                             | Test Started Date    | 20/01/2025                                                     |
| Quantity of Sample           | 10 Nos                                                                               | Test completed Date  | 21/01/2025                                                     |
| Condition of Sample          | Acceptable                                                                           | Test Method followed | IS 11450 : 2006                                                |

**TEST RESULTS FIBRE COUNT CONCENTRATION**

| Sl. No | Sampling Date | location        | Static/Personal | Fibre Count (Nos) | Fibre Concentration (f/cc) |
|--------|---------------|-----------------|-----------------|-------------------|----------------------------|
| 1      | 06.01.2025    | Fibre Godown    | Static          | 12                | 0.026                      |
| 2      | 06.01.2025    | Fibre Mill      | Personal        | 16                | 0.035                      |
| 3      | 06.01.2025    | Slurry Mixer    | Personal        | 9                 | 0.020                      |
| 4      | 07.01.2025    | Sheet Machine   | Static          | 7                 | 0.015                      |
| 5      | 07.01.2025    | Moulding        | Personal        | 9                 | 0.020                      |
| 6      | 07.01.2025    | Corrugator      | Static          | 7                 | 0.015                      |
| 7      | 07.01.2025    | Loading Area    | Personal        | 9                 | 0.020                      |
| 8      | 08.01.2025    | QC Laboratory   | Personal        | 6                 | 0.013                      |
| 9      | 08.01.2025    | Pulverizer      | Static          | 14                | 0.031                      |
| 10     | 08.01.2025    | Salvage Machine | Personal        | 12                | 0.026                      |

**Remarks:**

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.

Reviewed by  
V.Kannan  
(Technical Manager)

Authorized By  
S.Jayaprakash  
(Lab Head)

**\*\*\*END OF THE REPORT\*\*\***

*Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report*

**Ramco Industries Limited**  
**Ibrahimpattam, Krishna District.**

**AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF JANUARY 2025**

| Date       | Near Security gate |        | Near Admin Building |        | Near Cone Tank Area |        |
|------------|--------------------|--------|---------------------|--------|---------------------|--------|
|            | PM10               | PM 2.5 | PM10                | PM 2.5 | PM10                | PM 2.5 |
| 01-01-2025 | 43                 | 29     | 56                  | 21     | 53                  | 28     |
| 02-01-2025 | 48                 | 30     | 51                  | 19     | 56                  | 26     |
| 03-01-2025 | 50                 | 28     | 54                  | 18     | 51                  | 29     |
| 04-01-2025 | 53                 | 27     | 43                  | 23     | 54                  | 28     |
| 05-01-2025 | 56                 | 26     | 43                  | 20     | 43                  | 25     |
| 06-01-2025 | 51                 | 29     | 50                  | 19     | 43                  | 26     |
| 07-01-2025 | 54                 | 33     | 40                  | 23     | 50                  | 26     |
| 08-01-2025 | 43                 | 30     | 45                  | 20     | 48                  | 27     |
| 09-01-2025 | 43                 | 28     | 43                  | 19     | 46                  | 18     |
| 10-01-2025 | 52                 | 23     | 46                  | 20     | 49                  | 30     |
| 11-01-2025 | 54                 | 22     | 43                  | 20     | 59                  | 30     |
| 12-01-2025 | 48                 | 29     | 50                  | 19     | 58                  | 29     |
| 13-01-2025 | 52                 | 32     | 48                  | 23     | 53                  | 33     |
| 14-01-2025 | 51                 | 26     | 47                  | 19     | 51                  | 22     |
| 15-01-2025 | 45                 | 29     | 40                  | 20     | 48                  | 29     |
| 16-01-2025 | 53                 | 27     | 43                  | 23     | 49                  | 28     |
| 17-01-2025 | 48                 | 26     | 43                  | 20     | 43                  | 25     |
| 18-01-2025 | 49                 | 26     | 52                  | 18     | 43                  | 19     |
| 19-01-2025 | 43                 | 24     | 43                  | 19     | 46                  | 18     |
| 20-01-2025 | 50                 | 26     | 50                  | 20     | 56                  | 23     |
| 21-01-2025 | 48                 | 29     | 48                  | 22     | 40                  | 20     |
| 22-01-2025 | 46                 | 28     | 49                  | 18     | 56                  | 19     |
| 23-01-2025 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 24-01-2025 | 52                 | 23     | 46                  | 20     | 49                  | 30     |
| 25-01-2025 | 54                 | 22     | 43                  | 20     | 59                  | 30     |
| 26-01-2025 | 48                 | 26     | 52                  | 18     | 43                  | 19     |
| 27-01-2025 | 46                 | 28     | 49                  | 18     | 53                  | 19     |
| 28-01-2025 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 29-01-2025 | 40                 | 26     | 50                  | 19     | 45                  | 20     |
| 30-01-2025 | 56                 | 26     | 52                  | 18     | 43                  | 19     |
| 31-01-2025 | 56                 | 25     | 48                  | 21     | 40                  | 23     |

  
N. Sai Kiran  
Asst. Manager - Quality

For RAMCO INDUSTRIES LTD.,

  
P. ANANDA RAO  
Dy. General Manager (Works)



Factory : R.S.No. 71, Near Truck Terminal, Ibrahimpatnam - 521 456, Krishna Dist. A.P.  
☎ : 2882055, 2882056 Fax : 0866 - 2882058 CIN : L26943TN1965PLC005297

OFFICE COPY

Ref. No PCB/Amb December'24  
05.01.2025

The Environmental Engineer,  
Andhra Pradesh Pollution Control Board,  
Regional Office  
Plot No.41, Sri Kanakadurga Officers' Colony  
Gurunanak Road, Vijayawada - 8.

(Dist) 130026368087 (Dear Sirs, Stay Safe)

RAMCO INDUSTRIES LTD IVR:5278300104683

ALL VTPS S.O (321456)

Counter No:2, 09/01/2025, 10:41

To: THE ENVIRONMENTAL P.P.C.B.R (OFFICE)

PDH:320008, VJ Polytechnic S.O

From: RAMCO INDUSTRIES LTD, NEAR T

W:60000, RES:17.0

Pat:37.70, Text:5.75, Net:38.00 (Cash)

(Track on www.india.gov.in)

www.india.gov.in

Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

We submit herewith the copy of reports for the month of December'24 for your reference.

1. Ambient air quality data-test report date: 10.12.2024
2. Stack monitoring data-test report date: 10.12.2024 (stack attached to cement silo)
3. Stack monitoring data-test report date: 10.12.2024 (stack attached to fiber bag machine)
4. Stack monitoring data-test report date: 10.12.2024 (stack attached to DG set)
5. Dust (Fugitive) emission monitoring date report date 10.12.2024 (Cement and Fly ash storage silo area)
6. Noise Level test report date : 10.12.2024
7. Fiber concentrations dust levels report date: 24.12.2024
8. Air Ambient Quality Monitoring Reading December'2024

Kindly acknowledge receipt.

Thanking you,  
Yours faithfully,  
For Ramco Industries Limited

[P. Ananda Rao]  
Dy. General Manager Works



Regd. Office : 47, P.S.K. Nagar, Rajapalayam - 626 108, India.

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004.

☎ +91 44 2847 8585, www.ramcoindltd.com, ✉ ril@ril.co.in

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REF.NO: TEAM/RIL/AAQ/2024

Date: 10-12-2024

### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpatnam -521 456  
Krishna (Dt). A.P.

Date of monitoring : 06-12-2024  
Ambient Temperature : 33° C  
Atmospheric condition : Clear

| Sl. No. | Location            | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|---------|---------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.      | Near Admn. building | 53                                       | 27                                        | 8.4                                     | 18.2                                    |
| 2.      | Near security gate  | 68                                       | 34                                        | 9.6                                     | 21.5                                    |
| 3.      | Near Guest House    | 46                                       | 22                                        | 8.0                                     | 17.8                                    |
| 4.      | Near Cone tank area | 59                                       | 30                                        | 9.2                                     | 20.6                                    |
| 5.      | A.P.P.C.B Limits    | 100                                      | 60                                        | 80                                      | 80                                      |

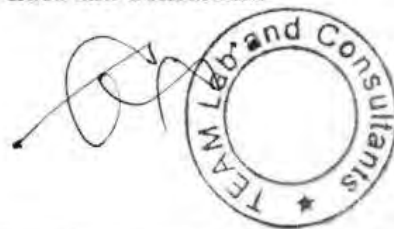
PM<sub>10</sub> : Particulate Matter (size less than 10 µm)

PM<sub>2.5</sub> : Particulate Matter (size less than 2.5 µm)

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

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

For Team Labs and Consultants



**(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)**

NABL Accredited Laboratory

Laboratory Recognised by Ministry Environment, Forests and Climate Change, Govt, New Delhi

EIA Consultancy Accredited by NABET, Quality Council of India.

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Ph : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2024

Date: 10-12-2024

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Cement Silo after Bag filter  
Date of Monitoring : 06-12-2024  
Time of Monitoring : 10.30 A.M.

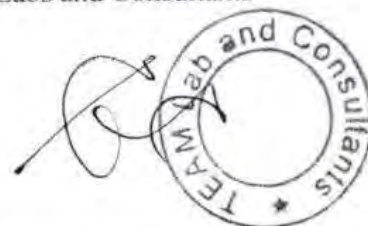
1. Stack Diameter (m) : 0.40
2. Stack cross sectional area (sq m) : 0.125
3. Flue gas temperature : 52°C
4. Exit Velocity of flue gases (m/sec): 10.54
5. Flow rate (Nm<sup>3</sup>/hr) : 4348.96

#### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 24.7

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

For Team Labs and Consultants



(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

NABL Accredited Laboratory

Laboratory Recognised by Ministry Environment, Forests and Climate Change, Govt, New Delhi  
EIA Consultancy Accredited by NABET, Quality Council of India.

**Registered Office :** B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

**Branch Office :** # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2024

Date: 10-12-2024

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71,Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Fibre bag machine after bag filter  
Date of Monitoring : 06-12-2024  
Time of Monitoring : 12.15 P.M.

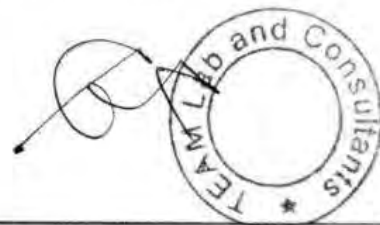
1. Stack Diameter (m) : 0.25  
2. Stack cross sectional area (sq m) : 0.049  
3. Flue gas temperature : 49°C  
4. Exit Velocity of flue gases (m/sec): 11.3  
5. Flow rate (Nm<sup>3</sup>/hr) : 1844.74

#### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 1.2

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

For Team Labs and Consultants



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REF: TEAM/RIL/SM/2024

Date: 10-12-2024

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpatnam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to 750 KVA D.G. Set  
Date of Monitoring : 06-12-2024  
Time of Monitoring : 3.20 P.M.

1. Stack Diameter (m) : 0.20  
2. Stack cross sectional area (sq m) : 0.03  
3. Flue gas temperature : 271°C  
4. Exit Velocity of flue gases (m/sec): 12.9  
5. Flow rate (Nm<sup>3</sup>/hr) : 763.18

#### Emission Data

6. Particulate Matter : 31  
7. Sulphur dioxide : 29  
8. Oxides of Nitrogen (PPM) : 154  
9. Carbon monoxide : 116

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

For Team Labs and Consultants



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REF.NO: TEAM/RIL/DE/2024

Date: 10-12-2024

## **TEST REPORT**

### **DUST (FUGITIVE) EMISSION MONITORING DATA**

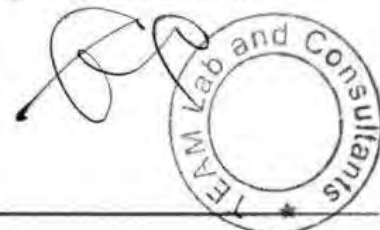
Name of the Industry : **M/s. RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpatnam – 521 456  
Krishna (Dt). A.P.

Date of Monitoring : 07-12-2024  
Ambient Temperature : 32°C

| Sl. No | Location                  | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|--------|---------------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.     | Cement Storage silo area  | 74                                       | 39                                        | 9.0                                     | 20.5                                    |
| 2.     | Fly ash Storage silo area | 81                                       | 42                                        | 9.4                                     | 21.8                                    |

PM<sub>10</sub> : Particulate Matter (Size less than 10 µm)  
PM<sub>2.5</sub> : Particulate Matter (Size less than 2.5 µm)  
SO<sub>2</sub> : Sulphur Dioxide  
NO<sub>x</sub> : Oxides of Nitrogen

For Team Labs and Consultants



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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/NL/2024

Date: 10-12-2024

### **TEST REPORT**

### **NOISE LEVELS**

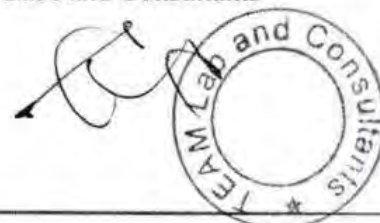
Name of the Industry : **M/s. RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam - 521 456  
Krishna (Dt). A.P.

Sample Particulars : **Noise Levels**  
Date of Monitoring : 06-12-2024

| S.No | Location            | Noise Levels dB(A) |            |
|------|---------------------|--------------------|------------|
|      |                     | Day Time           | Night Time |
| 1.   | Near Work Zone Area | 70.5               | 69.6       |
| 2.   | Near Pulveriser     | 70.8               | 70.0       |
| 3.   | Near Main Gate      | 59.4               | 55.2       |
| 4.   | Near Canteen        | 59.0               | 56.8       |
| 5.   | Near Scrap Yard     | 62.6               | 59.5       |

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

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**TEST REPORT**

|                              |                                                                                      |                      |                                                                |
|------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|
| Test Certificate No. & Date  | RIL/MTL/2024-2025/09/004 & 24/12/2024                                                |                      |                                                                |
| Status of Report             | Full/ Partial                                                                        |                      |                                                                |
| Issue No./Amendment No.      | 01/00                                                                                |                      |                                                                |
| Customer Name                | M/s Ramco Industries Limited,                                                        |                      |                                                                |
| Customer Address             | No:71, Near Truck Terminal, Krishna District, AP, Ibrahimpatnam, Vijayawada - 521456 |                      |                                                                |
| Reference No. if any         | VJD/12-24                                                                            |                      |                                                                |
| <u>Sample Description:</u>   |                                                                                      |                      |                                                                |
| Discipline                   | Chemical                                                                             | Group/ Sub Group     | Atmospheric Pollution/ Work Environment and Indoor air quality |
| Product                      | Airborne asbestos fibres                                                             | Flow Rate (ml/min)   | 1000                                                           |
| Source of Sample for testing | Supplied by the customer                                                             | Sample Receipt Date  | 18/12/2024                                                     |
| Sampling Duration            | 240 mins                                                                             | Test Started Date    | 23/12/2024                                                     |
| Quantity of Sample           | 10 Nos                                                                               | Test completed Date  | 24/12/2024                                                     |
| Condition of Sample          | Acceptable                                                                           | Test Method followed | IS 11450 : 2006                                                |

**TEST RESULTS FIBRE COUNT CONCENTRATION**

| Sl. No | Sampling Date | location        | Static/Personal | Fibre Count (Nos) | Fibre Concentration (f/cc) |
|--------|---------------|-----------------|-----------------|-------------------|----------------------------|
| 1      | 05.12.2024    | Fibre Godown    | Static          | 14                | 0.031                      |
| 2      | 05.12.2024    | Fibre Mill      | Personal        | 16                | 0.035                      |
| 3      | 05.12.2024    | Slurry Mixer    | Personal        | 10                | 0.022                      |
| 4      | 06.12.2024    | Sheet Machine   | Static          | 9                 | 0.020                      |
| 5      | 06.12.2024    | Moulding        | Personal        | 9                 | 0.020                      |
| 6      | 06.12.2024    | Corrugator      | Static          | 8                 | 0.018                      |
| 7      | 06.12.2024    | Loading Area    | Personal        | 7                 | 0.015                      |
| 8      | 04.12.2024    | QC Laboratory   | Personal        | 5                 | 0.011                      |
| 9      | 04.12.2024    | Pulverizer      | Static          | 13                | 0.029                      |
| 10     | 04.12.2024    | Salvage Machine | Personal        | 11                | 0.024                      |

**Remarks:**

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.

**Tested by**  
E. Muthazhagan  
(Test Engineer)

**Authorized By**  
P. Kumaraguruparan  
(Senior Quality Manager)

**\*\*\*END OF THE REPORT\*\*\***

*Note: Test Report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 30 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report.*

**Ramco Industries Limited**  
**Ibrahimpattam, Krishna District.**

**AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF DECEMBER 2024**

| Date       | Near Security gate |        | Near Admin Building |        | Near Cone Tank Area |        |
|------------|--------------------|--------|---------------------|--------|---------------------|--------|
|            | PM10               | PM 2.5 | PM10                | PM 2.5 | PM10                | PM 2.5 |
| 01-12-2024 | 40                 | 28     | 50                  | 19     | 51                  | 33     |
| 02-12-2024 | 45                 | 26     | 53                  | 23     | 50                  | 30     |
| 03-12-2024 | 43                 | 27     | 56                  | 21     | 53                  | 28     |
| 04-12-2024 | 52                 | 23     | 46                  | 20     | 49                  | 30     |
| 05-12-2024 | 53                 | 22     | 43                  | 20     | 59                  | 30     |
| 06-12-2024 | 48                 | 29     | 50                  | 19     | 58                  | 29     |
| 07-12-2024 | 52                 | 32     | 48                  | 23     | 53                  | 33     |
| 08-12-2024 | 46                 | 26     | 50                  | 19     | 45                  | 20     |
| 09-12-2024 | 51                 | 26     | 52                  | 18     | 43                  | 19     |
| 10-12-2024 | 46                 | 28     | 49                  | 18     | 53                  | 19     |
| 11-12-2024 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 12-12-2024 | 40                 | 26     | 50                  | 19     | 45                  | 20     |
| 13-12-2024 | 56                 | 26     | 52                  | 18     | 43                  | 19     |
| 14-12-2024 | 59                 | 22     | 46                  | 20     | 59                  | 30     |
| 15-12-2024 | 48                 | 29     | 49                  | 19     | 61                  | 29     |
| 16-12-2024 | 58                 | 33     | 48                  | 23     | 53                  | 33     |
| 17-12-2024 | 46                 | 26     | 48                  | 19     | 45                  | 20     |
| 18-12-2024 | 48                 | 23     | 45                  | 20     | 49                  | 30     |
| 19-12-2024 | 54                 | 22     | 43                  | 20     | 59                  | 30     |
| 20-12-2024 | 48                 | 29     | 50                  | 19     | 58                  | 29     |
| 21-12-2024 | 52                 | 32     | 48                  | 23     | 53                  | 33     |
| 22-12-2024 | 46                 | 26     | 50                  | 19     | 45                  | 20     |
| 23-12-2024 | 48                 | 26     | 52                  | 18     | 43                  | 19     |
| 24-12-2024 | 46                 | 28     | 49                  | 18     | 53                  | 19     |
| 25-12-2024 | 49                 | 26     | 52                  | 18     | 43                  | 19     |
| 26-12-2024 | 43                 | 24     | 43                  | 19     | 46                  | 18     |
| 27-12-2024 | 50                 | 26     | 50                  | 20     | 56                  | 23     |
| 28-12-2024 | 48                 | 29     | 48                  | 22     | 40                  | 20     |
| 29-12-2024 | 46                 | 28     | 49                  | 18     | 56                  | 19     |
| 30-12-2024 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 31-12-2024 | 40                 | 26     | 50                  | 19     | 45                  | 20     |

  
N. SAI KIRAN  
Asst. Manager - Quality

For RAMCO INDUSTRIES LTD.,  
  
P. ANANDA RAO  
Dy. General Manager (Works)



Factory : R.S.No. 71, Near Truck Terminal, Ibrahimpatnam - 521 456, Krishna Dist. A.P.  
© : 2882055, 2882056 Fax : 0866 - 2882058 CIN : L26943TN1965PLC005297

Ref. No PCB/Amb November'24  
05.12.2024

office copy

The Environmental Engineer,  
Andhra Pradesh Pollution Control Board,  
Regional Office  
Plot No.41, Sri Kanakadurga Officers' Colony  
Gurunanak Road, Vijayawada – 8.

Total 1800266888 Wear Masks, Stay Safe



RN580113965IN IVR:8278580113785  
RL VTPS S.O (521456)  
Counter No:2,05/12/2024,10403  
To:ENVIRONMENTAL,AP POLLUTION CONT  
PIN:520008, Vj Polytechnic S.O.  
From:RAMCO INDUSTRIES LTD,IBM  
Wt:60gms,REG=17.0  
Amt:37.76,Tax:5.76,Amt.Paid:38.00(Cash)

Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

We submit herewith the copy of reports for the month of November'24 for your reference.

1. Ambient air quality data-test report date: 22.11.2024
2. Stack monitoring data-test report date: 22.11.2024 (stack attached to cement silo)
3. Stack monitoring data-test report date: 22.11.2024 (stack attached to fiber bag machine)
4. Stack monitoring data-test report date: 22.11.2024 (stack attached to DG set)
5. Dust (Fugitive) emission monitoring date report date 22.11.2024 (Cement and Fly ash storage silo area)
6. Noise Level test report date : 22.11.2024
7. Fiber concentrations dust levels report date: 03.12.2024
8. Air Ambient Quality Monitoring Reading November'2024

Kindly acknowledge receipt.

Thanking you,  
Yours faithfully,  
For **Ramco Industries Limited**

[P.Ananda Rao]  
Dy. General Manager Works



Regd. Office : 47, P.S.K. Nagar, Rajapalayam - 626 108, India.

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004.

☎ +91 44 2847 8585, www.ramcoindltd.com, ✉ ril@ril.co.in

# TEAM

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REF.NO: TEAM/RIL/AAQ/2024

Date: 22-11-2024

## AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.  
Date of monitoring : 16-11-2024  
Ambient Temperature : 32° C  
Atmospheric condition : Clear

| Sl. No. | Location            | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|---------|---------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.      | Near Admn. building | 48                                       | 24                                        | 8.2                                     | 17.5                                    |
| 2.      | Near security gate  | 61                                       | 30                                        | 9.0                                     | 19.8                                    |
| 3.      | Near Guest House    | 42                                       | 18                                        | 7.6                                     | 17.2                                    |
| 4.      | Near Cone tank area | 56                                       | 27                                        | 8.5                                     | 19.0                                    |
| 5.      | A.P.P.C.B Limits    | 100                                      | 60                                        | 80                                      | 80                                      |

PM<sub>10</sub> : Particulate Matter (size less than 10 µm)  
PM<sub>2.5</sub> : Particulate Matter (size less than 2.5 µm)  
SO<sub>2</sub> : Sulphur Dioxide  
NO<sub>x</sub> : Oxides of Nitrogen

For Team Labs and Consultants



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REF: TEAM/RIL/SM/2024

Date: 22-11-2024

## STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Cement Silo after Bag filter  
Date of Monitoring : 16-11-2024  
Time of Monitoring : 12.30 P.M.

1. Stack Diameter (m) : 0.40  
2. Stack cross sectional area (sq m) : 0.125  
3. Flue gas temperature : 51°C  
4. Exit Velocity of flue gases (m/sec): 10.24  
5. Flow rate (Nm<sup>3</sup>/hr) : 4238.22

### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 22.5

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

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REF: TEAM/RIL/SM/2024

Date: 22-11-2024

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpatnam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Fibre bag machine after bag filter  
Date of Monitoring : 16-11-2024  
Time of Monitoring : 10.45 A.M.

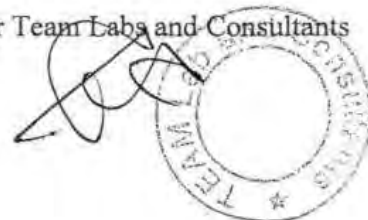
1. Stack Diameter (m) : 0.25  
2. Stack cross sectional area (sq m) : 0.049  
3. Flue gas temperature : 47°C  
4. Exit Velocity of flue gases (m/sec): 11.0  
5. Flow rate (Nm<sup>3</sup>/hr) : 1806.99

### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 1.1

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

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REF: TEAM/RIL/SM/2024

Date: 22-11-2024

## STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to 750 KVA D.G. Set  
Date of Monitoring : 16-11-2024  
Time of Monitoring : 3.15 P.M.

1. Stack Diameter (m) : 0.20  
2. Stack cross sectional area (sq m) : 0.03  
3. Flue gas temperature : 266°C  
4. Exit Velocity of flue gases (m/sec): 12.45  
5. Flow rate (Nm<sup>3</sup>/hr) : 743.39

### Emission Data

6. Particulate Matter : 30.6  
7. Sulphur dioxide : 28  
8. Oxides of Nitrogen (PPM) : 151  
9. Carbon monoxide : 115

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

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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/DE/2024

Date: 22-11-2024

### TEST REPORT

### DUST (FUGITIVE) EMISSION MONITORING DATA

Name of the Industry : **M/s. RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam – 521 456  
Krishna (Dt). A.P.

Date of Monitoring : 17-10-2024  
Ambient Temperature : 33°C

| Sl. No | Location                  | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|--------|---------------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.     | Cement Storage silo area  | 71                                       | 36                                        | 9.2                                     | 20.4                                    |
| 2.     | Fly ash Storage silo area | 75                                       | 40                                        | 9.6                                     | 21.0                                    |

PM<sub>10</sub> : Particulate Matter (Size less than 10 µm)

PM<sub>2.5</sub> : Particulate Matter (Size less than 2.5 µm)

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

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

For Team Labs and Consultants



**(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)**

NABL Accredited Laboratory

Laboratory Recognised by Ministry Environment, Forests and Climate Change, Govt, New Delhi

EIA Consultancy Accredited by NABET, Quality Council of India.

# TEAM

**Labs and Consultants**

**Registered Office :** B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
Ph. : (O) 040-23748555, 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

**Branch Office :** # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/NL/2024

Date: 22-11-2024

## TEST REPORT

### NOISE LEVELS

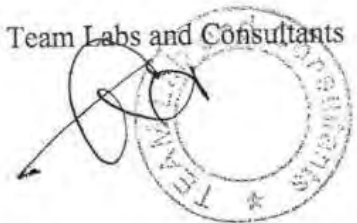
Name of the Industry : **M/s. RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpatnam – 521 456  
Krishna (Dt). A.P.

Sample Particulars : **Noise Levels**  
Date of Monitoring : 16-11-2024

| S.No | Location            | Noise Levels dB(A) |            |
|------|---------------------|--------------------|------------|
|      |                     | Day Time           | Night Time |
| 1.   | Near Work Zone Area | 70.2               | 69.5       |
| 2.   | Near Pulveriser     | 70.4               | 69.8       |
| 3.   | Near Main Gate      | 60.0               | 56.2       |
| 4.   | Near Canteen        | 59.6               | 56.4       |
| 5.   | Near Scrap Yard     | 62.8               | 59.6       |

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

For Team Labs and Consultants



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**TEST REPORT**

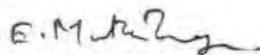
|                              |                                                                                      |                      |                                                                |
|------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|
| Test Certificate No. & Date  | RIL/MTL/2024-2025/08/013 - 03/12/2024                                                |                      |                                                                |
| Status of Report             | Full/ <del>Partial</del>                                                             |                      |                                                                |
| Issue No./Amendment No.      | 01/00                                                                                |                      |                                                                |
| Customer Name                | M/s Ramco Industries Limited,                                                        |                      |                                                                |
| Customer Address             | No:71, Near Truck Terminal, Krishna District, AP, Ibrahimpatnam, Vijayawada - 521456 |                      |                                                                |
| Reference No. if any         | VJD/11-24                                                                            |                      |                                                                |
| <u>Sample Description:</u>   |                                                                                      |                      |                                                                |
| Discipline                   | Chemical                                                                             | Group/ Sub Group     | Atmospheric Pollution/ Work Environment and Indoor air quality |
| Product                      | Airborne asbestos fibres                                                             | Flow Rate (ml/min)   | 1000                                                           |
| Source of Sample for testing | Supplied by the customer                                                             | Sample Receipt Date  | 25/11/2024                                                     |
| Sampling Duration            | 240 mins                                                                             | Test Started Date    | 03/12/2024                                                     |
| Quantity of Sample           | 10 Nos                                                                               | Test completed Date  | 03/12/2024                                                     |
| Condition of Sample          | Acceptable                                                                           | Test Method followed | IS 11450 : 2006                                                |

**TEST RESULTS FIBRE COUNT CONCENTRATION**

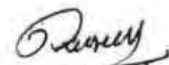
| Sl. No | Sampling Date | location        | Static/Personal | Fibre Count (Nos) | Fibre Concentration (f/cc) |
|--------|---------------|-----------------|-----------------|-------------------|----------------------------|
| 1      | 12.11.2024    | Fibre Godown    | Static          | 11                | 0.024                      |
| 2      | 12.11.2024    | Fibre Mill      | Personal        | 13                | 0.029                      |
| 3      | 14.11.2024    | Slurry Mixer    | Personal        | 9                 | 0.020                      |
| 4      | 14.11.2024    | Sheet Machine   | Static          | 8                 | 0.018                      |
| 5      | 15.11.2024    | Moulding        | Personal        | 6                 | 0.013                      |
| 6      | 13.11.2024    | Corrugator      | Static          | 7                 | 0.015                      |
| 7      | 15.11.2024    | Loading Area    | Personal        | 7                 | 0.015                      |
| 8      | 13.11.2024    | QC Laboratory   | Personal        | 6                 | 0.013                      |
| 9      | 13.11.2024    | Pulverizer      | Static          | 10                | 0.022                      |
| 10     | 14.11.2024    | Salvage Machine | Personal        | 9                 | 0.020                      |

**Remarks:**

- All the above parameters are performed in permanent facility only
- Sampling is not done by the laboratory.



Tested by  
E. Muthazhagan  
(Test Engineer)



Authorized By  
P. Kumaraguruparan  
(Senior Quality Manager)

\*\*\*END OF THE REPORT\*\*\*

**Ramco Industries Limited**  
**Ibrahimpattam, Krishna District.**

**AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF NOVEMBER 2024**

| Date       | Near Security gate |        | Near Admin Building |        | Near Cone Tank Area |        |
|------------|--------------------|--------|---------------------|--------|---------------------|--------|
|            | PM10               | PM 2.5 | PM10                | PM 2.5 | PM10                | PM 2.5 |
| 01.11.2024 | 56                 | 29     | 48                  | 19     | 53                  | 29     |
| 02.11.2024 | 51                 | 30     | 46                  | 18     | 48                  | 33     |
| 03.11.2024 | 54                 | 26     | 43                  | 23     | 51                  | 27     |
| 04.11.2024 | 48                 | 22     | 43                  | 20     | 49                  | 30     |
| 05.11.2024 | 50                 | 29     | 50                  | 19     | 42                  | 29     |
| 06.11.2024 | 52                 | 33     | 48                  | 23     | 53                  | 33     |
| 07.11.2024 | 56                 | 30     | 46                  | 20     | 48                  | 27     |
| 08.11.2024 | 51                 | 26     | 56                  | 19     | 53                  | 22     |
| 09.11.2024 | 45                 | 29     | 40                  | 20     | 57                  | 29     |
| 10.11.2024 | 53                 | 27     | 43                  | 23     | 54                  | 28     |
| 11.11.2024 | 56                 | 26     | 43                  | 20     | 43                  | 25     |
| 12.11.2024 | 51                 | 29     | 50                  | 19     | 43                  | 26     |
| 13.11.2024 | 54                 | 33     | 40                  | 23     | 50                  | 26     |
| 14.11.2024 | 43                 | 30     | 45                  | 20     | 48                  | 27     |
| 15.11.2024 | 43                 | 28     | 43                  | 19     | 46                  | 18     |
| 16.11.2024 | 50                 | 26     | 50                  | 20     | 56                  | 23     |
| 17.11.2024 | 48                 | 29     | 48                  | 22     | 40                  | 20     |
| 18.11.2024 | 46                 | 28     | 49                  | 18     | 56                  | 19     |
| 19.11.2024 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 20.11.2024 | 40                 | 26     | 50                  | 19     | 45                  | 20     |
| 21.11.2024 | 56                 | 26     | 52                  | 18     | 43                  | 19     |
| 22.11.2024 | 49                 | 28     | 48                  | 23     | 53                  | 33     |
| 23.11.2024 | 48                 | 30     | 48                  | 23     | 48                  | 30     |
| 24.11.2024 | 50                 | 19     | 48                  | 23     | 51                  | 27     |
| 25.11.2024 | 52                 | 23     | 46                  | 20     | 49                  | 30     |
| 26.11.2024 | 59                 | 22     | 43                  | 20     | 59                  | 30     |
| 27.11.2024 | 48                 | 29     | 50                  | 19     | 61                  | 29     |
| 28.11.2024 | 58                 | 33     | 48                  | 23     | 53                  | 33     |
| 29.11.2024 | 46                 | 26     | 50                  | 19     | 45                  | 20     |
| 30.11.2024 | 56                 | 26     | 52                  | 18     | 43                  | 19     |

*Ch. Raja Anand*  
Ch. Raja Anand  
Engineer - Quality

For RAMCO INDUSTRIES LTD.,  
*P. Ananda Rao*  
P. ANANDA RAO  
Dy. General Manager (Works)



Factory : R.S.No. 71, Near Truck Terminal, Ibrahimpatnam - 521 456, Krishna Dist. A.P.  
☎ : 2882055, 2882056 Fax : 0866 - 2882058 CIN : L26943TN1965PLC005297

Ref. No PCB/Amb October'24  
04.11.2024

Office copy

The Environmental Engineer,  
Andhra Pradesh Pollution Control Board,  
Regional Office  
Plot No.41, Sri Kanakadurga Officers' Colony  
Gurunanak Road, Vijayawada - 8.

RMS/2500586IN INR:8278572550696  
RL VIPS S.O 521456  
Counter No:2,04/11/2024,11-48  
To:THE ENVIRONMEN, A P C B R OFF  
PIN:520008, Vi Polytechnic S/O  
From:RAMCO INDAS, IBRAHIMPATNAM  
Mts:400ms, REG=17.0  
Amt:37.76, Tax:5.76, Amt. Paid:38. (01/ash)  
(Track on [www.indiapost.gov.in](http://www.indiapost.gov.in))  
(Dist 1800266888) (Wear Mask, Stay Safe)



Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

We submit herewith the copy of reports for the month of October'24 for your reference.

1. Ambient air quality data-test report date: 19.10.2024
2. Stack monitoring data-test report date: 19.10.2024 (stack attached to cement silo)
3. Stack monitoring data-test report date: 19.10.2024 (stack attached to fiber bag machine)
4. Stack monitoring data-test report date: 19.10.2024 (stack attached to DG set)
5. Dust (Fugitive) emission monitoring date report date 19.10.2024 (Cement and Fly ash storage silo area)
6. Noise Level test report date : 19.10.2024
7. Fiber concentrations dust levels report date: 29.10.2024
8. Air Ambient Quality Monitoring Reading October'2024

Kindly acknowledge receipt.

Thanking you,  
Yours faithfully,  
For Ramco Industries Limited

[P.Ananda Rao]

Dy. General Manager Works



Regd. Office : 47, P.S.K. Nagar, Rajapalayam - 626 108, India.

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004.

☎ +91 44 2847 8585, [www.ramcoindltd.com](http://www.ramcoindltd.com), ✉ [ril@ril.co.in](mailto:ril@ril.co.in)

# TEAM

## Labs and Consultants

Registered Office : B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.  
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Branch Office : # 24-4-11, Darul Fateh Building, 1st Floor, Harbour Road, Visakhapatnam-530 001.  
Ph. : (O) 0891-2748699, Cell : 9849033337, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/AAQ/2024

Date: 19-10-2024

### AMBIENT AIR QUALITY DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.  
Date of monitoring : 15-10-2024  
Ambient Temperature : 35° C  
Atmospheric condition : Clear

| Sl. No. | Location            | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|---------|---------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.      | Near Admn. building | 51                                       | 26                                        | 8.5                                     | 18.0                                    |
| 2.      | Near security gate  | 65                                       | 33                                        | 9.2                                     | 20.4                                    |
| 3.      | Near Guest House    | 44                                       | 21                                        | 8.0                                     | 17.6                                    |
| 4.      | Near Cone tank area | 57                                       | 29                                        | 8.4                                     | 19.2                                    |
| 5.      | A.P.P.C.B Limits    | 100                                      | 60                                        | 80                                      | 80                                      |

PM<sub>10</sub> : Particulate Matter (size less than 10 µm)  
PM<sub>2.5</sub> : Particulate Matter (size less than 2.5 µm)  
SO<sub>2</sub> : Sulphur Dioxide  
NO<sub>x</sub> : Oxides of Nitrogen

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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2024

Date: 19-10-2024

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Cement Silo after Bag filter  
Date of Monitoring : 15-10-2024  
Time of Monitoring : 12.15 P.M.

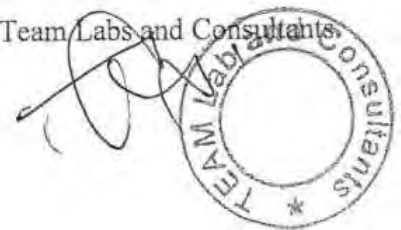
1. Stack Diameter (m) : 0.40
2. Stack cross sectional area (sq m) : 0.125
3. Flue gas temperature : 54°C
4. Exit Velocity of flue gases (m/sec): 10.85
5. Flow rate (Nm<sup>3</sup>/hr) : 4449.49

#### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 23.8

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

For Team Labs and Consultants



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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF: TEAM/RIL/SM/2024

Date: 19-10-2024

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A.Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to Fibre bag machine after bag filter  
Date of Monitoring : 15-10-2024  
Time of Monitoring : 10.30 A.M.

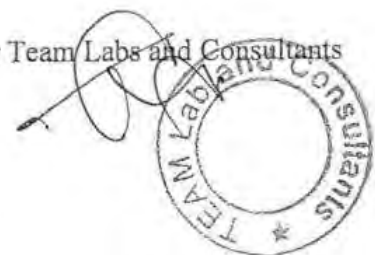
1. Stack Diameter (m) : 0.25
2. Stack cross sectional area (sq m) : 0.049
3. Flue gas temperature : 51°C
4. Exit Velocity of flue gases (m/sec): 11.32
5. Flow rate (Nm<sup>3</sup>/hr) : 1836.6

### Emission Data (mg/Nm<sup>3</sup>)

6. Suspended Particulate Matter (mg/Nm<sup>3</sup>) : 1.4

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

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REF: TEAM/RIL/SM/2024

Date: 19-10-2024

### STACK MONITORING DATA

Name of the Industry : M/s. **RAMCO INDUSTRIES LIMITED**  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam -521 456  
Krishna (Dt). A.P.

Sample Particulars : Stack attached to 750 KVA D.G. Set  
Date of Monitoring : 15-10-2024  
Time of Monitoring : 3.00 P.M.

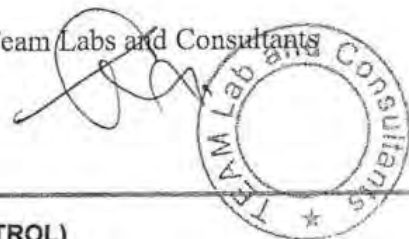
1. Stack Diameter (m) : 0.20  
2. Stack cross sectional area (sq m) : 0.03  
3. Flue gas temperature : 268°C  
4. Exit Velocity of flue gases (m/sec): 12.48  
5. Flow rate (Nm<sup>3</sup>/hr) : 742.43

### Emission Data

6. Particulate Matter : 29.3  
7. Sulphur dioxide : 26  
8. Oxides of Nitrogen (PPM) : 147  
9. Carbon monoxide : 112

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

For Team Labs and Consultants



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Ph. : (O) 0891-2748699, Cell : 9849033397, E-mail : teamlabsvizag@gmail.com

REF.NO: TEAM/RIL/DE/2024

Date: 19-10-2024

### TEST REPORT

#### DUST (FUGITIVE) EMISSION MONITORING DATA

Name of the Industry : M/s. RAMCO INDUSTRIES LIMITED  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam - 521 456  
Krishna (Dt). A.P.

Date of Monitoring : 16-10-2024  
Ambient Temperature : 34.5°C

| Sl. No | Location                  | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | PM <sub>2.5</sub><br>(µg/m <sup>3</sup> ) | SO <sub>2</sub><br>(µg/m <sup>3</sup> ) | NO <sub>x</sub><br>(µg/m <sup>3</sup> ) |
|--------|---------------------------|------------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| 1.     | Cement Storage silo area  | 73                                       | 38                                        | 9.5                                     | 21.0                                    |
| 2.     | Fly ash Storage silo area | 79                                       | 42                                        | 9.8                                     | 21.6                                    |

PM<sub>10</sub> : Particulate Matter (Size less than 10 µm)

PM<sub>2.5</sub> : Particulate Matter (Size less than 2.5 µm)

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

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

For Team Labs and Consultants



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REF: TEAM/RIL/NL/2024

Date: 19-10-2024

### TEST REPORT

### NOISE LEVELS

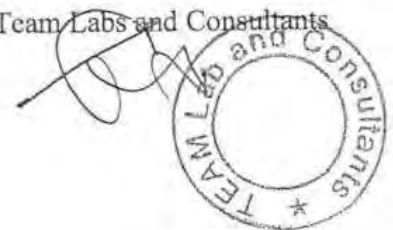
Name of the Industry : M/s. RAMCO INDUSTRIES LIMITED  
Address : R.S.No.71, Near U.D.A. Truck Terminal  
Ibrahimpattam - 521 456  
Krishna (Dt). A.P.

Sample Particulars : Noise Levels  
Date of Monitoring : 15-10-2024

| S.No | Location            | Noise Levels dB(A) |            |
|------|---------------------|--------------------|------------|
|      |                     | Day Time           | Night Time |
| 1.   | Near Work Zone Area | 70.0               | 69.4       |
| 2.   | Near Pulveriser     | 70.5               | 69.6       |
| 3.   | Near Main Gate      | 59.6               | 55.8       |
| 4.   | Near Canteen        | 59.2               | 56.0       |
| 5.   | Near Scrap Yard     | 62.4               | 59.2       |

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

For Team Labs and Consultants



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**TEST REPORT**

|                              |                                                                                      |                      |                                                                |
|------------------------------|--------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|
| Test Certificate No. & Date  | RIL/MTL/2024-2025/07/008 - 29/10/2024                                                |                      |                                                                |
| Status of Report             | Full/ <del>Partial</del>                                                             |                      |                                                                |
| Issue No./Amendment No.      | 01/00                                                                                |                      |                                                                |
| Customer Name                | M/s Ramco Industries Limited,                                                        |                      |                                                                |
| Customer Address             | No:71, Near Truck Terminal, Krishna District, AP, Ibrahimpatnam, Vijayawada - 521456 |                      |                                                                |
| Reference No. if any         | VJD/10-24                                                                            |                      |                                                                |
| <u>Sample Description:</u>   |                                                                                      |                      |                                                                |
| Discipline                   | Chemical                                                                             | Group/ Sub Group     | Atmospheric Pollution/ Work Environment and Indoor air quality |
| Product                      | Airborne asbestos fibres                                                             | Flow Rate (ml/min)   | 1000                                                           |
| Source of Sample for testing | Supplied by the customer                                                             | Sample Receipt Date  | 23/10/2024                                                     |
| Sampling Duration            | 240 mins                                                                             | Test Started Date    | 28/10/2024                                                     |
| Quantity of Sample           | 10 Nos                                                                               | Test completed Date  | 29/10/2024                                                     |
| Condition of Sample          | Acceptable                                                                           | Test Method followed | IS 11450 : 2006                                                |

**TEST RESULTS FIBRE COUNT CONCENTRATION**

| Sl. No | Sampling Date | location        | Static/Personal | Fibre Count (Nos) | Fibre Concentration (f/cc) |
|--------|---------------|-----------------|-----------------|-------------------|----------------------------|
| 1      | 17.10.2024    | Fibre Godown    | Static          | 8                 | 0.018                      |
| 2      | 17.10.2024    | Fibre Mill      | Personal        | 9                 | 0.020                      |
| 3      | 18.10.2024    | Slurry Mixer    | Personal        | 6                 | 0.013                      |
| 4      | 15.10.2024    | Sheet Machine   | Static          | 7                 | 0.015                      |
| 5      | 15.10.2024    | Moulding        | Personal        | 5                 | 0.011                      |
| 6      | 15.10.2024    | Corrugator      | Static          | 6                 | 0.013                      |
| 7      | 16.10.2024    | Loading Area    | Personal        | 5                 | 0.011                      |
| 8      | 17.10.2024    | QC Laboratory   | Personal        | 4                 | 0.009                      |
| 9      | 16.10.2024    | Pulverizer      | Static          | 8                 | 0.018                      |
| 10     | 16.10.2024    | Salvage Machine | Personal        | 7                 | 0.015                      |

  
Reviewed by  
V.Kannan  
(Technical Manager)

  
Authorized By  
S.Jayaprakash  
(Lab Head)

\*\*\*END OF THE REPORT\*\*\*

**Note:** Test report shall not be reproduced except in full, without approval of the laboratory. This report relates only to the particular sample submitted for test. Sample will be destroyed after 90 days from the date of issue of certificate unless instructed otherwise. Any complaints about this report should be communicated within 10 days of the issue of this report

**Ramco Industries Limited**  
**Ibrahimpattam, Krishna District.**

**AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF OCTOBER 2024**

| Date       | Near Security gate |        | Near Admin Building |        | Near Cone Tank Area |        |
|------------|--------------------|--------|---------------------|--------|---------------------|--------|
|            | PM10               | PM 2.5 | PM10                | PM 2.5 | PM10                | PM 2.5 |
| 01.10.2024 | 45                 | 29     | 40                  | 20     | 48                  | 29     |
| 02.10.2024 | 53                 | 27     | 46                  | 23     | 49                  | 28     |
| 03.10.2024 | 48                 | 26     | 47                  | 20     | 43                  | 25     |
| 04.10.2024 | 49                 | 26     | 49                  | 18     | 43                  | 19     |
| 05.10.2024 | 43                 | 24     | 43                  | 19     | 46                  | 18     |
| 06.10.2024 | 48                 | 26     | 51                  | 20     | 56                  | 23     |
| 07.10.2024 | 48                 | 19     | 48                  | 23     | 51                  | 27     |
| 08.10.2024 | 52                 | 23     | 46                  | 20     | 49                  | 30     |
| 09.10.2024 | 57                 | 22     | 46                  | 20     | 51                  | 30     |
| 10.10.2024 | 48                 | 29     | 49                  | 19     | 48                  | 29     |
| 11.10.2024 | 51                 | 33     | 48                  | 23     | 53                  | 33     |
| 12.10.2024 | 46                 | 26     | 48                  | 19     | 45                  | 20     |
| 13.10.2024 | 52                 | 23     | 45                  | 20     | 49                  | 30     |
| 14.10.2024 | 54                 | 22     | 43                  | 20     | 55                  | 30     |
| 15.10.2024 | 48                 | 29     | 50                  | 19     | 58                  | 29     |
| 16.10.2024 | 52                 | 32     | 48                  | 23     | 53                  | 33     |
| 17.10.2024 | 46                 | 26     | 50                  | 19     | 45                  | 20     |
| 18.10.2024 | 48                 | 26     | 52                  | 18     | 43                  | 19     |
| 19.10.2024 | 46                 | 28     | 49                  | 18     | 53                  | 19     |
| 20.10.2024 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 21.10.2024 | 40                 | 26     | 50                  | 19     | 45                  | 20     |
| 22.10.2024 | 56                 | 26     | 52                  | 18     | 43                  | 19     |
| 23.10.2024 | 56                 | 25     | 48                  | 21     | 40                  | 23     |
| 24.10.2024 | 40                 | 26     | 50                  | 19     | 45                  | 20     |
| 25.10.2024 | 56                 | 26     | 52                  | 18     | 43                  | 19     |
| 26.10.2024 | 49                 | 28     | 48                  | 23     | 53                  | 33     |
| 27.10.2024 | 48                 | 30     | 48                  | 23     | 48                  | 30     |
| 28.10.2024 | 50                 | 19     | 48                  | 23     | 51                  | 27     |
| 29.10.2024 | 52                 | 23     | 46                  | 20     | 49                  | 30     |
| 30.10.2024 | 49                 | 22     | 43                  | 20     | 57                  | 30     |
| 31.10.2024 | 56                 | 25     | 48                  | 21     | 40                  | 23     |

*Ch. Raja Anand*  
Ch. Raja Anand  
Engineer - Quality

**For RAMCO INDUSTRIES LTD.,**

*P. Ananda Rao*  
**P. ANANDA RAO**  
Dy. General Manager (Works)



AN ISO 9001:20015 CERTIFIED LAB

# ISHAA DIAGNOSTICS INTERNATIONAL LAB

(DIAGNOSTICS & RESEARCH LABS PVT LTD)



ISHAA DIAGNOSTICS INTERNATIONAL LAB



Name : Mr. Y LAKSHMI SRINIVAS333009  
Patient No : 907 Registered Date : 28-Sep-2024 10:15:00 AM  
Age/Gender : 47 Y / Male Reported Date : 20-Oct-2024 11:28:09 AM  
Bill No : 8194  
Referred By : RAMCO INDUSTRIES LTD

RAMCO INDUSTRIES LTD

## Test Description

### HEALTH CHECK UP

### PHYSICAL EXAMINATION

#### 1. Personal History:

a. Height 175 cms  
b. Weight 75 Kgs  
c. Marital Status Married  
d. H/O Alcohol /Smoking Not an Alcoholic & Smoking  
e. Previous Ill/O- 1.b Asthena Nil  
f. Family History Nil

#### 2. General condition on examination

a. Built Moderately Built  
b. Nutrition Moderately Nourished  
c. CVS S1 S2 BP : 121/79 Mm. Hg Pulse : 82 /min  
d. Respiration Clinically Clear  
e. CNS NAD  
f. P. Abdomen Soft  
g. ENT NAD  
h. Skin Examination Normal Texture

Spect Rx Sph Cyl Axis Vision

#### i. Eyes Examination

|     |    |    |    |    |
|-----|----|----|----|----|
| R/I | ++ | ++ | ++ | ++ |
| L/I | ++ | ++ | ++ | ++ |

#### j. Colour Blindness

NO

#### 3. Other Findings:

Nil

Clinically Fit (Test Parameters within the normal limit)

## Reference Range

Dr. CH SRINIVASA RAO  
MBBS, DPH, DCP  
Regd. No. 38333

Dr.Ch. Srinivasa Rao MBBS DCP  
Consultant Pathologist Signatory

\* Suggested Clinical Correlation if needed kindly discuss.

Head Office : P.O. Box : 223, Postal Code : 312, Al Musanna, Muscat, Sultanate of Oman.

Shop No. 10, Siri Towers, Patwari Enclave, Beside Sri Chaitanya Techno School,  
IDPL X Road, Chintal, Hyderabad - 500 037.

☎ : 040-23170154 ☎ : 99485 87097 | 99894 98383 ✉ asian.diagnostics2000@gmail.com



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**ISHAA DIAGNOSTICS INTERNATIONAL LAB**  
(DIAGNOSTICS & RESEARCH LABS PVT LTD)



ISHAA DIAGNOSTICS INTERNATIONAL LAB



Name : Mr. Y.LAKSHMI SRINIVAS33009  
Patient No : 9077 Registered Date : 28-Sep-2024 10:15:00 AM  
Age/Gender : 47 Y / Male Reported Date : 20-Oct-2024 11:28:09 AM  
Bill No : 8194  
Referred By : RAMCO INDUSTRIES LTD

**RAMCO INDUSTRIES LTD**

**Test Description**

**RESULT**

**Reference Range**

**COMPLETE BLOOD COUNT (C BP)**

|                 |      |                      |
|-----------------|------|----------------------|
| Hemoglobin      | 11.5 | 12.0-15.0 gm/dL      |
| P.C.V           | 43   | 36-46 %              |
| M.C.V           | 95   | 83-101 fL            |
| M.C.H           | 30   | 27-32 pg             |
| M.C.H.C         | 33.0 | 31.5-34.5 g/dL       |
| RDW             | 13.5 | 11-15 %              |
| RDW-SD          | 5.0  | 35-56 fL             |
| R.B.C. Count    | 5.0  | 4.5-5.5 mil/cu.mm    |
| Platelet count  | 4.0  | 1.5-4.1 lakhs/cumm   |
| TOTAL WBC COUNT | 9500 | 4000-10000 cells/cmm |

**DIFFERENTIAL COUNT**

|             |    |         |
|-------------|----|---------|
| Neutrophils | 65 | 40-80 % |
| Lymphocytes | 20 | 20-40 % |
| Eosinophils | 04 | 1-6 %   |
| Monocytes   | 10 | 2-10 %  |
| Basophils   | 00 | 0-2 %   |

**PERIPHERAL SMEAR.**

|                |                         |
|----------------|-------------------------|
| RBC MORPHOLOGY | Normocytic Normochromic |
| WBC            | Within Normal Limits    |
| PLATELETS      | Normal And Adequate     |

\*\*\*\* END OF REPORT \*\*\*\*

Dr. CH S. S. RAO  
MBBS DCP  
Regd. 10000-03

Dr. Ch. Srinivasa Rao MBBS DCP  
Consultant Pathologist Signatory

\* Suggested Clinical Correlation if needed kindly discuss.

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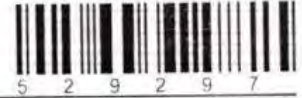
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# ISHAA DIAGNOSTICS INTERNATIONAL LAB

(DIAGNOSTICS & RESEARCH LABS PVT LTD)



ISHAA DIAGNOSTICS INTERNATIONAL LAB



Name : Mr. Y.LAKSHMI SRINIVAS33009

Patient No : 9077 Registered Date : 28-Sep-2024 10:15:00 AM

Age/Gender : 47 Y / Male Reported Date : 20-Oct-2024 11:28:09 AM

Bill No : 8194

Referred By : RAMCO INDUSTRIES LTD

## RAMCO INDUSTRIES LTD

### Test Description

#### BLOOD GROUP

ABO Grouping

Rh Grouping

Sputum for AFB Staining (Zeil Nelson Stain) sample

Day one Sample

### RESULT

"O"

POSITIVE

Acid fast bacilli- Not detected

### Reference Range

\*\*\*\* END OF REPORT \*\*\*\*

*Dr. Ch. Srinivasa Rao*  
Dr. CH SRINIVASA RAO  
MBBS, DPM, DCP  
Reg. No. 28133

Dr.Ch. Srinivasa Rao MBBS DCP  
Consultant Pathologist Signatory

\* Suggested Clinical Correlation if needed kindly discuss.

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**ISHAA DIAGNOSTICS INTERNATIONAL LAB**

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ISHAA DIAGNOSTICS INTERNATIONAL LAB



Name : Mr. Y. LAKSHMI SRINIVAS33009

Patient No : 9077 Registered Date : 28-Sep-2024 10:15:00 AM

Age/Gender : 47 Y / Male Reported Date : 20-Oct-2024 11:28:09 AM

Bill No : 8194

Referred By : RAMCO INDUSTRIES LTD

RAMCO INDUSTRIES LTD

**Test Description**

**RESULT**

**Reference Range**

**URINE ROUTINE EXAMINATION REPORT**

**PHYSICAL EXAMINATION**

Quantity 20ml  
Colour Pale yellow  
Appearance Clear  
Reaction Acidic  
Specific Gravity 1.020

**CHEMICAL EXAMINATION**

pH 6.0  
Albumin NIL  
Sugar NIL  
Bile Salts Negative  
Bile Pigments Negative  
Blood Negative  
Urobilinogen Negative  
Ketones Negative

**MICROSCOPIC EXAMINATION**

Pus Cells 2 - 3 H.P.F  
Epithelial Cells 3 - 4 H.P.F  
RBC Cells NIL  
Crystals NIL  
Others NIL

\*\*\*\* END OF REPORT \*\*\*\*

*Dr. Ch. Srinivasa Rao*  
Dr. Ch. Srinivasa Rao  
MBBS, DCP  
Regd. No. 17724

Dr. Ch. Srinivasa Rao MBBS DCP  
Consultant Pathologist Signatory

\* Suggested Clinical Correlation if needed kindly discuss.

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# Pulmonary Function Test Results

Visit date 28-09-2024

Patient code 033009

Surname Y.LAKSHMI

Name SRINIVAS

Date of birth 15-08-1978

Ethnic group South indian

Smoke

Patient group

Age 46

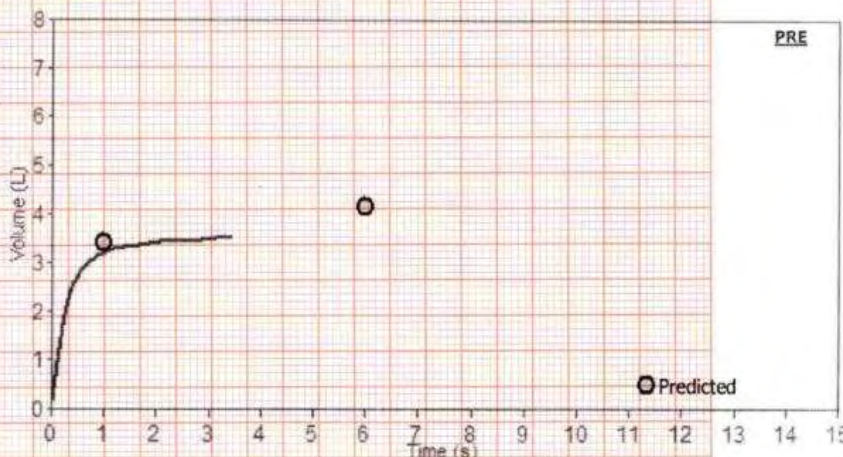
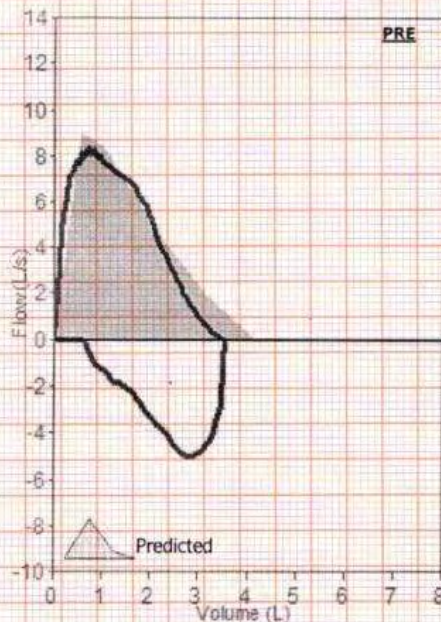
Gender Male

Height, cm 177

Weight, kg 73

BMI 23.30

Pack-Year



Quality Control Grade: D  
1 Acceptable trials

Interpretation  
Normal Spirometry

PRE Trial date 25-11-2024 12:31:08

| Parameters  | LLN  | Pred | Best  | %Pred | Z-score | PRE # 1 | PRE # 2 | PRE # 3 | POST | %Pred | %Chg |
|-------------|------|------|-------|-------|---------|---------|---------|---------|------|-------|------|
| FVC L       | 3.11 | 4.16 | 3.54* | 85    | -0.98   | 3.54    |         |         | *    |       |      |
| FEV1 L      | 2.54 | 3.40 | 3.21* | 94    | -0.37   | 3.21    |         |         | *    |       |      |
| FEV1/FVC %  | 71.6 | 81.8 | 90.7* | 111   | 1.44    | 90.7    |         |         | *    |       |      |
| PEF L/s     | 5.62 | 9.04 | 8.41* | 93    | -0.30   | 8.41    |         |         | *    |       |      |
| ELA Years   |      | 46   | 54    | 117   |         | 54      |         |         |      |       |      |
| FEF2575 L/s | 2.28 | 4.06 | 4.97  | 122   | 0.84    | 4.97    |         |         |      |       |      |
| FET s       |      | 6.00 | 3.44  | 57    |         | 3.44    |         |         |      |       |      |
| FIVC L      | 3.11 | 4.16 | 2.88  | 69    | -2.01   | 2.88    |         |         |      |       |      |
| FEV1/VC %   | 71.6 | 81.8 |       |       |         |         |         |         |      |       |      |

\*Best values from all loops - BTPS 1.068 30 °C (86 °F) - Predicted Knudson

Conclusion / Medical report

Signature



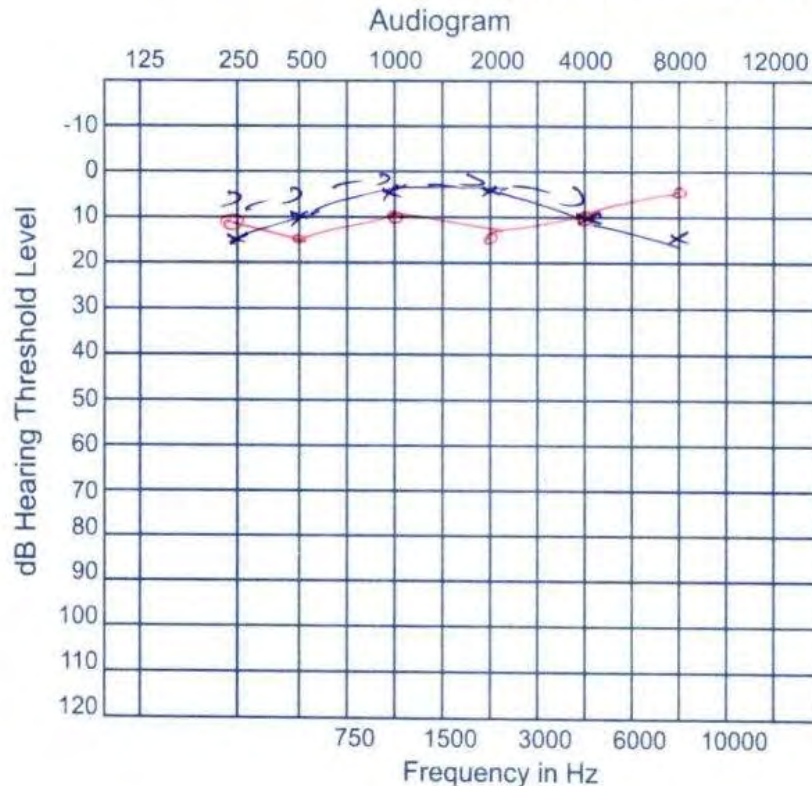
Instrument used  
Spirobank II new S/N Y19440

Name Mr. Y. Laxmi Sainivaga Date of Birth \_\_\_\_\_ Age/Sex 47y/m

Date \_\_\_\_\_ ID No. (36) Referred by Dr. \_\_\_\_\_

Complaint/History \_\_\_\_\_

### HEARING ASSESSMENT



### Audiogram Key

| Right       | A.C. | Left |
|-------------|------|------|
| ○ Unmasked  |      | ×    |
| △ Masked    |      | □    |
| No Response |      |      |
| ○ Unmasked  |      | ×    |
| △ Masked    |      | □    |
| B.C.        |      |      |
| < Unmasked  |      | >    |
| □ Masked    |      | □    |
| No Response |      |      |
| ⚡ Unmasked  |      | ⚡    |
| ⚡ Masked    |      | ⚡    |
| Sound Field |      |      |
| Unaided     |      | S    |
| Aided       |      | A    |
| No Response |      | ↓    |

### Speech Audiometry

| TEST  | PTA              | SRT | SDS |
|-------|------------------|-----|-----|
| Ear   |                  |     |     |
| Right | <u>13.3 dBHL</u> |     |     |
| Left  | <u>6.6 dBHL</u>  |     |     |
| Both  |                  |     |     |

### Audiometric Weber Test

| Frequency in Hz | Right | Left |
|-----------------|-------|------|
| 250             |       |      |
| 500             |       |      |
| 1000            |       |      |
| 2000            |       |      |

### Special Tests

|      | Right | Left |
|------|-------|------|
| SISI |       |      |
| TDT  |       |      |
| ABLB |       |      |

TEST CONDITION:

Rinne: Rt

Rinne: Lt

PROVISIONAL DIAGNOSIS:

RT:

LT:

3B/L Normal Hearing Sensitivity

## RECOMMENDATION

  
AUDIOLOGIST

---

### Services:

- Hearing Evaluation
- Hearing Aid Trial & Fitting
- Speech & Language Evaluation and Therapy
- Hearing Aid
- Ear molds

K. PRAVEEN KUMAR  
B.Sc. in Audiology  
Audiologist & Speech Therapist  
Regd. No. RGI - A60730



# 6-64, First Floor,  
Beside Royal Junior College,  
HMT Road, Chintal, Hyderabad - 500 054.  
Ph: 8309078133, 9700741344



AN ISO 9001:20015 CERTIFIED LAB

## ISHAA DIAGNOSTICS INTERNATIONAL LAB

(DIAGNOSTICS & RESEARCH LABS PVT LTD)



ISHAA DIAGNOSTICS INTERNATIONAL LAB

Name : Mr. DIG VIJAY SINGH33049  
Patient No : 9083 Registered Date : 28-Sep-2024 10:23:00 AM  
Age/Gender : 38 Y / Male Reported Date : 20-Oct-2024 11:01:26 AM  
Bill No : 8200  
Referred By : RAMCO INDUSTRIES LTD

### Test Description

### RESULT

#### HEALTH CHECK UP

#### PHYSICAL EXAMINATION

##### 1. Personal History:

a.Height 148 — cms  
b.Weight 50 Kgs  
c. Marital Status Married  
d.H/O Alcohol /Smoking Not an Alcoholic & Smoking  
e.Previous H/O- t.b Asthma Nil  
f. Family History Nil

##### 2.General condition on examination

a.Built Moderately Built  
b.Nutrition Moderately Nourished  
c.CSV S1 S2 BP : 120/80 Mm. Hg Pulse: 70/100  
d.Respiration Clinically Clear  
e.CNS NAD  
f.P/Abdomen Soft  
g.ENT NAD  
h.Skin Examination Normal Texture

Spect Rx Sph Cyl Axis Vision

##### i.Eyes Examination

|    |     |     |     |
|----|-----|-----|-----|
| RE | --- | --- | --- |
| LE | --- | --- | --- |

##### j.Colour Blindness

NO

##### 3. Other Findings:

Nil

Clinically Fit (Test Parameters within the normal limit)

\*\*\*\* END OF REPORT \*\*\*\*

  
Dr. CH SRINIVASA RAO  
MBBS, DFH, DCP  
Regd. No. 35333

Dr. CH

Authorized Signatory

\* Suggested Clinical Correlation if needed kindly discuss.

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(DIAGNOSTICS & RESEARCH LABS PVT LTD)



Name : Mr. DIG VIJAY SINGH33049  
Patient No : 9083 Registered Date : 28-Sep-2024 10:23:00 AM  
Age/Gender : 38 Y / Male Reported Date : 20-Oct-2024 11:01:26 AM  
Bill No : 8200  
Referred By : RAMCO INDUSTRIES LTD

### RAMCO INDUSTRIES LTD

| Test Description                  | RESULT                  | Reference                |
|-----------------------------------|-------------------------|--------------------------|
| <b>COMPLETE BLOOD COUNT (CBP)</b> |                         |                          |
| Hemoglobin                        | 14.0                    | 12.0-15.0                |
| P.C.V                             | 40                      | 36-46 %                  |
| M.C.V                             | 99                      | 83-101 fL                |
| M.C.H                             | 30                      | 27-32 pg                 |
| M.C.H.C                           | 33.0                    | 31.5-34.5                |
| RDW                               | 14                      | 11-15 %                  |
| RDW-SD                            | 50                      | 35-56 fL                 |
| R.B.C. Count                      | 5.0                     | 4.5-5.5 /mm <sup>3</sup> |
| Platelet count                    | 4.0                     | 1.5-4.1 /mm <sup>3</sup> |
| TOTAL WBC COUNT                   | 9500                    | 4000-11000               |
| <b>DIFFERENTIAL COUNT</b>         |                         |                          |
| Neutrophils                       | 65                      | 40-80 %                  |
| Lymphocytes                       | 20                      | 20-40 %                  |
| Eosinophils                       | 05                      | 1 - 6 %                  |
| Monocytes                         | 10                      | 2 - 10 %                 |
| Basophils                         | 00                      | 0 - 2 %                  |
| <b>PERIPHERAL SMEAR.</b>          |                         |                          |
| RBC MORPHOLOGY                    | Normocytic Normochromic |                          |
| WBC                               | Within Normal Limits    |                          |
| PLATELETS                         | Normal And Adequate     |                          |

\*\*\*\* END OF REPORT \*\*\*\*

\* Suggested Clinical Correlation if needed kindly discuss.

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Dr. CH. S. V. S. RAO  
20/10/2024

Dr. Ch. S. V. S. RAO  
Authorized Signatory



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## ISHAA DIAGNOSTICS INTERNATIONAL LAB

(DIAGNOSTICS & RESEARCH LABS PVT LTD)



Name : Mr. DIG VIJAY SINGH33049  
Patient No : 9083 Registered Date : 28-Sep-2024 10:23:00 AM  
Age/Gender : 38 Y / Male Reported Date : 20-Oct-2024 11:01:26 AM  
Bill No : 8200  
Referred By : RAMCO INDUSTRIES LTD

### RAMCO INDUSTRIES LTD

#### Test Description

#### RESULT

#### BLOOD GROUP

ABO Grouping

"O"

Rh Grouping

POSITIVE

Sputum for AFB Staining (Zeil Nielson Stain) sample

Day one Sample

Acid fast bacilli- Not detected

\*\*\*\* END OF REPORT \*\*\*\*

*Dr. Ch. Srinivas RAO*  
DR. CH. SRINIVASA RAO  
M.D., D.M., D.S.P.  
P.O. No. 11223

\* Suggested Clinical Correlation if needed kindly discuss.

Dr.Ch. Srinivas RAO  
CONSULTANT

Authorized Signatory

Head Office : P.O. Box : 223, Postal Code : 312, Al Musanna, Muscat, Sultanate of Oman.  
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Age/Gender : 38 Y / Male Reported Date : 20-Oct-2024 11:01:26 AM  
Bill No : 8200  
Referred By : RAMCO INDUSTRIES LTD

### RAMCO INDUSTRIES LTD

#### Test Description

#### RESULT

#### URINE ROUTINE EXAMINATION REPORT

##### PHYSICAL EXAMINATION

|                  |             |
|------------------|-------------|
| Quantity         | 20ml        |
| Colour           | Pale yellow |
| Appearance       | Clear       |
| Reaction         | Acidic      |
| Specific Gravity | 1.020       |

##### CHEMICAL EXAMINATION

|               |          |
|---------------|----------|
| PH            | 6.0      |
| Albumin       | NIL      |
| Sugar         | +        |
| Bile Salts    | Negative |
| Bile Pigments | Negative |
| Blood         | Negative |
| Urobilinogen  | Negative |
| Ketones       | Negative |

##### MICROSCOPIC EXAMINATION

|                  |              |
|------------------|--------------|
| Pus Cells        | 2 - 3 /H.P.F |
| Epithelial Cells | 3 - 4 /H.P.F |
| RBC Cells        | NIL          |
| Crystals         | NIL          |
| Others           | NIL          |

*Dr. Ch. Srinivas Reddy*  
Dr. Ch. Srinivas Reddy  
Regd. Consultant

Dr. Ch. Srinivas  
Consultant

Authorized Signatory

\* Suggested Clinical Correlation if needed kindly discuss.

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☎ : 040-23170154 ☎ : 99485 87097 | 99894 98383 ✉ asian.diagnostics2000@gmail.com



9001:2015  
The Quality Management System

# Pulmonary Function Test Results

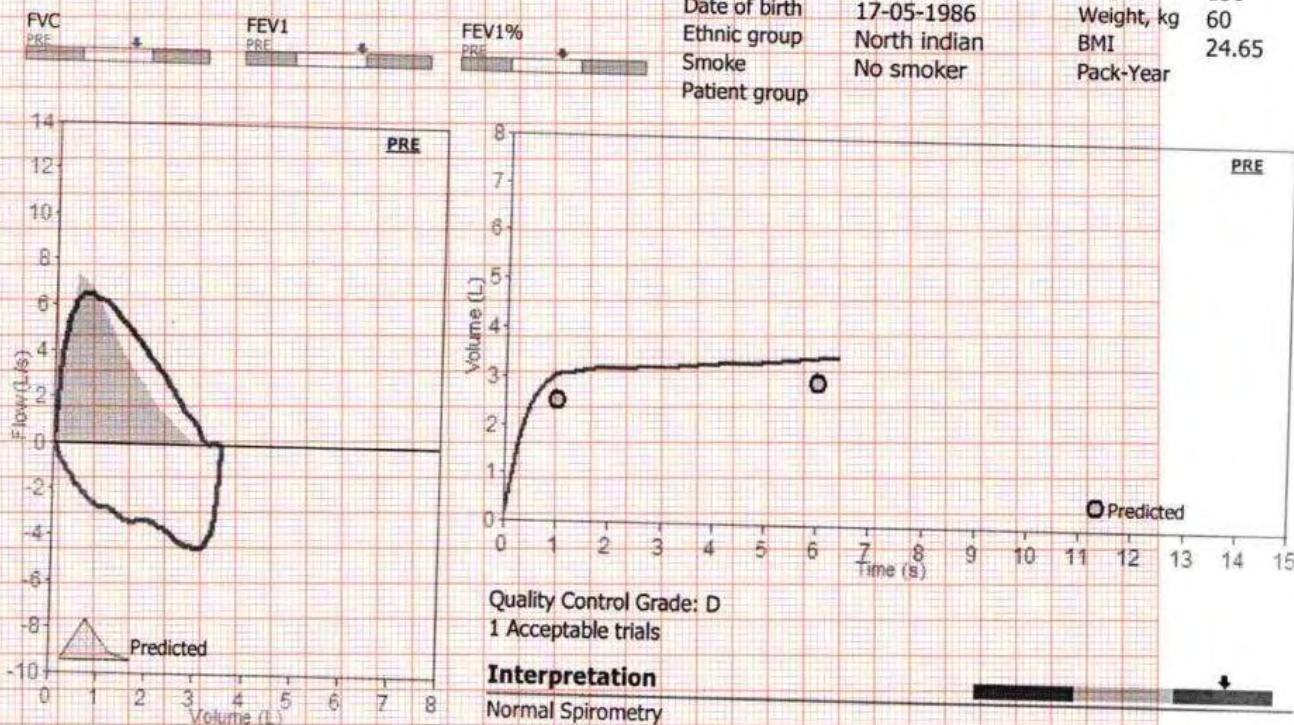
42

Visit date 28-09-2024

Patient code 033049

Surname DIG VIJAY  
Name SINGH  
Date of birth 17-05-1986  
Ethnic group North indian  
Smoke No smoker  
Patient group

Age 37  
Gender Male  
Height, cm 156  
Weight, kg 60  
BMI 24.65  
Pack-Year



PRE Trial date 18-10-2023 10:27:31

| Parameters  | LLN  | Pred | Best  | %Pred | Z-score | PRE # 1 | PRE # 2 | PRE # 3 | POST | %Pred | %Chg |
|-------------|------|------|-------|-------|---------|---------|---------|---------|------|-------|------|
| FVC L       | 1.90 | 2.95 | 3.51* | 119   | 0.87    | 3.51    |         |         |      | *     |      |
| FEV1 L      | 1.64 | 2.50 | 3.07* | 123   | 1.09    | 3.07    |         |         |      | *     |      |
| FEV1/FVC %  | 75.3 | 85.4 | 87.5* | 102   | 0.33    | 87.5    |         |         |      | *     |      |
| PEF L/s     | 3.96 | 7.38 | 6.52* | 88    | -0.41   | 6.52    |         |         |      | *     |      |
| ELA Years   |      | 37   | 37    | 100   |         | 37      |         |         |      |       |      |
| FEF2575 L/s | 1.39 | 3.17 | 3.91  | 123   | 0.68    | 3.91    |         |         |      |       |      |
| FET s       |      | 6.00 | 6.37  | 106   |         | 6.37    |         |         |      |       |      |
| FIVC L      | 1.90 | 2.95 | 3.46  | 117   | 0.79    | 3.46    |         |         |      |       |      |
| FEV1/VC %   | 75.3 | 85.4 |       |       |         |         |         |         |      |       |      |

\*Best values from all loops - BTPS 1.078 28 °C (82.4 °F) - Predicted Knudson

Conclusion / Medical report

Signature



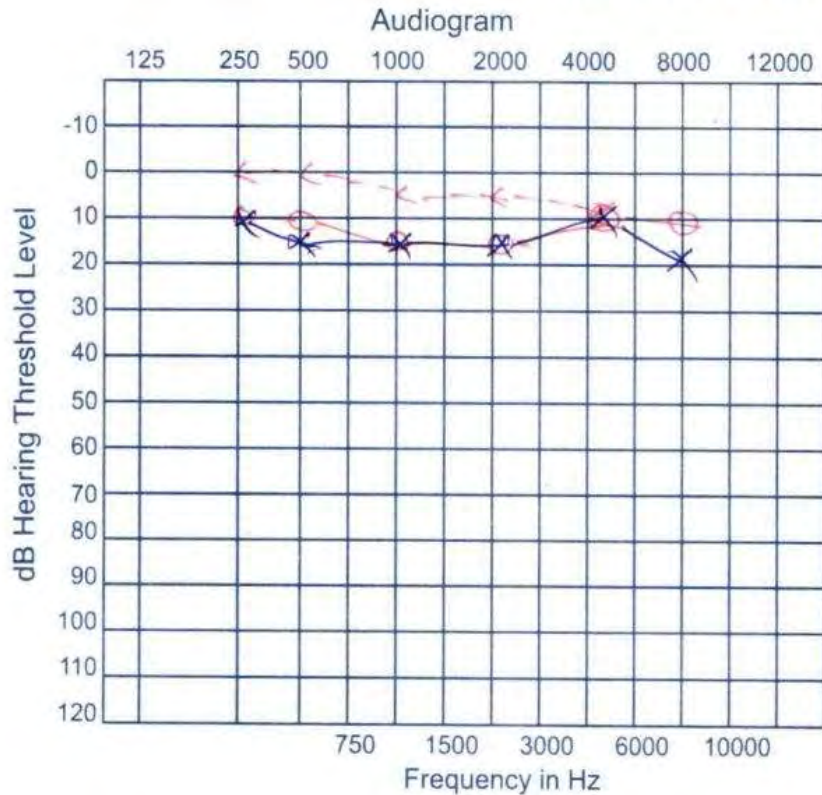
Instrument used  
Spirobank II new S/N Y19440

MICRO MED CHARTS

Name dig vijay Singh Date of Birth \_\_\_\_\_ Age/Sex 38/m  
Date \_\_\_\_\_ ID No. 42 Referred by Dr. \_\_\_\_\_

Complaint/History \_\_\_\_\_

### HEARING ASSESSMENT



#### Audiogram Key

| Right       | A.C. | Left |
|-------------|------|------|
| ○ Unmasked  |      | ×    |
| △ Masked    |      | □    |
| No Response |      |      |
| ○ Unmasked  |      | ×    |
| △ Masked    |      | □    |
| B.C.        |      |      |
| < Unmasked  |      | >    |
| □ Masked    |      | □    |
| No Response |      |      |
| ↗ Unmasked  |      | ↘    |
| ↘ Masked    |      | ↗    |
| Sound Field |      |      |
| Unaided     |      | S    |
| Aided       |      | A    |
| No Response |      | ↓    |

#### Speech Audiometry

| TEST  | PTA        | SRT | SDS |
|-------|------------|-----|-----|
| Ear   |            |     |     |
| Right | 13.3 dB HL |     |     |
| Left  | 15 dB HL   |     |     |
| Both  |            |     |     |

#### Audiometric Weber Test

| Frequency in Hz | Right | Left |
|-----------------|-------|------|
| 250             |       |      |
| 500             |       |      |
| 1000            |       |      |
| 2000            |       |      |

#### Special Tests

|      | Right | Left |
|------|-------|------|
| SISI |       |      |
| TDT  |       |      |
| ABLB |       |      |

TEST CONDITION:

Rinne: Rt

Rinne: Lt

PROVISIONAL DIAGNOSIS:

RT: } B/L Normal hearing Sensitivity.  
LT: }

## RECOMMENDATION

  
AUDIOLOGIST

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### Services:

- Hearing Evaluation
- Hearing Aid Trial & Fitting
- Speech & Language Evaluation and Therapy
- Hearing Aid
- Ear molds

K. PRAVEEN KUMAR Bsc (ASL)  
Aud. Prost.  
Regd. No. NCI - 450730



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