

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

27.04.2024

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-2023 to March-2024 with Stack & Work zone monitoring reports for your perusal.

Kindly acknowledge the receipt.

Thanking You,

Yours Faithfully, For Ramco Industries Limited.,

P. ANÁNDA RAO, AGM - Works











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'2023 TO MAR'2024

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 should be transported in closed containers. Asbestos fibre should be brought in palletized form, in impermeable bags and under compressed condition.	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.	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.	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.	Fly ash received in bulk tankers are conveyed pneumatically to the respective silos and there are no fugitive emissions. Bag filters followed by wet washer are provided at automatic bag opening machine bag shredder and fibre mill, Cement, Fly ash silos and rejected sheets pulveriser to collect the dust and recycle into the process. Asbestos fibre count is being monitored at pulveriser area found within the permissible limit.
V.	The company shall comply with total dust emission limit of 2mg/Nm3 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.	We are complying with total dust emission limit of 2mg/Nm3 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. Reports are enclosed herewith.
vi.	Bags containing asbestos fibre shall be stored in enclosed area to avoid fugitive emissions of asbestos fibre from damaged bags, if any.	The bags containing asbestos are stored in an enclosed asbestos fibre storage area of about 647.74sq. m.
vii.	Proper housekeeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems shall be laid in accordance with Factories Act.	Proper house-keeping maintained within the plant premises, process and machinery. Exhaust ventilation system is installed in accordance with

S. No	Specific conditions	Compliance status			
No	Better housekeeping practices shall be adopted for improvement of the environment within the work environment also. These include: a) All monitoring transfer points shall be connected to dust extraction system. b) Leakages or dust from machines and ducts shall be plugged. c) Floor shall be cleaned by vacuum cleaner only. d) Enclosed belt conveyer shall be used instead of manual transportation of asbestos within the premises.	factories Act. For better house-keeping, following practices are adopted for improvement of the environment within the work environment. i) Wet mopping being done in shop floor. ii) Vacuum cleaning done at BOD & ER mill are. iii) Wet waste is collected in clarifier and recycled in the process. iv) Process water is collected in two Cone tank and recycled in the process. v) Broken sheets are collected and pulverized & reused in the process. a) 1) BOD & ER Mill-dust collector with bag filters & wet scrubber attached and also fibre count is being monitored. 2) Slurry mixer to storage tank — connected to dust collector and also fibre count is being monitored. b) During monitoring of fugitive dust in BOD & Slurry mixer area there was no leakage observed and found all ducts are in good condition. c) We are cleaning the shop floor with the help of Vacuum Cleaner. d) Asbestos fibre is being transported from fibre godown through Forklift & through roller conveyor fibre bag are fed into the BOD.			
viii.	Quarterly monitoring of pollutants (PM10, 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.	Monitoring of Asbestos fibre count at work place is being done monthly at various locations by us & found well within the norms. 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. The reports are being submitted to State Pollution Control Board & Ministry once in 6 months.			
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	The entire process water is recycled and reused in the manufacturing process. There are 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.			

S. No	Specific conditions	Compliance status
	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.	We ensure that the entire solid waste generate including process rejects, dust from bag filter and empty asbestos bags are recycled th manufacturing process.
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.	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.	There is no toxic or trace elements found in the fibre supply. Also we receive certificate from the Fibre suppliers for every supply
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, bloat 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.	Regular medical examination of the workers and health monitoring of all the employees are carried out. We will maintain record up to minimum 18 years after retirement or cessation of employment whichever is lower. A competent occupational health physician will be appointed to carry out surveillance. The occupational health monitoring is being done as stipulated. 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. We have done last medical check-up for the following: Blood, Urine, Sputum, and X-ray done on 28.08.2023. We have also attached a specimen copy for your kind reference.
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.	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.	We have our own harvesting system in our plant to recharge the ground water
cvi.	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 28.06.2013	Recommendations made during public hearing

S. No	Specific conditions	Compliance status
	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.	
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.	We have already developed 33% of the project area as greenbelt. 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.	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.	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.	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.	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 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 monitoring ambient air quality in four locations of the plant by external agency. We are also sending those monitored results to MOEF, Chennai and State pollution control board. We have attached herewith the Ambient Air Quality Record done by M/s Teams labs and Consultants, Vishakapatnam, M/s.Sri Durga Enviro care, Vijayawada.

S. No	General conditions	Compliance status	
iv.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19 th May, 1993 and 31 st December, 1993 or as amended form time to time. The treated wastewater shall be utilized for plantation purpose.	our manufacturing process.	
		are monitored regularly and is well under the limit.	
a regular basis and records maintained as per the Factories Act. workers and heal employees are cal occupational health. The occupational		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.	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.	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.	Environmental Expenses details are Recurring Expenses:- October 2023 to March 2024 = Rs 5,56,837/	
х.	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 letter shall also be put on the web site of the company by the proponent.	icipal Corporation, any, from whom re received while r shall also be put	
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	We are regularly sending six monthly compliance reports to MOEF regional office every 6 months. We have also made available relevant critical parameters in display board near the main gate.	

S. No	General conditions	Compliance status
	projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	
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.	to the office along with the compliance report for the period April'23 to September'23 in the month of October' 2023.
xiii.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bangalore by e-mail.	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 http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Bangalore.	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 http://envfor.nic.in.
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.	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 Asst. General Manager (Works)



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.

28.11.2023

To,

The Asst. General Manager M/s. Ramco Industries Ltd., R S No. 71, Near Truck Terminal Ibrahimpatnam – 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 23rd November 2023.

Thanking You

Your's sincerely

For J R LABS

Research Fibre Analyst





ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

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28.11.2023

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 Envirotech: APM 800 - IV,

SKC: Side Kick 51 Ex & S K C: 224-PCXR8: II

Personal Sampler

Flow rate

: 1.0 L P M

Sampling Duration: 60 minutes each

Analyzed under:

Olympus make, Japan,

B X 40 Phase Contrast

Microscope

Specifications: As per AIA-RTM1

& IS: 11450 - Membrane

Filter Method

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & PCB = 0.1 fibre per cc of air.

Sl. No.	Date of sampling	Location	Condition	Dust concentration fibre/cc of air	Remarks
1	23.11.2023	Static Fibre Godown	The Static sample is collected from the Fibre Godown where different grades of palletized Fibre bags are stored. Torn bags are taped. Wet moping done.	< 0.1 (0.064)	
2	23.11.2023	Personal Bag Opening Device – 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 (0.080)	
3	23.11.2023	Static E R Mill - Hydro disintegrator	B O D, E R Mill and Dust Collector in operation.	< 0.1 (0.060)	

For JR LABS

Research Fibre Analyst

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



2: 040-42300546, 27230750, 27230966

E-mail: jrlabs@gmail.com jrlabs@rediffmail.com jr.labs@yahoo.in



ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

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28.11.2023

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 Envirotech: APM 800 - V, Envirotech: APM 800 - VI &

Analyzed under: Olympus make, Japan,

B X 40 Phase Contrast

Microscope

Envirotech: APM 800 - II Personal Sampler

Flow rate

: 1.0 L P M

Specifications

: As per AIA - RTM1

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	23.11.2023	Personal Cutter Off – S F Drum	The worker carrying the Sampler was cutting the Sheets at green stage on main Machine along with another worker.	< 0.1 (0.040)	
5	23.11.2023	Personal 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 (0.060)	
6	23.11.2023	Personal M G Section - Moulding	The worker carrying the Sampler was making R1 & R2 moulded articles. Semi wet process.	< 0.1 (0.088)	

For J R LABS

Research Fibre Analyst

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28.11.2023

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 Envirotech: APM 800 - VIII,

Envirotech: APM 800 – I &

Envirotech: APM 800 - VII

Personal Sampler

Flow rate

Sampling Duration

: 1.0 L P M

: 60 minutes each

Specifications

: As per AIA - RTM1

B X 40 Phase Contrast

& IS: 11450 - Membrane

Filter Method

Microscope

Analyzed under: Olympus make, Japan,

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	23.11.2023	Personal Pulverizer	The worker carrying the Sampler was feeding broken F C C Sheets through the Chute of Pulverizer.	< 0.1 (0.096)	
8	23.11.2023	Personal Ball Mill	The worker carrying the Sampler was engaged in operation of Ball Mill including feeding of Sludge. Wet Process.	< 0.1 (0.092)	
9	23.11.2023	Personal Salvaging	The worker carrying the Sampler was reclaiming the Sheets. F C C rejected Sheets were getting reclaimed. Wet process.	< 0.1 (0.088)	

For JRLABS

Research Fibre Analyst

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28.11.2023

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,

B X 40 Phase Contrast

Microscope

using Casella: T13180 - I &

SKC: AirLite

Personal Sampler

Flow rate

Sampling Duration

: 1.0 L P M

60 minutes each

Specifications

: As per AIA - RTM1

& IS: 11450 - Membrane

Filter Method

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & PCB = 0.1 fibre per cc of air.

SI. No.	Date of sampling	Location	Condition	Dust concentration fibre /cc of air	Remarks
10	23.11.2023	Personal 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 during the period of sampling.	< 0.1 (0.064)	
11	23.11.2023	Personal 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 (0.084)	

For JR LABS

Research Fibre Analyst

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IR LABS

ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

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28.11.2023

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

using Spectro: SLE-PS-154: II

: Samples collected by J R Labs Analyzed under: Olympus make, Japan,

B X 40 Phase Contrast

Microscope

Flow rate

: 1.0 L P M

Personal Sampler

Specifications

: As per AIA-RTM1

Sampling Duration : 60 minutes

& IS: 11450 - Membrane

Filter Method

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & PCB = 0.1 fibre per cc of air.

Sl. No.	Date of sampling	Location	Condition	Dust concentration fibre /cc of air	Remarks
12	23.11.2023	Static Work Zone of the Plant	The Static sample is collected from near Production Office during the production of F C C Sheets.	< 0.1 (0.088)	

For J R LABS

Research Fibre Analyst



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28.11.2023

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,

B X 40 Phase Contrast

Microscope

using Spectro: SLE-PS-154: I,

Casella: AFC 123 &

Spectro: SLE-PS-154: III

Personal Sampler

Specifications

: As per AIA - RTM1

Flow rate

Sampling Duration: 60 minutes each

: 1.0 L P M

& IS: 11450 - Membrane

Filter Method

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & PCB = 0.1 fibre per cc of air.

Sl. No.	Date of sampling	Location	Condition	Dust concentration fibre/cc of air	Remarks
13	23.11.2023	Static Ambient Air :- Near Stock Yard – 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 during the period of sampling.	< 0.1 (0.076)	
14	23.11.2023	Static Ambient Air :- Near Main Gate- Security Office	The Static sample is collected from near Main Gate – Security Office. Plant was in production of F C C Sheets.	< 0.1 (0.036)	
15	23.11.2023	Static Ambient Air :- Near Canteen	The Static sample is collected from near Canteen. Plant was in production of F C C Sheets.	< 0.1 (0.068)	

For J R LABS

Research Fibre Analyst

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T C: November 2023: Stack - E R M: A F C

28.11.2023

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

FIBRE DE STACK

Project

: M/s. Ramco Industries Limited, R S No. 71, Near Truck Terminal,

Ibrahimpatnam , Vijayawada, Krishna Dist., Andhra Pradesh - 521 456

Sampler used

: Envirotech VSS1

Analyzed under: Olympus make, Japan,

B X 40 Phase Contrast

Microscope

Flow rate

: 10 L P M

Specifications

: As per A I A - R T M 1

IS:11450 & ISO:10397

Sampling Duration: 10 minutes

Membrane Filter Method

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & P C B = 0.2 fibre per cc of air.

Date of sampling	Location	Condition	Dust concentration fibre /cc of air	Remarks
23.11.2023	Fibre Stack connected to B O D & Edge Running Mill		0.079	

For JR LABS

Research Fibre Analyst



IR 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.

T C: November 2023: Stack - E R M: A F C

28.11.2023

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

FIBRE DE STACK

Project

: M/s. Ramco Industries Limited, R S No. 71, Near Truck Terminal,

Ibrahimpatnam, Vijayawada, Krishna Dist., Andhra Pradesh-521 456

Sampler used

: Envirotech VSS1

Analyzed under: Olympus make, Japan,

B X 40 Phase Contrast

Microscope

Flow rate

: 10 L P M

Specifications

: As per A I A - R T M 1

IS:11450 & ISO:10397

Sampling Duration: 10 minutes

Membrane Filter Method

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV) AS PER MoEF & PCB = 0.2 fibre per cc of air.

Date of sampling	Location	Condition	Dust concentration fibre /cc of air	Remarks
23.11.2023	Fibre Stack connected to B O D & Edge Running Mill		0.079	

For J.R. LABS

Research Fibre Analyst

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

Ref. No PCB/Amb Mar'24 02.04.2024

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

(Dial 18002666868) (Wear Masks, Mary Rel Masks

RN410392055IN IVR:8278410392055 RL VTPS 5.0 <521456> Counter No:2,02/04/2024,10:09 To:ENVIRONMENTAL.AP POLLUTION PIN:520008, Vj Polytechnic S.O From:RAMCO INDUSTRIES.VTPS Wt:60gms,REG=17.0 Amt:37.76(Cash)Tax:5.76

Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

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

- 1. Ambient air quality data-test report date 09.03.2024
- 2. Stack monitoring data-test report date: 09.03.2024 (stack attached to cement silo)
- 3. Stack monitoring data-test report date: 09.03.2024 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 09.03.2024 (stack attached to DG set)
- 5. Dust (Fugitive) emission monitoring date report date 09.03.2024 (Cement and Fly ash storage silo area)
- Noise Level test report date: 09.03.2024
- 7. Fiber concentrations dust levels report date: 23.03.2024
- 8. Air Ambient Quality Monitoring Reading March'2024

Kindly acknowledge receipt.

Thanking you, Yours faithfully, For Ramco Industries Limited

[P.Ananda Rao]

Asst. General Manager Works













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/2024

Date: 09-03-2024

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

04-03-2024

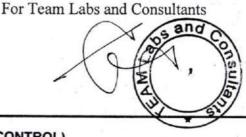
Ambient Temperature

36° C

Sl. No	Location	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO ₂ (μg/m³)	NO _χ (μg/m³)	
1.	Near Admn. building	46	21	7.8	17.4	
2.	Near security gate	59	30	8.5	19.6	
3.	Near Guest House	43	19	7.4	17.0	
4.	Near Cone tank area	54	27	8.2	18.8	
5.	A.P.P.C.B Limits	100	60	80	80	

: Particulate Matter (size less than 10 µm) PM₂₅: Particulate Matter (size less than 2.5 μm)

SO2 : Sulphur Dioxide $NO_{\mathbf{x}}$: Oxides of Nitrogen



(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

NABL Accredited Laboratory



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

REF: TEAM/RIL/SM/2024

Date: 09-03-2024

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 Cement Silo after Bag filter

Date of Monitoring

04-03-2024

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

56°C

4. Exit Velocity of flue gases (m/sec):

10.88

5. Flow rate (Nm³/hr)

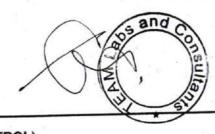
4434.67

Emission Data (mg/Nm3)

6. Suspended Particulate Matter (mg/Nm³) : 18.6

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

REF: TEAM/RIL/SM/2024

Date: 09-03-2024

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.

1

Sample Particulars

: Stack attached to Fibre bag machine after bag filter

Date of Monitoring
Time of Monitoring

04-03-2024 12.30 P.M.

1. Stack Diameter (m)

0.25

2. Stack cross sectional area (sq m)

0.049

3. Flue gas temperature

52°C

4. Exit Velocity of flue gases (m/sec):

11.85

5. Flow rate (Nm³/hr)

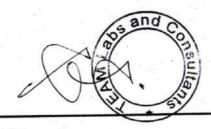
1916.68

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 1.1

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: 09-03-2024

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 Time of Monitoring 04-03-2024 3.20 P.M.

1. Stack Diameter (m)

0.20

2. Stack cross sectional area (sq m)

0.03

3. Flue gas temperature

253°C

4. Exit Velocity of flue gases (m/sec):

11.92

5. Flow rate (Nm³/hr)

729.34

Emission Data

6. Particulate Matter
7. Sulphurdioxide

: 30

8. Oxides of Nitrogen (PPM)

: 146

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)

NABL Accredited Laboratory



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

REF.NO: TEAM/RIL/DE/2024

Date: 09-03-2024

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

: 05-03-2024

Ambient Temperature

: 36.5°C

*	Sl. No	Location	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO_2 (µg/m³)	NO_{x} ($\mu g/m^{3}$)	
_	1. Cemen	t Storage silo area	65	39	8.2	19.5	
	2. Fly ash	Storage silo area	69	41	8.4	19.8	

PM : Particulate Matter (Size less than 10 μm)

PM : Particulate Matter (Size less than 2.5 μm)

SO : Sulphur Dioxide

NO : Oxides of Nitrogen

For Team Labs and Consultants

DL)

(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

NABL Accredited Laboratory



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

REF: TEAM/RIL/NL/2024

Date: 09-03-2024

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

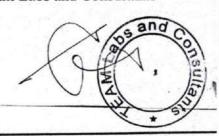
Krishna (Dt). A.P.

Sample Particulars Date of Monitoring : Noise Levels : 04-03-2024

S.No Location Noise Levels dB(A) Day Time Night Time 69.4 1. Near Work Zone Area 70.0 69.6 Near Pulveriser 70.4 2. 56.2 Near Main Gate 58.8 3. Near Canteen 58.6 55.0 4. 58.5 5. Near Scrap Yard 61.2

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)

NABL Accredited Laboratory



RAMCO INDUSTRIES LIMITED

Asst General Manager R.S. No.71, Near Truck Terminal Ibrahimpatnam-521456 Krishna District, AP

Arakkonam Date:23.03.2024

We are giving below the count report of fibre dust samples received from VIJAYAWADA factory for the month of March-'24.

	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	02.03.2024	Fibre Godown	S	1000	240	12	1000
2	02.03.2024	Fibre mill	Р	1000	240		0.026
3	02.03.2024	Slurry Mixer	Р	1000	240	13	0.029
4	03.03.2024	Sheet Machine	S	1000		9	0.020
5	03.03.2024	Moulding	Р		240	7	0.015
6		Corrugator	S	1000	240	9	0.020
7	04.03.2024	Loading area		1000	240	7	0.015
8			Р	1000	240	8	0.018
		QC Laboratory	P	1000	240	5	0.011
9	04.03.2024	Pulverizer	S	1000	240	10	0.022
10	03.03.2024	Salvage Machine	Р	1000	240	8	0.022

Remarks:-

*P-Personal

*S-Static

Un able to process for S. Tay h

SENTOR QUALITY MANAGER

Hard copy of report along with sample boxes will be sent through courier

Ramco Industries Limited Ibrahimpatnam, Krishna District.

AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF MARCH 2024

Date	Near Sec	urity gate	Near Admi	in Building	Near Cone	Tank Area
Date	PM10	PM 2.5	PM10	PM 2.5	PM10	PM 2.5
01-03-2024	43	29	56	21	53	28
02-03-2024	48	30	51	19	56	26
03-03-2024	.50	28	54	18	51	29
04-03-2024	53	27	43	23	54	28
05-03-2024	56	26	43	20	43	25
06-03-2024	51	29	50	19	43	26
07-03-2024	54	33	40	23	50	26
08-03-2024	43	30	45	20	48	27
09-03-2024	43	28	43	19	46	18
10-03-2024	52	23	46	20	49	30
11-03-2024	54	22	43	20	59	30
12-03-2024	48	29	50	19	58	29
13-03-2024	52	32	48	23	53	33
14-03-2024	,51	26	47	19	51	22
15-03-2024	45	29	40	20	48	29
16-03-2024	53	27	43	23	49	28
17-03-2024	48	26	43	20	43	25
18-03-2024	49	26	52	18	43	19
19-03-2024	43	24	43	19	46	18
20-03-2024	50	26	50	20	56	23
21-03-2024	48	29	48	22	40	20
22-03-2024	46	28	49	18	56	19
23-03-2024	56	25	48	21	40	23
24-03-2024	52	23	46	20	49	30
25-03-2024	54	22	43	20	59	30
26-03-2024	48	26	52	18	43	19
27-03-2024	46	28	49	18	53	19
28-03-2024	56	25	48	21	40	23
29-03-2024	40	26	50	19	45	20
30-03-2024	56	26	52	18	43	19
31-03-2024	56	25	48	21	40	23

I Senthil Asst. Manager - Quality FOR RAMCO INDUSTRIES LTD.,

P. ANANDA RAO Asst. 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 Feb'24 01.03.2024

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

(Dial 18002666868) (Wear Masks, Stay Safe)

RN514551506IN IVR:8278514 RL VTPS S.0 (521456) Counter No: 2,02/03/2024,11:42 To: THE ENVIRONME, REGIONAL OFFICE PIN:520008, Vi Polytechnic S.O. From: RAMCO INDUSTRIES LTD . IBM Wt:60gms.REG=17.0 Amt:37.76(Cash)Tax:5.76 (Track on 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 February'24 for your reference.

- 1. Ambient air quality data-test report date 12.02.2024
- 2. Stack monitoring data-test report date: 12.02.2024 (stack attached to cement silo)
- 3. Stack monitoring data-test report date: 12.02.2024 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 12.02.2024 (stack attached to DG set)
- 5. Dust (Fugitive) emission monitoring date report date 12.02.2024 (Cement and Fly ash storage silo area)
- Noise Level test report date: 12.02.2024
- 7. Fiber concentrations dust levels report date: 29.02.2024
- Air Ambient Quality Monitoring Reading February'2024

Kindly acknowledge receipt.

Thanking you, Yours faithfully,

For Ramco Industries Limited

[P.Ananda Rao]

Asst. General Manager Works













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/AAQ/2024

Date: 19-02-2024

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

12-02-2024

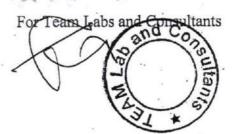
Ambient Temperature

32° C

SI	. No.	Location		PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO ₂ (μg/m³)	NO _x (μg/m³)		
	1.	Near Admn. building		49	24	8.2	17.8	*	*
	2.	Near security gate	16.7	65	33	9.0	20.4		
	3.	Near Guest House	e	46	21	7.6	17.2		
	4.	Near Cone tank area		58	29	8.4	18.5		20
	5.	A.P.P.C.B Limits		100	60	80	80		٠

 PM_{10} : Particulate Matter (size less than 10 μm) $PM_{2.5}$: Particulate Matter (size less than 2.5 μm)

SO₂ : Sulphur Dioxide NO₂ : Oxides of Nitrogen





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REF: TEAM/RIL/SM/2024

Date: 19-02-2024

STACK MONITORING DATA

Name of the Industry

Address

M/s. RAMCO INDUSTRIES LIMITED

R.S.No.71, Near U.D.A. Truck Terminal

Ibrahimpatnam -521 456

Krishna (Dt). A.P.

Sample Particulars : Stack attached to Cement Silo after Bag filter

Date of Monitoring : 12-02-2024 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 : 54°C
4. Exit Velocity of flue gases (m/sec): 10.85
5. Flow rate (Nm³/hr) : 4449.49

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 19.2

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: TEAM/RIL/SM/2024

Date: 19-02-2024

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

12-02-2024

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

51°C

4. Exit Velocity of flue gases (m/sec):

11.58

5. Flow rate (Nm³/hr)

1878.79

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 1.4

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

For Team Labs and Consultants

(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

NABL Accredited Laboratory



Labs and Consultants

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/2024

Date: 19-02-2024

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

12-02-2024

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

259 °C

4. Exit Velocity of flue gases (m/sec):

12.38

5. Flow rate (Nm³/hr)

748,94

Emission Data

6. Particulate Matter

7. Sulphurdioxide

29

8. Oxides of Nitrogen (PPM)

: 151

9. Carbon monoxide

: 118

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

For Team Dales and Cons

(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

NABL Accredited Laboratory



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

REF.NO: TEAM/RIL/DE/2024

Date: 19-02-2024

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

: 13-02-2024

Ambient Temperature : 32.5°C

Sl. No Location	PM ₁₀ (μg/m³)	$PM_{2.5}$ ($\mu g/m^3$)	SO ₂ (μg/m³)	NO _x (μg/m³)	
Cement Storage silo area	67	38	8.0	19.8	
2. Fly ash Storage silo area	74	43	8.5	20,2	×**

PM : Particulate Matter (Size less than 10 μ m)

PM : Particulate Matter (Size less than 2.5 µm)

SO: Sulphur Dioxide

NO : Oxides of Nitrogen

For Tearr Labs and Conturant



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: 19-02-2024

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.

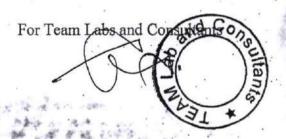
Sample Particulars Date of Monitoring

: Noise Levels

: 12-02-2024

S.No	Location			5		Noise Leve	ls dB(A)	990)
						Day Time	Night Time	
1.	Near Work Zone Are	a	, N			70.6	69.2	* ,
2.	Near Pulveriser		240			70.8	69.5	32
3.	Near Main Gate		*	140		59.2	56.8	
4.	Near Canteen	17.00				59.0	55.4	
5.	Near Scrap Yard				*	61.5	58.6	

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



RAMCO INDUSTRIES LIMITED

Asst General Manager R.S. No.71, Near Truck Terminal Ibrahimpatnam-521456 Krishna District, AP

Arakkonam Date:29.02.2024

We are giving below the count report of fibre dust samples received from VIJAYAWADA factory for the month of FEB-'24.

	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc
1	10.02.2024	Fibre Godown	S	1000	240	8	0.018
2	10.02.2024	Fibre mill	Р	1000	240	10	0.022
3	11.02.2024	Slurry Mixer	Р	1000	240	6	0.013
4	10.02.2024	Sheet Machine	S	1000	240	7	0.015
5	12.02.2024	Moulding	Р	1000	240	8	0.018
6	11.02.2024	Corrugator	S	1000	240	6	0.013
7	12.02.2024	Loading area	P	1000	240	8	0.018
8	11.02.2024	QC Laboratory	Р	1000	240	4	0.009
9	11.02.2024	Pulverizer	S	1000	240	10	0.022
10	12.02.2024	Salvage Machine	Р	1000	240	8	0.018

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR QUALITY MANAGER

Feb-24

Ramco Industries Limited Ibrahimpatnam, Krishna District.

AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF FEBRUARY 2024

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

I Senthil

Asst. Manager - Quality

FOR RAMCO INDUSTRIES LTD.,

P. ANANDA RAO Asst. 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'24 01.02.2024

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

Dial 18002666868> (Wear Masks, Stay Safe) आएतीय डात

RN410387395IN IVR:8278410387395
RL VTPS S.0 <521456>
Counter No:2.01/02/2024.12:01
To:THE ENVIRONME.REGINAL OFFICE
PIN:520008. Vi Polytechnic S.0
From:RAMCO INDUSTRIES LTD,IBM
Wt:60gms.REG=17.0
Amt:37.76(Cash)Tax:5.76
<Track on wnw.indiapost.gov.in>

Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

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

- Ambient air quality data-test report date 10.01.2024
- 2. Stack monitoring data-test report date: 10.01.2024 (stack attached to cement silo)
- 3. Stack monitoring data-test report date: 10.01.2024 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 10.01.2024 (stack attached to DG set)
- 5. Dust (Fugitive) emission monitoring date report date 10.01.2024 (Cement and Fly ash storage silo area)
- 6. Noise Level test report date: 10.01.2024
- 7. Fiber concentrations dust levels report date: 13.01.2024
- 8. Air Ambient Quality Monitoring Reading January'2024

Kindly acknowledge receipt.

Thanking you, Yours faithfully, For Ramco Industries Limited

[P.Ananda Rao]

Asst. General Manager Works













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/2024

Date: 10-01-2024

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

03-01-2024

Ambient Temperature

31° C

Sl. No.	Location	 PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO ₂ (μg/m³)	NO _x (μg/m³)		
1.	Near Admn. building	47	23	8.0	17.5	ež:	3
2.	Near security gate	60	31	8.4	19.2		
3.	Near Guest House	42	18	7.2	16.8		
4.	Near Cone tank area	56	25	7.5	18.0		
5.	A.P.P.C.B Limits	100	60 .	80	80		

 PM_{10} : Particulate Matter (size less than 10 μm) PM_{25} : Particulate Matter (size less than 2.5 μm)

SO₂ : Sulphur Dioxide NO_x : Oxides of Nitrogen

For Team Labs and Consumer Con



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: TEAM/RIL/SM/2024

Date: 10-01-2024

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 Cement Silo after Bag filter

Date of Monitoring

03-01-2024

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

51°C

4. Exit Velocity of flue gases (m/sec):

10.52

5. Flow rate (Nm³/hr)

4354.11

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 17.4

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

For Team Labs and



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: 10-01-2024

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

03-01-2024

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

49°C

4. Exit Velocity of flue gases (m/sec):

11.3

5. Flow rate (Nm³/hr)

1844.74

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 1.2

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

For Team Labs and Consulta

(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

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



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: 10-01-2024

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
Time of Monitoring

03-01-2024 3.45 P.M.

1. Stack Diameter (m)

0.20

2. Stack cross sectional area (sq m) :

0.03

3. Flue gas temperature

255 °C

4. Exit Velocity of flue gases (m/sec):

11.94

5. Flow rate (Nm³/hr)

727.79

Emission Data

6. Particulate Matter

: 35

7. Sulphurdioxide

: 32

8. Oxides of Nitrogen (PPM)

: 154

9. Carbon monoxide

: 120

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

For Team Labs and On and Co

(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL)

NABL Accredited Laboratory

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



Labs and Consultants

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.NO: TEAM/RIL/DE/2024

Date: 10-01-2024

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

: 04-01-2024

Ambient Temperature

: 30°C

Sl. No Lo	ocation	40	PM_{10} ($\mu g/m^3$)	$PM_{2.5}$ ($\mu g/m^3$)	SO_2 $(\mu g/m^3)$	NO_x ($\mu g/m^3$)	
1. Cement Storag	ge silo area		64	35	7.8	19.4	
2. Fly ash Storag	ge silo area	2	71	39	8.2	19.6	

PM : Particulate Matter (Size less than 10 μm)

PM : Particulate Matter (Size less than 2.5 μm)

SO: Sulphur Dioxide

NO_x: Oxides of Nitrogen

For Team-Labs and Consuma Gong



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: 10-01-2024

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
Date of Monitoring

: Noise Levels

: 03-01-2024

S.No	Location	Noise Leve	ls dB(A)
	9	Day Time	Night Time
1	Near Work Zone Area	70.2	69.5
2.	Near Pulveriser	70.5	69.8
3.	Near Main Gate	58.6	56.0
4.	Near Canteen	58.4	55.2
5.	Near Scrap Yard	61.8	59.4

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

For Team Labs and Consideration of the Labs and Consideration of t



RAMCO INDUSTRIES LIMITED

Asst General Manager R.S. No.71, Near Truck Terminal Ibrahimpatnam-521456 Krishna District, AP

Arakkonam Date:13.01.2024

We are giving below the count report of fibre dust samples received from VIJAYAWADA factory for the month of Jan-'24.

	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc
1	05.01.2024	Fibre Godown	s	1000	240	10	0.022
2	05.01.2024	Fibre mill	Р	1000	240	11	0.024
3	03.01.2024	Slurry Mixer	Р	1000	240	7	0.015
4	05.01.2024	Sheet Machine	S	1000	240	6	0.013
5	05.01.2024	Moulding	Р	1000	240	6	0.013
6	04.01.2024	Corrugator ^f	S	1000	⁺ 240	7	0.015
7	05.01.2024	Loading area	Р	1000	240	5	0.011
8	03.01.2024	QC Laboratory	Р	1000	240	4	0.009
9	04.01.2024	Pulverizer	S	1000	240	9 .	0.020
10	05.01.2024	Salvage Machine	Р	1000	240	7	0.015

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR QUALITY MANAGER

Ramco Industries Limited Ibrahimpatnam, Krishna District.

AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF JANUARY 2024

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

Luy

1 Senthil

Asst. Manager - Quality

FOR RAMCO INDUSTRIES LTD.,

P. AWANDA RAO Asst. 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 December'23 03.01.2024

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

(Dial 18002666858) (Wear Mas Marthwest Case

RN410380763IN IVR:8278410380763
RL VTPS 5.0 (521456)
Counter No:2.03/01/2024.10:59
To:THE ENVIRONME.AP POLLUTION CON
PIN:520008, Vi Polytechnic S.0
From:RAMCO INDUS.NEAR TRUCK TERMI
Wt:70gms.REG=17.0
Ant:43.66(Cash)Tax:6.66

Dear Sir,

Sub: Submission of Ambient Air Quality data etc.

We submit herewith the copy of reports for the month of December'23 for your reference.

- 1. Ambient air quality data-test report date 16.12.2023
- 2. Stack monitoring data-test report date: 16.12.2023 (stack attached to cement silo)
- 3. Stack monitoring data-test report date: 16.12.2023 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 16.12.2023 (stack attached to DG set)
- 5. Dust (Fugitive) emission monitoring date report date 16.12.2023(Cement and Fly ash storage silo area)
- 6. Noise Level test report date: 16.12.2023
- 7. Fiber concentrations dust levels report date: 29.12.2023
- 8. Air Ambient Quality Monitoring Reading December'2023

Kindly acknowledge receipt.

Thanking you,
Yours faithfully,
For Ramco Industries Limited

[P.Ananda Rao]

Asst. General Manager Works













REF.NO: SDEC/RIL/AAQ/2023

Date: 16-12-2023

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

11-12-2023

Ambient Temperature

33° C

Sl. No.	Location	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO ₂ (μg/m³)	NO_X ($\mu g/m^3$)	
1.	Near Admn. building	44	21	7.6	17.2	
2.	Near security gate	62	35	8.2	19.0	
3.	Near Guest House	40	17	7.0	16.5	
4.	Near Cone tank area	59	28	7.8	18.4	
5.	A.P.P.C.B Limits	100	60	80	80	í.

 PM_{10} : Particulate Matter (size less than 10 μm) $PM_{2.5}$: Particulate Matter (size less than 2.5 μm)

SO₂ : Sulphur Dioxide NO_x : Oxides of Nitrogen

SHI ON WAYNOW SHI OF SHI

Authorised Signatory



REF: SDEC/RIL/SM/2023

Date: 16-12-2023

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 Cement Silo after Bag filter

Date of Monitoring

11-12-2023 10.30 A.M.

Time of Monitoring

0.40

1. Stack Diameter (m) 2. Stack cross sectional area (sq m) :

0.125

3. Flue gas temperature

52°C

4. Exit Velocity of flue gases (m/sec):

11.08

5. Flow rate (Nm³/hr)

4571.77

Emission Data (mg/Nm3)

Suspended Particulate Matter (mg/Nm³) : 18.6

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

Authorised Signatory

K. Manohar



REF: SDEC/RIL/SM/2023

Date: 16-12-2023

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

11-12-2023

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):

11.52

5. Flow rate (Nm³/hr)

1886.52

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 1.5

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



Authorised Signatory



REF: SDEC/RIL/SM/2023

Date: 16-12-2023

STACK MONITORING DATA

Name of the Industry

Address

M/s.RAMCO INDUSTRIES LIMITED

R.S.No.71, Near U.D.A. Truck Terminal

Ibrahimpatnam -521 456

Krishna (Dt). A.P.

Sample Particulars

Date of Monitoring

: Stack attached to 750 KVA D.G.Set

Time of Monitoring

11-12-2023 4.00 P.M.

1. Stack Diameter (m)

0.20

2. Stack cross sectional area (sq m)

0.03

Flue gas temperature

257 °C

4. Exit Velocity of flue gases (m/sec):

11.96

5. Flow rate (Nm³/hr)

726.26

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 31

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

ON ENVIRONMENT OF ANIMAL PROPERTY OF ANIMAL PROPERT

Authorised Signatory

K. Manohar

Technical Manager



REF.NO: SDEC/RIL/DE/2023

Date: 16-12-2023

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 Ambient Temperature : 12-12-2023

: 32.5°C

Sl. No	Location	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO_2 (µg/m³)	NO $_{x}$ ($\mu g/m^{3}$)	
1. Cemer	nt Storage silo area	68	37	8.4	20.5	
2. Fly as	h Storage silo area	72	41	8.6	21.0	

: Particulate Matter (Size less than 10 µm) PM

PM Particulate Matter (Size less than 2.5 µm)

Sulphur Dioxide SO NO,

Oxides of Nitrogen

Authorised Signatory



REF: SDEC/RIL/NL/2023

Date: 16-12-2023

TEST REPORT

NOISE LEVELS

Name of the Industry

Address

: M/s. RAMCO INDUSTRIES LIMITED

R.S.No.71, Near U.D.A. Truck Terminal

Ibrahimpatnam - 521 456

Krishna (Dt). A.P.

Sample Particulars
Date of Monitoring

: Noise Levels : 11-12-2023

S.No	Location		Noise Level	ls dB(A)
	4 =	-	Day Time	Night Time
1.	Near Work Zone Area		70.5	69.8
2.	Near Pulveriser		70.8	70.0
2. 3.	Near Main Gate		59.0	56.4
4.	Near Canteen		58.6	55.6
5.	Near Scrap Yard		61.2	58.5

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



Authorised Signatory

K. Manohar

Technical Manager



RAMCO INDUSTRIES LIMITED

Asst General Manager

R.S. No.71, Near Truck Terminal Ibrahimpatnam-521456

Krishna District, AP

Arakkonam

Date:29.12.2023

We are giving below the count report of fibre dust samples received from VIJAYAWADA factory for the month of Dec-'23.

	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc
1	06.12.2023	Fibre Godown	S	1000	240	6	0.013
2	06.12.2023	Fibre mill	Р	1000	240	8	0.018
3	06.12.2023	Slurry Mixer	Р	1000	240	4	0.009
4	07.12.2023	Sheet Machine	S	1000	240	5	
5	07.12.2023	Moulding	Р	1000	240	4	0.011
6	07.12.2023	Corrugator	S	1000	240	6	0.009
7	07.12.2023	Loading area	Р	1000	240	3	0.013
8	08.12.2023	QC Laboratory	Р	1000	240	5	0.007
9	08.12.2023	Pulverizer	S	1000	240		0.011
10	08.12.2023	Salvage Machine	Р	1000	240	8 -	0.024

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR QUALITY MANAGER

Ramco Industries Limited Ibrahimpatnam, Krishna District.

AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF DECEMBER 2023

Date	Near Sec	urity gate	Near Admi	in Building	Near Cone	Tank Area
Date	PM10	PM 2.5	PM10	PM 2.5	PM10	PM 2.5
01-12-2023	45	29	40	20	48	29
02-12-2023	53	27	46	23	49	28
03-12-2023	48	26	47	20	43	25
04-12-2023	49	26	49	18	43	19
05-12-2023	43	24	43	19	46	18
06-12-2023	48	26	51	20	56	23
07-12-2023	48	19	48	23	51	27
08-12-2023	52	23	46	20	49	30
09-12-2023	59	22	46	20	59	30
10-12-2023	48	29	49	19	61	29
11-12-2023	58	33	48	23	-53	33
12-12-2023	46	26	48	19	45	20
13-12-2023	52	23	45	20	49	30
14-12-2023	54	22	43	20	59	30
15-12-2023	48	29	50	19	58	29
16-12-2023	52	32	48	23	53	33
17-12-2023	46	26	50	19	45	20
18-12-2023	48	26	52	18	43	19
19-12-2023	46	28	49	18	53	19
20-12-2023	56	25	48	21	40	23
21-12-2023	40	26	50	19	45	20
22-12-2023	56	26	52	18	43	19
23-12-2023	56	25	48	21	40	23
24-12-2023	40	26	50	19	45	20
25-12-2023	56	26	52	18	43	19
26-12-2023	49	28	48	23	53	33
27-12-2023	48	30	48	23	48	30
28-12-2023	50	19	48 -	23	51	27
29-12-2023	52	23	46	20	49	30
30-12-2023	59	22	43	20	59	30
31-12-2023	56	25	48	21	40	23

I Senthil

Asst. Manager - Quality

For RAMCO INDUSTRIES LTD.,

P. ANANDA RAO Asst. General Manager(Works)

Drahimpatnam S.O (Krishna) IBRAHIMPATUAM Krishna-521456 OFFICE GSTIV: null



ANA	KARANAYTA	05-12-2023	Date Operator Name	96+96+1071100		Seceipt No
fruomA	V4D	.ojnl .bbA	(smg)tW.loV	searbbA	Reference No	oN IS
39.64	3		AN / ET	THE ENVIRONMENTAL ENGINEER, AP POLLUTION CUTROL BOARD, \$20008	Registered Letter RN506266813IN	1
36.8E			AN / QS	THE MEMBER SECRETARY, APPLICATION CONTROL BOARD,	Registered Letter	7

29.69 2 | lefoT

Payment: Cash : 70.00 TOTAL : 70.00 Amount Returned: 0.00 Total Tax:10.62
Commission:WA
AMS Charge:WA
COD Charge:WA
VPP Commision:WA
Prepaid Amount:WA
MO Value:WA
AN:Track
AM:Track
AM:Tra

GST:10.62

AN: ytu C motsu D

Thank You for Visiting. Please Visit Again





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/AmbNovember'23 02.12.2023

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 October'23 for your reference.

- 1. Ambient air quality data-test report date 18.11.2023
- 2. Stack monitoring data-test report date: 18.11.2023 (stack attached to cement silo)
- 3. Stack monitoring data-test report date: 18.11.2023 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 18.11.2023 (stack attached to DG set)
- Dust (Fugitive) emission monitoring date report date 18.11.2023(Cement and Fly ash storage silo area)
- 6. Noise Level test report date: 18.11.2023
- 7. Fiber concentrations dust levels report date: 21.11.2023
- 8. Air Ambient Quality Monitoring Reading November'2023

Kindly acknowledge receipt.

Thanking you, Yours faithfully,

For Ramgo Industries Limited

[P.Ananda Rao]

Asst. General Manager Works













REF.NO: SDEC/RIL/AAQ/2023

Date: 18-11-2023

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 Ambient Temperature

14-11-2023

34° C

SI. No	. Location	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO ₂ (μg/m³)	NO_X $(\mu g/m^3)$
1.	Near Admn. building	47	23	7.8	17.5
2.	Near security gate	65	38	8.6	19.2
3.	Near Guest House	42	20	7.4	16.8
4.	Near Cone tank area	61	32	8.0	18.6
5.	A.P.P.C.B Limits	100	60	80	80

: Particulate Matter (size less than 10 μm) : Particulate Matter (size less than 2.5 µm)

SO2 : Sulphur Dioxide NO_{x}

: Oxides of Nitrogen

Authorised Signatory



REF: SDEC/RIL/SM/2023

Date: 18-11-2023

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 Cement Silo after Bag filter

Date of Monitoring

15-11-2023

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

53°C

4. Exit Velocity of flue gases (m/sec):

10.83

5. Flow rate (Nm³/hr)

4454.91

Emission Data (mg/Nm3)

6. Suspended Particulate Matter (mg/Nm³) : 19.4

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

Authorised Signatory



REF: SDEC/RIL/SM/2023

Date: 18-11-2023

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

15-11-2023

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

50°C

4. Exit Velocity of flue gases (m/sec):

11.30

5. Flow rate (Nm³/hr)

1839.03

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 1.2

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

A VAMPO

Authorised Signatory



REF: SDEC/RIL/SM/2023

Date: 18-11-2023

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

15-11-2023

Time of Monitoring

: 3.50 P.M.

1. Stack Diameter (m)

0.20

2. Stack cross sectional area (sq m) :

0.03

3. Flue gas temperature

261 °C

4. Exit Velocity of flue gases (m/sec):

12.0

5. Flow rate (Nm³/hr)

723.23

Emission Data (mg/Nm3)

6. Suspended Particulate Matter (mg/Nm³) : 32.5

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

Authorised Signatory



REF.NO: SDEC/RIL/DE/2023

Date: 18-11-2023

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

: 15-11-2023

Ambient Temperature

: 33°C

Sl. No	Location	$PM_{10} (\mu g/m^3)$	PM _{2.5} (μg/m³)	SO_2 (µg/m³)	NO_x ($\mu g/m^3$)
1. Cemer	nt Storage silo area	69	40	9.0	20.8
2. Fly asl	1 Storage silo area	75	43	9.2	21.4

PM : Particulate Matter (Size less than 10 μm)

PM : Particulate Matter (Size less than 2.5 μ m)

SO : Sulphur Dioxide

NO_x: Oxides of Nitrogen

SR SH NIO CHREE

Authorised Signatory



REF: SDEC/RIL/NL/2023

Date: 18-11-2023

TEST REPORT

NOISE LEVELS

Name of the Industry

Address

: M/s. RAMCO INDUSTRIES LIMITED

R.S.No.71, Near U.D.A. Truck Terminal

Ibrahimpatnam – 521 456

Krishna (Dt). A.P.

Sample Particulars Date of Monitoring

: Noise Levels : 15-11-2023

S.No	Location	Noise Levels dB(A)			
		Day Time	Night Time		
1.	Near Work Zone Area	70.0	69.5		
2.	Near Pulveriser	70.6	69.8		
3.	Near Main Gate	59.4	56.2		
4.	Near Canteen	58.8	56.0		
5.	Near Scrap Yard	61.5	58.6		

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



Authorised Signatory

K. Manohar



RAMCO INDUSTRIES LIMITED

Asst General Manager R.S. No.71, Near Truck Terminal Ibrahimpatnam-521456 Krishna District, AP

Arakkonam Date:21.11.2023

We are giving below the count report of fibre dust samples received from VIJAYAWADA factory for the month of Nov-'23.

	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc
1	01.11.2023	Fibre Godown	s	1000	240	11	0.024
2	01.11.2023	Fibre mill	Р	1000	240	13	0.029
3	01.11.2023	Slurry Mixer	Р	1000	240	9	0.020
4	01.11.2023	Sheet Machine	S	1000	240	8	0.018
, 5	01.11.2023	Moulding	Р	1000	240	8	. 0.018
6	02.11.2023	Corrugator	S	1000	240	7	0.015
7	02.11.2023	Loading area	Р	1000	240	9	0.020
8	02.11.2023	QC Laboratory	Р	1000	240	7	0.015
9	03.11.2023	Pulverizer	S	1000	240	10	0.022
10	03.11.2023	Salvage Machine	Р	1000	240	8	. 0.018

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR QUALITY MANAGER

Ramco Industries Limited Ibrahimpatnam, Krishna District.

AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF NOVEMBER 2023

Date	Near Sec	urity gate	Near Admin Building		Near Con	e Tank Area
Date	PM10	PM 2.5	PM10	PM 2.5	PM10	PM 2.5
01-11-2023	46	31	51	24	52	31
02-11-2023	56	27	53	20	51	28
03-11-2023	40	28	54	23	51 .	30
04-11-2023	53	30	51	20	53	29
05-11-2023	40	28	50	19	51	33
06-11-2023	45	26	53	23	50	30
07-11-2023	43	27	56	21	53	28
08-11-2023	52	23	46	20	49	30
09-11-2023	54	22	43	20	59	30
10-11-2023	48	29	50	19	58	29
11-11-2023	52	32	48	23	53	33
12-11-2023	46	26	50	19	45	20
13-11-2023	48	26	52	18	43	19
14-11-2023	46	28	49	18	53 .	19
15-11-2023	56	25	48	21	40	23
16-11-2023	40	26	50	19	45	20
17-11-2023	56	26	52	18	43	19
18-11-2023	49	28	48	23	53	33
19-11-2023	56	22	43	20	59	30
20-11-2023	48	29	50	19	61	29
21-11-2023	58	33	48	23	53	33
22-11-2023	46	26	50	19	45	20
23-11-2023	56	26	52	18	43	19
24-11-2023	56	26	52	18	43	19
25-11-2023	48	30	48	23	48	30
26-11-2023	50	19	48	23	51	27
27-11-2023	52	23	46	20	49	30
28-11-2023	59	22	43	20	59	30
29-11-2023	56	25	48	21	40	23
30-11-2023	51	26	47	19	51	22

I Senthil

Asst. Manager - Quality

For RAMCO INDUSTRIES LTD.,

P. ANANDA HAO Asst. 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/Ambient Stack/October'23 02.11.2023

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 October'23 for your reference.

- 1. Ambient air quality data-test report date 30.10.2023
- 2. Stack monitoring data-test report date: 30.10.2023 (stack attached to cement silo)
- 3. Stack monitoring data-test report date: 30.10.2023 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 30.10.2023 (stack attached to DG set)
- 5. Dust (Fugitive) emission monitoring date report date 30.10.2023(Cement and Fly ash storage silo area)
- 6. Noise Level test report date: 30.10.2023
- 7. Fiber concentrations dust levels report date: 14.10.2023
- 8. Air Ambient Quality Monitoring Reading October'2023

Kindly acknowledge receipt.

Thanking you, Yours faithfully, For Ramco Industries Limited

[P.Ananda Rao]

Asst. General Manager Works













(An NABL ACCREDITED LABORATARY)





REF.NO: SDEC/RIL/AAQ/2023

Date: 30-10-2023

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

27-10-2023

Ambient Temperature

35° C

Sl. No.	Location	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO ₂ (μg/m³)	NO_{χ} ($\mu g/m^3$)
1.	Near Admn. building	49	22	7.5	18.0
2.	Near security gate	64	36	9.0	20.2
3.]	Near Guest House	45	18	7.2	17.6
4. 1	Near Cone tank area	58	29	7.8	18.4
5. A	A.P.P.C.B Limits	100	60	80	80

 $\begin{array}{ll} PM_{_{10}} & : \ \ Particulate \ Matter \ (size \ less \ than \ 10 \ \mu m) \\ PM_{_{2.5}} & : \ \ Particulate \ Matter \ (size \ less \ than \ 2.5 \ \mu m) \end{array}$

SO₂ : Sulphur Dioxide NO_x : Oxides of Nitrogen



Authorised Signatory

K. Manohar Technical Manager

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



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



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



Contact

7092021868 | 9704126787





(An NABL ACCREDITED LABORATARY)





REF: SDEC/RIL/SM/2023

Date: 30-10-2023

STACK MONITORING DATA

Name of the Industry

Address

M/s. RAMCO INDUSTRIES LIMITED

R.S.No.71, Near U.D.A. Truck Terminal

Ibrahimpatnam -521 456 Krishna (Dt). A.P.

Sample Particulars

: Stack attached to Cement Silo after Bag filter

Date of Monitoring

27-10-2023

Time of Monitoring

10.45 A.M.

1. Stack Diameter (m) 2. Stack cross sectional area (sq m) :

0.40 0.125

3. Flue gas temperature

55°C

4. Exit Velocity of flue gases (m/sec):

11.4

5. Flow rate (Nm3/hr)

4660.79

Emission Data (mg/Nm3)

6. Suspended Particulate Matter (mg/Nm³) : 22.6

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



Authorised Signatory

K. Manohar

Technical Manager





(An NABL ACCREDITED LABORATARY)





REF: SDEC/RIL/SM/2023

Date: 30-10-2023

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

27-10-2023

Time of Monitoring

12.30 P.M.

1. Stack Diameter (m)

0.25

2. Stack cross sectional area (sq m) :

0.049

3. Flue gas temperature

52°C

4. Exit Velocity of flue gases (m/sec):

11.6

5. Flow rate (Nm³/hr)

1876.24

Emission Data (mg/Nm3)

Suspended Particulate Matter (mg/Nm³) : 1.4

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



Authorised Signatory

K. Manohar Technical Manager



(An NABL ACCREDITED LABORATARY)





REF: SDEC/RIL/SM/2023

Date: 30-10-2023

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 Time of Monitoring

27-10-2023 3.45 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): 12.46

5. Flow rate (Nm³/hr)

743.99

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 34.8

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



Authorised Signatory

let.

K. Manohar Technical Manager





(An NABL ACCREDITED LABORATARY)





REF.NO: SDEC/RIL/DE/2023

Date: 30-10-2023

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

: 26-10-2023

Ambient Temperature

: 34°C

Sl. No	Location	$PM_{10} (\mu g/m^3)$	$PM_{2.5} (\mu g/m^3)$	SO_2 ($\mu g/m^3$)	NO_x ($\mu g/m^3$)
1. Cemer	nt Storage silo area	65	38	9.2	20.4
2. Fly asl	n Storage silo area	74	46	9.4	21.0

PM : Particulate Matter (Size less than 10 µm)

PM Particulate Matter (Size less than 2.5 µm)

SO Sulphur Dioxide

NO : Oxides of Nitrogen

Authorised Signatory

Technical Manager





(An NABL ACCREDITED LABORATARY)





REF: SDEC/RIL/NL/2023

Date: 30-10-2023

TEST REPORT

NOISE LEVELS

Name of the Industry Address

: M/s. RAMCO INDUSTRIES LIMITED

R.S.No.71, Near U.D.A. Truck Terminal

Ibrahimpatnam – 521 456 Krishna (Dt). A.P.

Sample Particulars Date of Monitoring

: Noise Levels : 27-10-2023

S.No	Location	Noise Levels dB(A)			
		Day Time	Night Time		
1.	Near Work Zone Area	70.2	69.4		
2.	Near Pulveriser	70.5	69.6		
3.	Near Main Gate	60.8	57.0		
4.	Near Canteen	59.0	56.5		
5.	Near Scrap Yard	62.4	59.8		

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



Authorised Signatory

1ct . -

K. Manohar Technical Manager

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



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



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



Contact

7092021868 | 9704126787



sdenvirocare@gmail.com

Ramco Industries Limited Ibrahimpatnam, Krishna District.

AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF OCTOBER 2023

Date		urity gate	Near Admin Building		Near Cone Tank Area	
Date	PM10	PM 2.5	PM10	PM 2.5	PM10	PM 2.5
01-10-2023	51	28	48	23	52	32
02-10-2023	45	26	46	20	49	29
03-10-2023	45	27	48	19	51	22
04-10-2023	47	28	46	20	45	31
05-10-2023	48	27	49	22	50	30
06-10-2023	46	28	49	18	56	. 19
07-10-2023	56	25	48	21	40	23
08-10-2023	51	26	47	19	51	22
09-10-2023	45	29	40	20	48	29
10-10-2023	53	27	43	23	49	28
11-10-2023	48	26	43	20	43	25
12-10-2023	49	26	52	18	43	19
13-10-2023	43	24	43	19	46	18
14-10-2023	50	26	50	20	56	23
15-10-2023	48	29	48	22	40	20
16-10-2023	46	28	49	18	56	19
17-10-2023	56	25	48	21	40	23
18-10-2023	40	26	50	19	45	20
19-10-2023	48	26	52	18	43	19
20-10-2023	40	28	56	23	50	20
21-10-2023	48	30	51	23	48	22
22-10-2023	50	28	45	23	49	18
23-10-2023	40	28	50	19	51	33
24-10-2023	45	26	53	23	50	30
25-10-2023	43	29	56	21	53	28
26-10-2023	48	30	51	19	56	26
27-10-2023	50	28	54	18	51	29
28-10-2023	53	27	43	23	54	28
29-10-2023	56	26	43	20	43	25
30-10-2023	51	29	50	19	43	26
31-10-2023	54	33	40	23	50	26

I Senthil

Asst. Manager - Quality

FOR RAMCO INQUSTRIES LTD.,

P. ANANDA RAO Asst. General Manager(Works)

RAMCO INDUSTRIES LIMITED

Asst General Manager R.S. No.71, Near Truck Terminal Ibrahimpatnam-521456 Krishna District, AP

Arakkonam

Date:14.10.2023

We are giving below the count report of fibre dust samples received from VIJAYAWADA factory for the month of oct-'23.

	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc
1	06.10.2023	Fibre Godown	S	1000	240	13	0.029
2	06.10.2023	Fibre mill	Р	1000	240	12	0.026
3	06.10.2023	Slurry Mixer	Р	1000	240	8	0.018
4	06.10.2023	Sheet Machine	S	1000	240	8	0.018
5	07.10.2023	Moulding	Р	1000	240	9	0.020
6	07.10.2023	Corrugator	S	1000	240	7	0.015
7	05.10.2023	Loading area	Р	1000	240	8	0.018
8	07.10.2023	QC Laboratory	Р	1000	240	6	0.013
9	05.10.2023	Pulverizer	S	1000	240	8	0.013
10	05.10.2023	Salvage Machine	Р	1000	240	7	0.015

Remarks:-

*P-Personal

*S-Static

Un able to process

Hard copy of report along with sample boxes will be sent through courier

SENIOR QUALITY MANAGER



AN ISO 9001:2015 CERTIFIED LAB

ISHAA DIAGNOSTICS & INTERNATIONAL LAB

(DIAGNOSTIC & RESEARCH LAB)

Name

: Mr. G. VENKATESWARA RAO33012

Patient No

: 5183

Registered Date

: 28-Aug-2023 05:16:00 PM

Age/Gender

: 37 Y / Male

Reported Date

: 01-Sep-2023 08:05:48 AM

Bill No

: 5384

Refered By

: RAMCO INDUSTRIES LTD

Reference Range

NO Eye,

Test Description

RESULT

SPECIAL TEST

HEALTH CHECK UP

PHYSICAL EXAMINATION

1. Personal History:

a.Height

166 — cms

b.Weight

68 Kgs

C. Marital Status

Married

d.H/O Alcohol /Smoking

Not an Alcoholic & Smoking

e.Previous H/O- t.b Asthma

Nill

f. Family History

Nill

2. General condition on examnation

a.Built

Moderately Built

b.Nutrition

Moderately Nourished

c.CSV

S1 S2 BP: 123/86 Mm. Hg Pulse: 91/min

d.Respiration

Clinically Clear

e.CNS

NAD

f.P/Abdomen

Soft

g.ENT

NAD

Normal Texture

h.Skin Examination

Spect Rx Sph Cyl Axis Vision

i.Eyes Examination

6/6 RE 6/6 LE

i.Colour Blindness

NONO

3. Other Findings:

NII

**** END OF REPORT ****

* 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 🖂 ishaadiagnostics@gmail.com





Consultant Pathologist
Authorized Signatory

Regd. No. 39333 Dr.Ch. Srinivasa Rao MBBS DCP



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

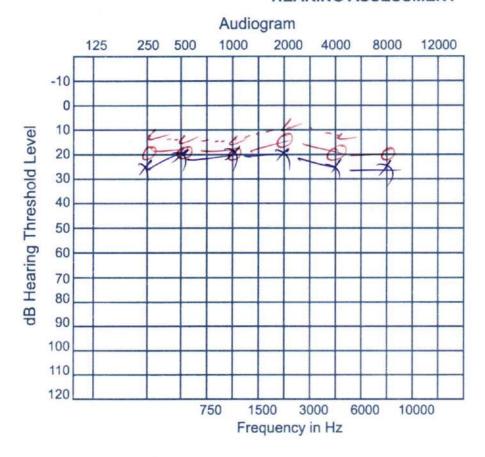
Ph: 8309078133, 9700741344

Timings: Monday to Saturday 9 am to 10 pm

			-			
Sunday	10	am	to	5	pm	

Name G. Venkakswasa,	RaoDate of Birth	Age/Sex 37 /m
Date 98 08 72	ID No36, Referred by Dr	
Complaint/History		

HEARING ASSESSMENT



Audiogram Key

Right	A.C.	Left
0	Unmasked Masked	×
	No Response	9
Q A	Unmasked Masked	×
4	B.C.	
<	Unmasked Masked	<u>></u> □
- 1	No Response	;
5	Unmasked Masked	4 P
	Sound Field	
Unaid	ed	S
Aided No Re	esponse	A ¥

Speech Audiometry

TEST	PTA	SRT	SDS
Right			
Left			
Both			

Audiometric Weber Test

Frequency in Hz	Right	Left
250		
500		
1000		
2000		

Special Tests

	Right	Left
SISI		
TDT		
ABLB		

TEST	40		

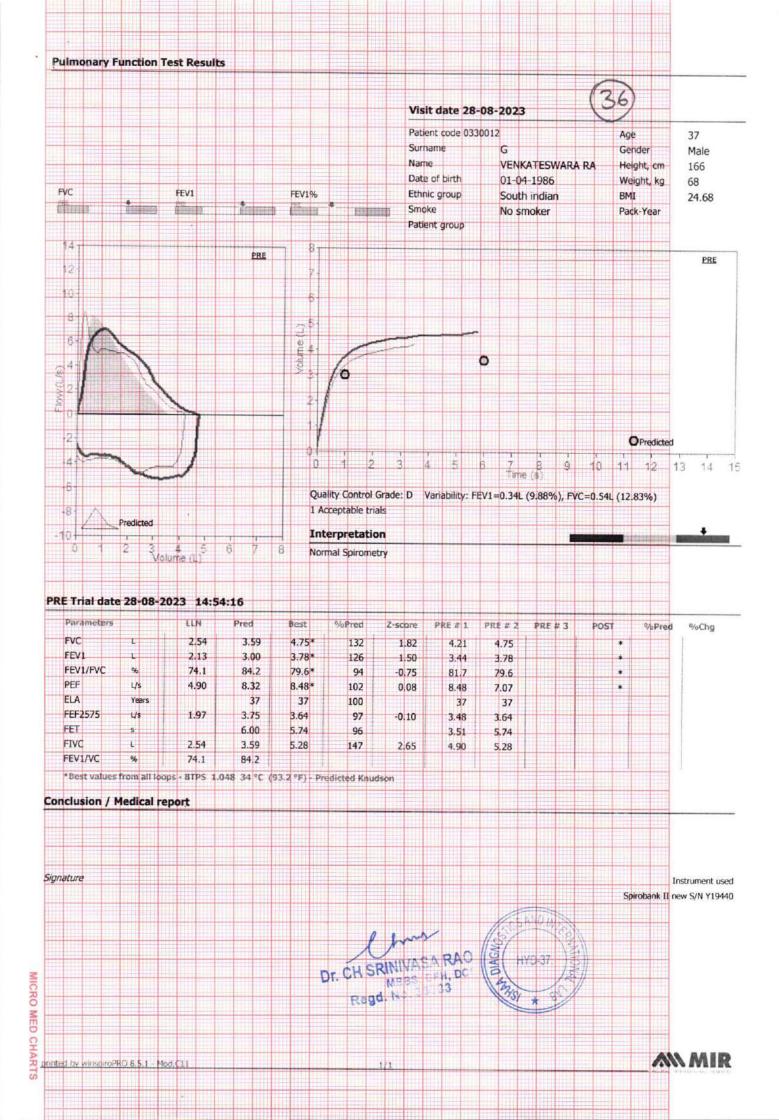
PROVISIONAL DIAGNOSIS: 16/L Normal LIS

RT: 16:3

LT: 20 SMAC

Rinne: Rt

BRinne: Lt Regd.Na 1631 - A60730





ISHAA DIAGNOSTICS & INTERNATIONAL LAB

(DIAGNOSTIC & RESEARCH LAB)

Name

: Mr. G. VENKATESWARA RAO33012

Patient No

: 5057

Registered Date

: 28-Aug-2023 07:38:00 AM

Age/Gender

: 37 Y / Male

Reported Date

: 20-Oct-2023 08:22:45 AM

Bill No

: 5258

Refered By

PLATELETS

: RAMCO INDUSTRIES LTD



	RAMCO INDUSTRIES LTD	
Test Description	RESULT	Reference Range
COMPLETE BLOOD COUNT (CBP)		
Hemoglobin	14.1	12.0-15.0 gm/dL
P.C.V	43	36-46 %
M.C.V	100	83-101 fl
M.C.H	29	27-32 pg
M.C.H.C	32	31.5-34.5 g/dl
RDW	14	11-15 %
RDW-SD	51	35-56 fl
R.B.C. Count	5.0	4.5-5.5 mil/cu.mm
Platelet count	2.8	1.5-4.1 lakhs/cumm
TOTAL WBC COUNT	6400	4000-10000 cells/cmm
DIFFERENTIAL COUNT		
Neutrophils	49	40-80 %
Lymphocytes	40	20-40 %
Eosinophils	06	1 - 6 %
Monocytes	05	2 - 10 %
Basophils	00	0 - 2 %
PERIPHERAL SMEAR.		
RBC MORPHOLOGY	Normocytic Normochromic	
WBC	Within Normal Limits	

**** END OF REPORT ****

Normal And Adequate

* 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.

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MBBS, DFH, DCP
Dr.Ch. Srinwasa Rac MBBS DCP
Consultant Pathologist Signatory







ISHAA DIAGNOSTICS & INTERNATIONAL LAB

(DIAGNOSTIC & RESEARCH LAB)

Name: Mr. G. VENKATESWARA RAO33012

Patient No : 5057 Registered Date : 28-Aug-2023 07:38:00 AM

Age/Gender : 37 Y / Male Reported Date : 20-Oct-2023 08:22:45 AM

Bill No : 5258

Refered 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

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 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

Dr. CH SPINIVASA RAU

MBBS, DFH, DCP

Regd. No. 39333

Dr. Ch. Srinivasa Rao MBBS DCP

Dr.Ch. Srinivasa Rao MBBS DCP Consultant Pathologist d Signatory

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.

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^{*} Suggested Clinical Correlation if needed kindly discuss.





ISHAA DIAGNOSTICS & INTERNATIONAL LAB

(DIAGNOSTIC & RESEARCH LAB)

Name

: Mr. RAJESH33059

Patient No

: 5064

Registered Date

: 28-Aug-2023 07:43:00 AM

Age/Gender

: 36 Y / Male

Reported Date

: 31-Aug-2023 05:53:55 PM

Bill No

: 5265

Refered By

: RAMCO INDUSTRIES LTD

RAMCO INDUSTRIES LTD

Test Description

RESULT

Reference Range

HEALTH CHECK UP

PHYSICAL EXAMINATION

1. Personal History:

a.Height

157 — cms

b. Weight

73 Kgs

C. Marital Status

Married

d.H/O Alcohol /Smoking

Not an Alcoholic & Smoking

e.Previous H/O- t.b Asthma

Nill

f. Family History

Nill

2.General condition on examnation

a.Built

Moderately Built

b.Nutrition

Moderately Nourished

c.CSV

S1 S2 BP: 123/89 Mm. Hg Pulse: 92 /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

6/6 RE 6/6 LE

i.Colour Blindness

NO

3. Other Findings:

NII

**** END OF REPORT ****

* 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.

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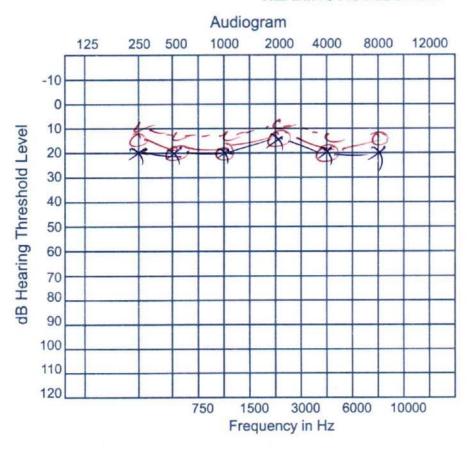
#6-64, First Floor, Beside Royal Junior College, HMT Road, Chintal, Hyderabad - 500 054. Ph: 8309078133, 9700741344

Timings: Monday to Saturday 9 am to 10 pm

Sunday 10 am to 5 pm

Name	Rafesh	Date of Birth	Age/Sex 36/m
Date	28/08/23	ID No Referred by Dr	
Complair	nt/History		

HEARING ASSESSMENT



Audiogram Key

Right	A.C.	Left
0 4	Unmasked Masked	×
	No Response	
Q	Unmasked Masked	×
	B.C.	
<	Unmasked Masked	>
	No Response)
7	Unmasked Masked	477
	Sound Field	
Unaid	ded	S
Aided No R	d esponse	A V

Speech Audiometry

TEST	РТА	SRT	SDS
Right			
Left			
Both			

Audiometric Weber Test

Frequency in Hz	Right	Left
250		
500		
1000		
2000		

Special Tests

	Right	Left
SISI		
TDT		
ABLB		

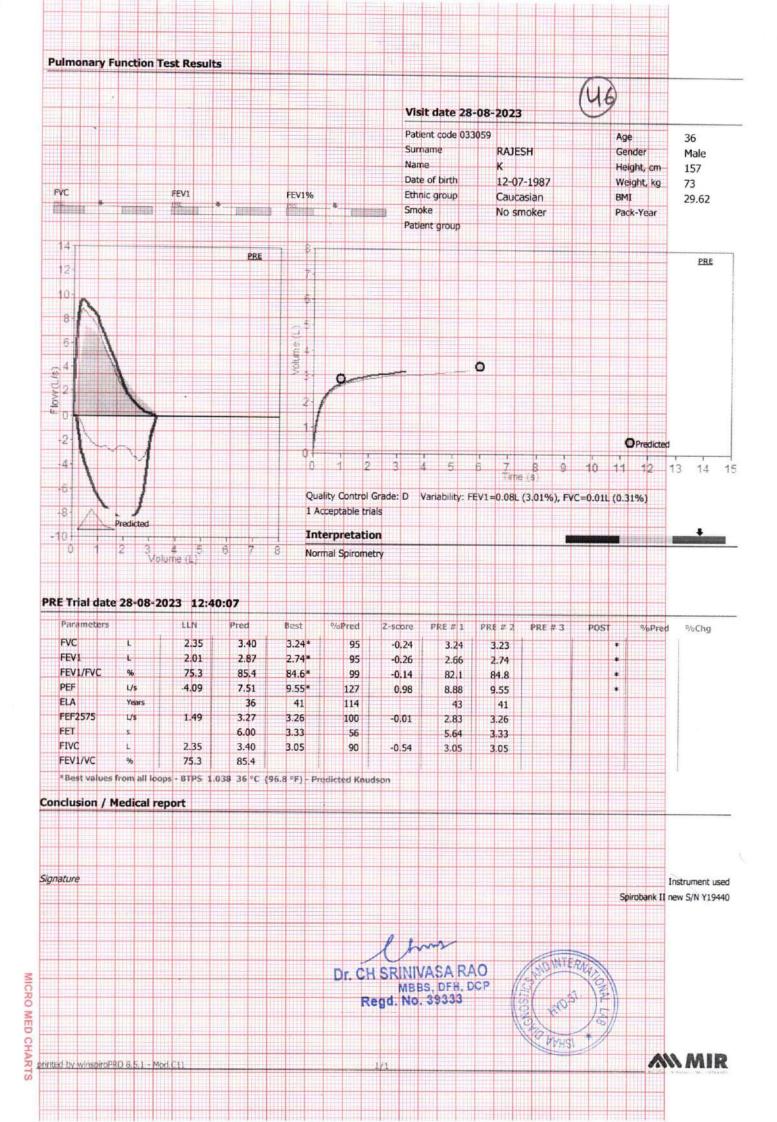
PROVISIONAL DIAGNOSIS: BL NORM Los RT: 15.3 LT: 16.3

K. PRATITE H KUMAR

Bsc (ASLP), Msc Audiology

Audiologis & Speech Therapist

Regd.No. RCI - A60730





ISHAA DIAGNOSTICS & INTERNATIONAL LAB

(DIAGNOSTIC & RESEARCH LAB)

Name : Mr. RAJESH33059

Patient No : 5064

Registered Date : 28-Aug-2023 07:43:00 AM

Age/Gender : 36 Y

: 36 Y / Male Reported Date

: 31-Aug-2023 05:53:55 PM

Bill No : 5265

Refered By

: RAMCO INDUSTRIES LTD

	RAMCO INDUSTRIES LTD	
Test Description	RESULT	Reference Range
COMPLETE BLOOD COUNT (CBP)		
Hemoglobin	13.9	12.0-15.0 gm/dL
P.C.V	43	36-46 %
M.C.V	100	83-101 fl
M.C.H	29	27-32 pg
M.C.H.C	34	31.5-34.5 g/dl
RDW	14	11-15 %
RDW-SD	39	35-56 fl
R.B.C. Count	4.9	4.5-5.5 mil/cu.mm
Platelet count	2.9	1.5-4.1 lakhs/cumm
TOTAL WBC COUNT	6500	4000-10000 cells/cmm
DIFFERENTIAL COUNT		
Neutrophils	53	40-80 %
Lymphocytes	39	20-40 %
Eosinophils	03	1 - 6 %
Monocytes	05	2 - 10 %
Basophils	00	0 - 2 %
PERIPHERAL SMEAR.		
RBC MORPHOLOGY	Normocytic Normochromic	
WBC	Within Normal Limits	
PLATELETS	Normal And Adequate	
BLOOD GROUP		
ABO Grouping	"A"	
Rh Grouping	POSITIVE	
Sputum for AFB Staining (Zeil Nielson S	tain) sample	
	Acid fast bacilli- Not detected	

Day one Sample

Acid fast bacilli- Not detected

* 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.

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Dr. CH SR

Dr.Ch. Srinivasa Rao MBBS DCP Consultant Pathologist



d Signatory



ISHAA DIAGNOSTICS & INTERNATIONAL LAB

(DIAGNOSTIC & RESEARCH LAB)

Name

: Mr. RAJESH33059

Patient No

: 5064

Registered Date

: 28-Aug-2023 07:43:00 AM

Age/Gender

: 36 Y / Male

Reported Date

: 31-Aug-2023 05:53:55 PM

Bill No

: 5265

Refered By

: 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

Negative

Urobilinogen

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 ****

* 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,

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Dr. CH SRINIV

Dr.Ch. Srinivasa Rao MBBS DCP Consultant Pathologist



uthorized Signatory



ISHAA DIAGNOSTICS & INTERNATIONAL LAB

(DIAGNOSTIC & RESEARCH LAB)



: Mr. RADHELAL PATEL33056

Patient No.

: 5063

Registered Date

: 28-Aug-2023 07:42:00 AM

Age/Gender

: 39 Y / Male

Reported Date

: 31-Aug-2023 05:37:50 PM

Bill No

: 5264

Refered By

: RAMCO INDUSTRIES LTD

RAMCO INDUSTRIES LTD

Test Description

RESULT

Reference Range

HEALTH CHECK UP

PHYSICAL EXAMINATION

1. Personal History:

a.Height

161 — cms

b.Weight

60 Kgs

C. Marital Status

Married

d.H/O Alcohol /Smoking

Not an Alcoholic & Smoking

e.Previous H/O- t.b Asthma

Nill

f. Family History

Nill

2.General condition on examnation

a.Built

Moderately Built

b.Nutrition

Moderately Nourished

c.CSV

S1 S2 BP: 121/86 Mm. Hg Pulse: 89 /min

d.Respiration

Clinically Clear

e.CNS

NAD

f.P/Abdomen

Soft

1.1 / 1 10 001

NAD

g.ENT

NAD

h.Skin Examination

Normal Texture

Spect Rx Sph Cyl Axis Vision

i.Eyes Examination

RE --- 6/6 LE --- 6/6

j.Colour Blindness

NO

3. Other Findings:

NII

**** END OF REPORT ****

* 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,

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9001:2015 The Quality Management Sys

Dr. CH SRIMIVA

Dr.Ch. Srinivasa Rao MBBS DCP

Consultant Pathologist





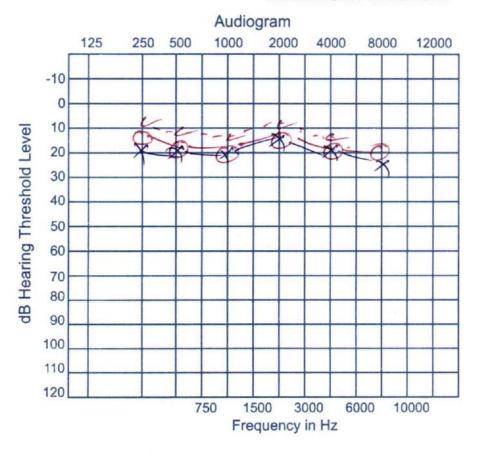
#6-64, First Floor, Beside Royal Junior College, HMT Road, Chintal, Hyderabad - 500 054. Ph: 8309078133, 9700741344

Timings: Monday to Saturday 9 am to 10 pm agim

Sunday 10 am to 5 pm

Name	Radial	al pate	Date	e of Birth	Age/Sex
Date	25/08/23	ID No	45	Referred by Dr.	
Complaint/	History				

HEARING ASSESSMENT



Audiogram Key

Right	A.C.	Left
0	Unmasked Masked	×
	No Response	9
Q A	Unmasked Masked	×
	B.C.	
<	Unmasked Masked	>
	No Response	
7	Unmasked Masked	477
	Sound Field	
Unaid Aided		SA

Speech Audiometry

TEST	РТА	SRT	SDS
Right			
Left			
Both			

Audiometric Weber Test

i	710010111001	0 110001	000
	Frequency in Hz	Right	Left
	250		
	500		
	1000		
	2000		

Special Tests

	Right	Left
SISI		
TDT		
ABLB		

TEST CONDITION:

PROVISIONAL DIAGNOSIS:

Rinne: Rt Bh Norm I to

Speech Therapist Regd.No. RCI - A60730

Pulmonary Function Test Results Visit date 28-08-2023 Patient code 033056 Age 40 Surname RADHELAL Gender Male Name PATEL Height, cm 161 Date of birth 23-06-1983 Weight, kg 60 FVC FEV1 FEV1% Ethnic group BMI Caucasian 23.15 Smoke Smoker Pack-Year 0.15 Patient group PRE PRE 2 10 8 6 volume 0 **O**Predicted 14 Quality Control Grade: D Variability: FEV1=0.06L (2.17%), FVC=0.15L (4.48%) 1 Acceptable trials Interpretation tolume (L)5 Ŭ 6 8 Normal Spirometry PRE Trial date 28-08-2023 12:43:52 Parameters LLN Pred %Pred Z-score PRE# 2 Best PRE # 1 PRE#3 POST %Pred %Chg FVC 2.56 3.61 3.50* 97 3.50 -0.18 3.35 FEV1 2.16 3.02 2.83* 94 -0.37 2.83 2.77 FEV1/FVC 74.3 84.5 80.9* 96 -0.58 80.9 82.7 PEF L/s * 4.32 7.74 7.50* 97 -0.12 7.14 7.50 ELA Years 40 47 118 47 49 FEF2575 1.57 3.35 2.71 -0.59 1/5 81 2.71 2.81 FET 3.94 6.00 66 3.94 2.82 FIVC 2.56 L 3.61 3.35 93 -0.41 3.35 3.57 FEV1/VC % 74.3 84.5 *Best values from all loops - BTPS 1.038 36 °C (96.8 °F) - Predicted Knudson Conclusion / Medical report Signature Instrument used Spirobank II new S/N Y19440 Dr. CH SRINIVASA RAO MICRO MED MBBS, DFH, DCP Regd. No. 39333 CHARTS AN MIR printed by winsproPRO 8.5.1 - Mod.C11



ISHAA DIAGNOSTICS & INTERNATIONALIAR

(DIAGNOSTIC & RESEARCH LAB)

Name

: Mr. RADHELAL PATEL33056

Patient No

: 5063

Registered Date

: 28-Aug-2023 07:42:00 AM

Age/Gender

: 39 Y / Male

Reported Date

: 31-Aug-2023 05:37:50 PM



Bill No

: 5264

Refered By

: RAMCO INDUSTRIES LTD

	RAMCO INDUSTRIES LTD		
Test Description	RESULT	Reference Range	
COMPLETE BLOOD COUNT (CBP)			
Hemoglobin	13.9	12.0-15.0 gm/dL	
P.C.V	43	36-46 %	
M.C.V	89	83-101 fl	
M.C.H	29	27-32 pg	
M.C.H.C	32	31.5-34.5 g/dl	
RDW	14	11-15 %	
RDW-SD	38	35-56 fl	
R.B.C. Count	4.9	4.5-5.5 mil/cu.mm	
Platelet count	2.9	1.5-4.1 lakhs/cumm	
TOTAL WBC COUNT	6500	4000-10000 cells/cmm	
DIFFERENTIAL COUNT			
Neutrophils	51	40-80 %	
Lymphocytes	40	20-40 %	
Eosinophils	05	1 - 6 %	
Monocytes	04	2 - 10 %	
Basophils	00	0 - 2 %	
PERIPHERAL SMEAR.			
RBC MORPHOLOGY	Normocytic Normochromic		
WBC	Within Normal Limits		
PLATELETS	Normal And Adequate		
BLOOD GROUP			
ABO Grouping	"A"		

Sputum for AFB Staining (Zeil Nielson Stain) sample

Day one Sample

Rh Grouping

Acid fast bacilli- Not detected

POSITIVE .

* 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,

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Regd. No. 39333

Dr.Ch. Srinivasa Rao MBBS DCP Consultant Pathologist







ISHAA DIAGNOSTICS & INTERNATIONAL LAB

(DIAGNOSTIC & RESEARCH LAB)

Name

: Mr. RADHELAL PATEL33056

Patient No.

: 5063

Registered Date

: 28-Aug-2023 07:42:00 AM

Age/Gender

: 39 Y / Male

Reported Date

: 31-Aug-2023 05:37:50 PM

Bill No

: 5264

Refered By

: 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

vegative

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 ****

* 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 (C: 99485 87097 | 99894 98383 🖂 ishaadiagnostics@gmail.com

Dr.Ch. Srinivasa Rao MBBS DCP
Consultant Pathologist Signator

