

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

30.10.2024

То

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 April-2024 to September-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, DGM - Works





RAMCO Smart Build

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

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004. T +91 44 2847 8585, www.ramcoindltd.com, 🖂 : ril@ril.co.in

CONDITIONS STIPULATED IN MOEF & CC CLEARANCE - VIJAYAWADA PLANT

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

HALF YEARLY COMPLIANCE : APR'2024 TO SEP'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.	2mg/Nm3 as notification under the Environment (Protection) Act, 1986. Adequate measures have been adopted to control the process emission.
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.	plant premises, process and machinery. Exhaust

S.	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 independen monitoring agency like NIOH / ITRC/NCB or any othe approved agency on a six-monthly basis and reports shall be submitted to the Ministry's Regional Office a Bangalore, SPCB AND CPCB.	 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 the control board of the control boar		
ix	As reflected in the Environmental Management Plan, at the treated effluent shall be recycled and reused in the manufacturing process. No process water shall be discharged outside the premises and 'zero' discharge sha be maintained. All the domestic waste water shall be treated in septic tank followed by soak pit and used for	months. II The entire process water is recycled and reu in the manufacturing process. There are process water discharged outside the premi and we are maintaining ZERO discharge. domestic waste water is treated in septic t followed by soak pit and used for green		

S. No	Specific conditions	Compliance status		
	green belt development.			
Χ.	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 generated including process rejects, dust from bag filters and empty asbestos bags are recycled the 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, blood tests for TLC, DLC, ESR, Hb and records maintained for at least 40 years from the beginning of the employment or 15 years after the retirement or cessation of employment whichever is later. Occupational Health Surveillance shall be carried out as per the directive of the Hon'ble Supreme Court including the recent Kalyaneswari case.	Regular medical examination of the workers and health monitoring of all the employees are carried out. We will maintain record up to minimum 1 years after retirement or cessation of employment whichever is lower. A competent occupational health physician with be appointed to carry out surveillance. The occupational health monitoring is being done a stipulated. We have provided medical and health carr facilities at the work place and carry out health surveillance as per the directives of the suprem court. We have done last medical check-up for the following: Blood, Urine, Sputum, and X-ray don on 28.09.2024. We have also attached 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.	the use of display signs which identifies th 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.	to recharge the ground water		
xvi.	All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 28.06.2013	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.	

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.	All our process water is 100% reused in our manufacturing process.
v.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Noise levels in and around the Plant area are monitored regularly and is well under the limit.
vi.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	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, we spent Rs.7,00,000/- for flood affected victims by distributed essential item kits to 700 families of nearby village.
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.	Rs.4,22,022/-
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.	
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	compliance reports to MOEF regional office every 6 months. We have also made available relevant critical parameters in display board near

S. No	General conditions	Compliance status		
	emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	the main gate.		
xii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored date (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bangalore / CPCB / SPCB shall monitor the stipulated conditions.	The monitoring data has already been sent to the office along with the compliance report for the period October'23 to March'24 in the month of April' 2024.		
xiii.	The environmental statement for each financial year ending 31 st 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.	We are regularly sending the Environmental statement (Form–V, yearly) to state pollution control board.		
xiv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with SPCB and may also be seen at Website of the Ministry of Environment and Forests at <u>http://envfor.nic.in</u> . 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 Dy. General Manager (Works)



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.

13.06.2024

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 **6th June 2024**.

Thanking You

Your's sincerely

For J R LABS

Research Fibre Analyst





Edinburgh U.K., World Health Organization Collaborating Centre for Occupational Health.

13.06.2024

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

Project : M/s. RAMCO INDUSTRIES Ltd., R S No. 71,NEAR TRUCK TERMINAL IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P					ist., A P
Sampler used	:	Samples collected by J R LabsAnalyzed under :Olympus make, Jusing S K C : 224-PCXR8 : I,B X 40 Phase CoS K C : Side Kick 51 Ex &MicroscopeCasella : T13180 – IPersonal Sampler		B X 40 Phase Contrast	
Flow rate Sampling Duration	;	1.0 L P M 60 minutes each	Specifications	;	As per A I A - R T M 1 & 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
1	06.06.2024	<u>Static</u> Fibre Godown	The Static sample is collected from the Fibre Godown. Torn bags are taped. Different grades of Fibre bags are stored in the Fibre Godown. During sampling, Sampler was placed on 3-60-B6 2728 grade Fibre Pallet. Wet moping done.	< 0.1 (0.076)	
2	06.06.2024	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 (0.068)	
3	06.06.2024	<u>Static</u> E R Mill - Hydro disintegrator	B O D, E R Mill and Dust Collector in operation.	< 0.1 (0.052)	

For J R LABS

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Research Fibre Analyst

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



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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.

13.06.2024

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

Project	: M/s. RAMCO INDUSTRIES Ltd., R S No. 71,NEAR TRUCK TERMINAL IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P				
Sampler used	: Samples collected by J R Labs using <u>Casella : AFC 123</u> , <u>Envirotech : APM 800 – VII &</u> <u>S K C : 224-PCXR8:II</u> <u>Personal Sampler</u>	Casella : AFC 123,B X 40 Phase 0tech : APM 800 - VII &Microscope224-PCXR8:IIMicroscope			
Flow rate Sampling Duration	: 1.0 L P M : 60 minutes each	Specifications : As per A I A - F & IS : 11450 - N 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	06.06.2024	<u>Personal</u> 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 (0.048)	
5	06.06.2024	<u>Personal</u> 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 (0.092)	
6	06.06.2024	<u>Personal</u> M G Section - Moulding	The worker carrying the Sampler was making R1 & R2 moulded articles. Semi wet process.	< 0.1 (0.084)	

For J R LABS

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Research Fibre Analyst





Edinburgh U.K., World Health Organization Collaborating Centre for Occupational Health.

13.06.2024

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

Project : M/s. RAMCO INDUSTRIES Ltd., R S No. 71,NEAR TRUCK TERMINAL IBRAHIMPATNAM, VIJAYAWADA, KRISHNA Dist., A P				
Sampler used	:	Samples collected by J R Labs using <u>Envirotech : APM 800 – VIII,</u> <u>Envirotech : APM 800 – VI &</u> <u>Envirotech : APM 800 – III</u> <u>Personal Sampler</u>	Analyzed under :	Olympus make, Japan, B X 40 Phase Contrast Microscope
Flow rate Sampling Duration	::	1.0 L P M 60 minutes each	Specifications :	As per A I A - R T M 1 & IS : 11450 – Membrane Filter Method

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

Sl. No.	Date of sampling	Location	Condition	Dust concentration fibre /cc of air	Remarks
7	06.06.2024	<u>Personal</u> Pulverizer	The worker carrying the Sampler was feeding broken F C C Sheets through the Chute of Pulverizer.	< 0.1 (0.072)	
8	06.06.2024	<u>Personal</u> Ball Mill	The worker carrying the Sampler was engaged in operation of Ball Mill including feeding of Sludge. Wet Process.	< 0.1 (0.032)	
9	06.06.2024	<u>Personal</u> Salvaging	The worker carrying the Sampler was reclaiming the Sheets. F C C rejected Sheets were getting reclaimed. Wet process.	< 0.1 (0.056)	

For J R LABS

Research Fibre Analyst





13.06.2024

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

	Project	:	M/s. RAMCO INDUSTRIES Ltd. R S No. 71,NEAR TRUCK TERMIN IBRAHIMPATNAM, VIJAYAWAI	NAL	, A P
	Sampler used	:	Samples collected by J R Labs using <u>Envirotech : APM 800 – V &</u> <u>S K C:AirLite</u> <u>Personal Sampler</u>	Analyzed under :	Olympus make, Japan, B X 40 Phase Contrast Microscope
2	Flow rate Sampling Duration	:	1.0 L P M 60 minutes each	Specifications :	As per A I A - R T M 1 & 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
10	06.06.2024	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 (0.076)	
11	06.06.2024	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 (0.060)	

For J R LABS







13.06.2024

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

	Project	:	M/s. RAMCO INDUSTRIES I R S No. 71,NEAR TRUCK TER IBRAHIMPATNAM, VIJAYAV	MINAL	ist., A P	
U	Sampler used	:	Samples collected by J R Labs using <u>Spectro : SLE-PS-154 : I</u> <u>Personal Sampler</u>	Analyzed under :	Olympus make, Japan, B X 40 Phase Contrast Microscope	
	Flow rate Sampling Duration	: :	1.0 L P M 60 minutes	Specifications :	As per A I A - R T M 1 & IS : 11450 – Membran Filter Method	e

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

Sl. No.	Date of sampling	Location	Condition	Dust concentration fibre /cc of air	Remarks
12	06.06.2024	<u>Static</u> Work Zone of the Plant	The Static sample is collected from near Production Office during the production of F C C Sheets.	< 0.1 (0.080)	

For J R LABS

Research Fibre Analyst





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.

13.06.2024

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

Project	:	M/s. RAMCO INDUSTRIES L R S No. 71,NEAR TRUCK TERM IBRAHIMPATNAM, VIJAYAW	MINAL	Dist., A P
Sampler used	:	Samples collected by J R Labs using <u>Spectro : SLE-PS-154 : II,</u> <u>Envirotech APM 800 – I &</u> <u>Casella:T13180 – II</u> <u>Personal Sampler</u>	Analyzed under:	Olympus make, Japan, B X 40 Phase Contrast Microscope
Flow rate Sampling Duration		1.0 L P M 60 minutes each	Specifications :	As per A I A - R T M 1 & IS : 11450 - Membrane Filter Method

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

Sl. No.	Date of sampling	Location	Condition	Dust concentration fibre /cc of air	Remarks
13	06.06.2024	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 (0.064)	
14	06.06.2024	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 (0.028)	
15	06.06.2024	Static Ambient Air :- Near Canteen	The Static sample is collected from near Canteen. Plant was in production of F C C Sheets.	< 0.1 (0.048)	

For J R LABS

Research Fibre Analyst

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



☎ : 040-42300546, 27230750, 27230966 Fax : 040-23775321 E-mail : jrlabs@gmail.com jrlabs@rediffmail.com jr.labs@yahoo.in



T C : June 2024 : Stack – E R M : A F C

13.06.2024

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

FIBRE D E STACK

Project	:				71, Near Truck Terminal, , 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
06.06.2024	Fibre Stack connected to B O D & Edge Running Mill		0.081	

For J R LABS

Research Fibre Analyst





T C : June 2024 : Stack – E R M : A F C

13.06.2024

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

FIBRE DE STACK

Project	:		mco Industries Limited, R S No. 71, Near Truck Terminal, patnam, 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
06.06.2024	Fibre Stack connected to B O D & Edge Running Mill		0.081	

For J R LABS

Research Fibre Analyst





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 July'24 01.08.2024

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

	and a state of the	
	(Dial 18002666868) (Wear Masks, Stay Safe)	
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Dear Sir,

100 5

Sub: Submission of Ambient Air Quality data etc.

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

- 1. Ambient air quality data-test report date: 08.07.2024
- 2. Stack monitoring data-test report date: 08.07.2024 (stack attached to cement silo)
- Stack monitoring data-test report date: 08.07.2024 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 08.07.2024 (stack attached to DG set)
- Dust (Fugitive) emission monitoring date report date 08.07.2024 (Cement and Fly ash storage silo area)
- 6. Noise Level test report date : 08.07.2024
- 7. Fiber concentrations dust levels report date: 08.07.2024
- 8. Air Ambient Quality Monitoring Reading July'2024

Kindly acknowledge receipt.

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



[P.Ananda Rao] Dy. General Manager Works



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

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

🕿 +91 44 2847 8585, www.ramcoindltd.com, 🖂: ril@ril.co.in



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: 08-07-2024

AMBIENT AIR QUALITY 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.

Date of monitoring Ambient Temperature Atmospheric condition 03-07-2024 35º C Cloudy

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:

:

Sl. No.	Location	ΡΜ ₁₀ (μg/m³)	ΡM _{2.5} (μg/m ³)	SO ₂ (µg/m³)	NO _x (µg/m³)	
1.	Near Admn. building	47	24	8.2	17.8	
2.	Near security gate	59	30	9.0	19.5	а. В
3.	Near Guest House	43	21	7.8	17.4	
4.	Near Cone tank area	56	28	8.4	18.6	
5.	A.P.P.C.B Limits	100	60	80	80	

- PM_{10} : Particulate Matter (size less than 10 μ m)
- PM₂₅ : Particulate Matter (size less than 2.5 µm)
- SO₂ : Sulphur Dioxide
- NO_x : Oxides of Nitrogen

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.



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REF: TEAM/RIL/SM/2024

Date: 08-07-2024

STACK MONITORING DATA

Name of the Industry : M 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 Time of Monitoring	: Stack attached to Cement Silo after Bag filter : 03-07-2024 : 10.45 A.M.
 Stack Diameter (m) Stack cross sectional area (sq m) Flue gas temperature Exit Velocity of flue gases (m/s) Flow rate (Nm³/hr) 	: 56°C

Emission Data (mg/Nm3)

6. Suspended Particulate Matter (mg/Nm³) : 20.8

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

For Team Labs and Consultants C

nd c



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: 08-07-2024

STACK MONITORING DATA

Name of the Industry : M. Address :	R.S.N Ibrahi	ICO INDUSTRIES LIMITED o.71,Near U.D.A.Truck Terminal mpatnam -521 456 na (Dt). A.P.
Sample Particulars	: Stack	attached to Fibre bag machine after bag filter
Date of Monitoring	:	03-07-2024
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	:	53°C
4. Exit Velocity of flue gases (m/see	c):	11.36
5. Flow rate (Nm ³ /hr)	:	1831.78
		inclusion contraction of the second sec

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 1.3

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

For Team Labs and Consultants



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: 08-07-2024

STACK MONITORING DATA

Name of the Industry Address	: R. Ibr	S.No.' ahimp	CO INDUSTRI 71,Near U.D.A.Tro patnam -521 456 (Dt). A.P.		ED	
Sample Particulars	: :		attached to 750 KV	A D.G.Set		
Date of Monitoring	:		03-07-2024			
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 (Nm ³ /hr)	:		748.94			
	Emissie	on Da	ata			
6. Particulate Matter	:	30				
7. Sulphurdioxide	:	26				
8. Oxides of Nitrogen (PPM)	:	145				
9. Carbon monoxide	:	112				

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

For Team Labs and Consultants àc.



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

REF.NO: TEAM/RIL/DE/2024

Date: 08-07-2024

TEST REPORT

DUST (FUGITIVE) EMISSION 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.

Date of Monitoring	: 04-07-2024
Ambient Temperature	: 36°C

Sl. No	Location	ΡΜ ₁₀ (μg/m³)	ΡM _{2.5} (μg/m³)	SO ₂ (μg/m³)	NO_x (µg/m ³)	
1. Cemer	nt Storage silo area	65	36	8.6	19.8	t
2. Fly as	n Storage silo area	72	39	9.0	20.2	

PM : Particulate Matter (Size less than 10 μm)

- $PM_{2.5}$: Particulate Matter (Size less than 2.5 μ m)
- SO : Sulphur Dioxide
- NO, : Oxides of Nitrogen

For Team Labs and Consultants

TEAM Labs and Consultants

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: 08-07-2024

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	: Noise Levels
Date of Monitoring	: 03-07-2024

S.No	Location	Noise Leve	Noise Levels dB(A)		
		Day Time	Night Time		
1.	Near Work Zone Area	70.5	69.6		
2.	Near Pulveriser	70.8	70.0		
3.	Near Main Gate	59.6	56.4		
4.	Near Canteen	58.4	55.8		
5.	Near Scrap Yard	61.0	58.2		

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

For Team Labs and Consultants

Ramco Industries Limited

(Material Testing Laboratory)

Address: No.17, Winterpet Post, Arakkonam, Vellore, Tamil Nadu, Pin code-631 005, Phone No. 04177 224932.

TEST REPORT

Test Certificate No. & Date	RIL/MT/2024-2025/04/0001 - 21/07/2024						
Status of Report	Full/ Partial						
Issue No./Amendment No.	01/00						
Customer Name	M/s Ramco Industries Lin	uited.					
Customer Address		No:71, Near Truck Terminal, Krishna District, AP, Ibrahimpatnam, Vijayawada - 521456					
Reference No. if any	VJD/07-24	VID/07-24					
Sample Description:							
Discipline	Chemical	Group/ Sub Group	Atmospheric Pollution/ Work Environment and Indoor air quality				
Product	Airborne asbestos fibres	Flow Rate (ml/min)	1000				
Source of Sample for testing	Supplied by the customer	Sample Receipt Date	16/07/2024				
Sampling Duration	240 mins	Test Started Date	21/07/2024				
Quantity of Sample	10 Nos	Test completed Date	21/07/2024				
Condition of Sample	Acceptable	Test Method followed					

TEST RESULTS OF FIBRE COUNT CONCENTRATION

SI. No	Sampling Date	location	S/P	Fibre Count (Nos)	Fibre Concentration (f/cc)
1	02.07.2024	Fibre Godown	S	9	0.020
2	02.07.2024	Fibre Mill	P	8	0.018
3	02.07.2024	Slurry Mixer	P	6	0.013
4	03.07.2024	Sheet Machine	S	7	0.015
5	03.07.2024	Moulding	P	5	0.013
6	03.07.2024	Corrugator	S	6	0.011
7	04.07.2024	Loading Area	P	7	0.015
8	04.07.2024	QC Laboratory	P	3	0.007
9	04.07.2024	Pulverizer	S	8	
10	04.07.2024	Salvage Machine	P	6	0.018

EMJ Tested by E. Muthazhagan (Test Engineer)



Authorized By P. Kumaraguruparan (Senior Quality Manager)

END OF THE REPORT

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

Ramco Industries Limited Ibrahimpatnam, Krishna District.

AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF JULY 2024

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

I Senthil Asst. Manager - Quality

For RAMCO INDUSTRIES LTD., P. ANANDA RAO Dy. General Manager (1210-10-

Ramco Industries Limited

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 June'24 01.07.2024

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 June'24 for your reference.

- 1. Ambient air quality data-test report date: 12.06.2024
- 2. Stack monitoring data-test report date: 12.06.2024 (stack attached to cement silo)
- Stack monitoring data-test report date: 12.06.2024 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 12.06.2024 (stack attached to DG set)
- 5. Dust (Fugitive) emission monitoring date report date 12.06.2024 (Cement and Fly ash storage silo area)
- 6. Noise Level test report date : 12.06.2024
- 7. Fiber concentrations dust levels report date: 22.06.2024
- 8. Air Ambient Quality Monitoring Reading June'2024

Kindly acknowledge receipt.

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

[P.Ananda Rao] Asst. General Manager Works



भारतीय खत



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

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

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REF.NO: TEAM/RIL/AAQ/2024

Date: 12-06-2024

AMBIENT AIR QUALITY 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.	
Date of monitoring Ambient Temperature Atmospheric condition	::	07-06-2024 34º C Cloudy	

No.	Location	ΡM ₁₀ (μg/m³)	ΡM _{2.5} (μg/m ³)	SO ₂ (µg/m³)	NO _x (µg/m³)
1.	Near Admn. building	53	26	8.5	18.2
2.	Near security gate	65	33	9.4	20.8
3.	Near Guest House	49	24	8.2	18.0
4.	Near Cone tank area	62	30	8.8	19.5
5.	A.P.P.C.B Limits	100	60	80	80

PM₁₀ : Particulate Matter (size less than 10 μm)

 $PM_{2,4}$: Particulate Matter (size less than 2.5 μ m)

202 : Sulphur Diexide

NO. : Oxides of Nitrogen

For Team Labs and Congultance

(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. 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: 12-06-2024

THE REPORT OF THE PARTY

STACK MONITORING DATA

A chiress	 1.73. EAT CO INDUSTRIES EDIVISION P.S.No.71, Near U.D.A. Truck Terminal Terahimpatnam -521 456 Krishna (Dt). A.P.
Sample Particulars	: Stack attached to Cement Silo after Bag filter 07-06-2024

Date of Monitoring	:	07-06-2024	
Time of Monitoring	:	2.00 P.M.	
1. Stack Diameter (m)	:	0.40	
2. Stack cross sectional area (sq m)	:	0.125	
3. Flue gas temperature	:	58°C	
4. Exit Velocity of flue gases (m/sec):	10.64	
5 Flow rate (Nm ³ /hr)	:	4310.64	

Emission Data (mg/Nm³)

5. Suspended Particulate Matter (mg/Nm3) : 21.6

10 1 1000

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

For Team Labs and Consultants

Labs and Consultants

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: 12-06-2024

STACK MONITORING DATA

Name of the Industry : I	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 Fibre bag machine after bag filter	
Date of Monitoring	: 07-06-2024	
Time of Monitoring	: 11.15 A.M.	
1. Stack Diameter (m)	: 0.25	
	0.040	

2. Stack cross sectoral area (sq n:)	:	0.040
3. Flue gas temperature	:	56°C
4. Exit Velocity of flue gases (m/sec)):	11.92
5 Flow rate (Nm ³ /hr)	:	1904.56

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

Labs and Consultants

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REF: TEAM/RIL/SM/2024

Date: 12-06-2024

O Y TR FTTTTT

STACK MONITORING DATA

Name of the Industry : 1 Address :	R.S Ibra	AMCO INDUSTRIES LIMIT No.71,Near U.D.A.Truck Terminal himpatnam -521 456 shna (Dt). A.P.	ED
Sample Particulars	: S	tack attached to 750 KVA D.G.Set	
Date of Monitoring	:	07-06-2024	
Time of Monitoring	:	3.50 P.M.	
1. Stack Diameter (m)	:	0.20	
2. Stack cross sectional area (sq n	n) :	0.03	
3. Flue gas temperature	:	263°C	1
4. Exit Velocity of flue gases (m/	sec):	12.8	
5. Flow rate (Nm ³ /hr)	:	768.57	
Er	nissio	n Data	
6. Particulate Matter	:	32	
7. Sulphurdioxide	:	29	
8. Oxides of Nitrogen (PPM)	:	154	
9. Carbon monoxide	:	116	

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

For Team Labs and Consultants

(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

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REF.NO: TEAM/RIL/DE/2024

Date: 12-06-2024

TEST REPORT

DUST (FUGITIVE) EMISSION 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. 						
Date of Moni Ambient Ten		: 08-00 : 35°C	5-2024					
Sl. No	Location		Ρ.Μ ^r ₁₀ (μg/m³)	ΡM _{2.5} (μg/m³)	SO ₂ (µg/m³)	NO $_{x}$ (µg/m ³)		
1. Ceme	nt Storage silo ar	ea	71	38	9.0	20.2		

75

2. Fly ash Storage silo area

 PM_{10} : Particulate Matter (Size less than 10 μ m)

PM : Particulate Matter (Size less than 2.5 μm)

SO : Sulphur Dioxide

25

NO : Oxides of Nitrogen

For Team Labs and Consultants

20.6

9.2

41

Labs and Consultants

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: 12-06-2024

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 : 07-06-2024

0110	Leogia	Noise Levels $dB(\Lambda)$			
1048	station and the second second	Day Time	Night Time		
1.	Near Work Zone Area	70.0	69.4		
2.	Near Pulveriser	70.4	69.6		
3.	Near Main Gate	59.2	56.8		
4.	Near Canteen	58.6	56.0		
5.	Near Scrap Yard	61.8	58.5		

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

For Team Labs and Consultants

and

RAMCO INDUSTRIES LIMITED

Contra Contra

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

Krishna District, AP

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

S/P Flow Rate (ml/min) Sampling duration (min) Fibre Count (nos) Fibre concentration (f/cc) Date of sampling Location S 1000 240 10 0.022 03.06.2024 Fibre Godown 1 240 11 0.024 2 03.06.2024 Fibre mill P 1000 9 240 0.020 P 1000 3 03.06.2024 Slurry Mixer 8 0.018 240 04.06.2024 Sheet Machine S 1000 4 240 6 0.013 P 1000 5 04.06.2024 Moulding 7 0.015 S 1000 240 6 04.06.2024 Corrugator 240 6 0.013 7 Loading area P 1000 04.06.2024 240 4 0.009 P 8 05.06.2024 QC Laboratory 1000 240 8 0.018 9 Pulverizer S 1000 05.06.2024 7 240 0.015 10 05.06.2024 Salvage Machine Ρ 1000

Remarks:-

*P-Personal

*S-Static

Un able to process

yan

SENIOR QUALITY MANAGER

Arakkonam Date:22.06.2024

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 JUNE 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	
01-06-2024	56	25	48	21	40	23	
02-06-2024	40	26	50	19	45	20	
03-06-2024	53	27	43	23	49	28	
04-06-2024	48	26	43	20	43	25	
05-06-2024	49	26	52	18	43	19	
06-06-2024	43	24	43	19	46	18	
07-06-2024	48	29	48	22	40	20	
08-06-2024	46	28	49	18	56	19	
09-06-2024	56	25	48	21	40	23	
10-06-2024	40	26	50	19	45	20	
11-06-2024	56	26	52	18	43	19	
12-06-2024	49	28	48	23	53	33	
13-06-2024	48	30	48	23	48	30	
14-06-2024	50	19	48	23	51	27	
15-06-2024	70	33	56	22	61	33	
16-06-2024	68	27	40	18	53	27	
17-06-2024	48	29	50	19	61	29	
18-06-2024	58	33	48	23	53	33	
19-06-2024	46	26	50	19	45	20	
20-06-2024	56	26	52	18	43	19	
21-06-2024	56	26	52	18	43	19	
22-06-2024	48	30	48	23	48	30	
23-06-2024	48	26	52	18	43	19	
24-06-2024	46	28	49	18	53	19	
25-06-2024	56	25	48	21	40	23	
26-06-2024	40	26	50	19	45	20	
27-06-2024	70	33	45	30	59	28	
28-06-2024	68	27	41	29	48	31	
29-06-2024	69	30	46	27	48	27	
30-06-2024	70	29	43	30	57	31	

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 May'24 01.06.2024

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 May'24 for your reference.

- 1. Ambient air quality data-test report date: 11.05.2024
- 2. Stack monitoring data-test report date: 11.05.2024 (stack attached to cement silo)
- 3. Stack monitoring data-test report date: 11.05.2024 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 11.05.2024 (stack attached to DG set)
- 5. Dust (Fugitive) emission monitoring date report date 11.05.2024 (Cement and Fly ash storage silo area)
- 6. Noise Level test report date : 11.05.2024
- 7. Fiber concentrations dust levels report date: 20.05.2024
- 8. Air Ambient Quality Monitoring Reading May'2024

Kindly acknowledge receipt.

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

[P.Ananda Rao]

Asst. General Manager Works



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

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

🕿 +91 44 2847 8585, www.ramcoindltd.com, 🖂: ril@ril.co.in



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: 11-05-2024

AMBIENT AIR QUALITY 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.				
Date of monitoring Ambient Temperature		07-05-2024 42º C				
Sl. No. Location		PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	SO ₂ (μg/m³)	NO _x (µg/m³)	ä
1. Near Admn. building	3	49	22	8.0	17.5	
2. Near security gate		60	31	8.8	19.6	
3. Near Guest House		45	20	7.6	17.2	
4. Near Cone tank area		57	29	8.5	19.0	
5. A.P.P.C.B Limits		100	60	80	80	

- PM₁₀ : Particulate Matter (size less than 10 µm)
- PM₂₅ : Particulate Matter (size less than 2.5 µm)
- SO₂ : Sulphur Dioxide
- NO_x : Oxides of Nitrogen

For Team Labs and Consultants Co nd a 3

(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.



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REF: TEAM/RIL/SM/2024

Date: 11-05-2024

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	:	07-05-2024
Time of Monitoring	:	11.30 A.M.
		0.10
1. Stack Diameter (m)	:	0.40
2. Stack cross sectional area (sq m)	:	0.125
3. Flue gas temperature	:	57°C
4. Exit Velocity of flue gases (m/sec):	10.9
5. Flow rate (Nm ³ /hr)	:	4429.36

Emission Data (mg/Nm³)

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

:

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

For Team Labs and Consultants and C



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: 11-05-2024

STACK MONITORING DATA

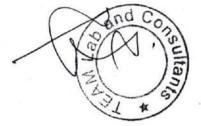
Name of the Industry : M/s Address :	s. RAMCO INDUSTRIES LIMITED R.S.No.71,Near U.D.A.Truck Terminal Ibrahimpatnam -521 456 Krishna (Dt). A.P.
Sample Particulars	: Stack attached to Fibre bag machine after bag filter
Date of Monitoring	: 07-05-2024
Time of Monitoring	: 2.45 P.M.
1. Stack Diameter (m)	: 0.25
2. Stack cross sectional area (sq m)	: 0.049
3. Flue gas temperature	: 54°C
4. Exit Velocity of flue gases (m/sec	:): 11.64
5. Flow rate (Nm ³ /hr)	: 1871.19

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 Consultants





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

8. Oxides of Nitrogen (PPM)

9. Carbon monoxide

Date: 11-05-2024

STACK MONITORING DATA

Address :	R.S. Ibrah	MCO INDUSTRIES LIN No.71,Near U.D.A.Truck Termi himpatnam -521 456 hna (Dt). A.P.	
Sample Particulars	: St	ack attached to 750 KVA D.G.S	et
Date of Monitoring	1	07-05-2024	
Time of Monitoring	:	4.20 P.M.	
		×	
1. Stack Diameter (m)	:	0.20	
2. Stack cross sectional area (sq m)	:	0.03	
3. Flue gas temperature	:	261°C	t
4. Exit Velocity of flue gases (m/sec	:):	12.4	
5. Flow rate (Nm ³ /hr)	:	747.34	
Emis	ssior	n Data	
6. Particulate Matter	:	31	
7. Sulphurdioxide	:	27	

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

opsultants For Team Labs and 2

(ENGINEERS & CONSULTANTS IN POLLUTION CONTROL) NABL Accredited Laboratory

: 148

: 114

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REF.NO: TEAM/RIL/DE/2024

Date: 11-05-2024

TEST REPORT

DUST (FUGITIVE) EMISSION 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.

Date of Monitoring	: 08-05-2024	
Ambient Temperature	: 41°C	

Sl. No	Location	ΡΜ ₁₀ (μg/m³)	PM _{2.5} (μg/m ³)	SO ₂ (μg/m³)	NO _x (μg/m³)	
1. Cemer	nt Storage silo area	66	35	8.4	19.4	
2. Fly as	h Storage silo area	73	38	8.6	20.0	1

PM : Particulate Matter (Size less than 10 µm)

: Particulate Matter (Size less than 2.5 µm)

SO : Sulphur Dioxide

PM

NO. : Oxides of Nitrogen

For Team Labs and Consultants C



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: 11-05-2024

TEST REPORT

NOISE LEVELS

Name of the Industry Address

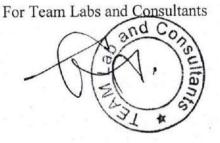
: M/s. RAMCO INDUSTRIES LIMITED

R.S.No.71, Near U.D.A. Truck Terminal Ibrahimpatnam – 521 456 Krishna (Dt). A.P.

Sample Particulars Date of Monitoring : Noise Levels : 07-05-2024

S.No	Location	Noise Leve	ls dB(A)
		Day Time	Night Time
1.	Near Work Zone Area	70.2	69.5
2.	Near Pulveriser	70.6	69.8
3.	Near Main Gate	58.4	56.0
4.	Near Canteen	58.0	55.2
5.	Near Scrap Yard	62.5	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:20.05.2024

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

	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	03.05.2024	Fibre Godown	S	,1000	240	12	0.026
2	03.05.2024	Fibre mill	Р	1000	240	10	0.022
3	03.05.2024	Slurry Mixer	Р	1000	240	8	0.018
4	03.05.2024	Sheet Machine	S	1000	. 240	7	0.015
6	03.05.2024	Moulding	Р	1000	240	7	0.015
-6	03.05.2024	Corrugator	S	100	240	6 5	0.013
7	03.05.2024	Loading area	Р	1000	240	8	0.018
8	03.05.2024	QC Laboratory	Р	1000	240	5	0.011
9	04.05.2024	Pulverizer	S	1000	240	9	0.020
10	04.05.2024	Salvage Machine	Р	1000	240	8	0.018

Remarks:-

*P-Personal

*S-Static

Un able to process

SENIOR QUALITY MANAGER

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

Ramco Industries Limited Ibrahimpatnam, Krishna District.

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
01-05-2024	48	27	49	22	50	30
02-05-2024	. 46	28	49	18	56	19
03-05-2024	56	25	48	21	40	23
04-05-2024	51	26	47	19	51	22
05-05-2024	45	29	40	20	48	29
06-05-2024	53	27	43	23	49	28
07-05-2024	48	26	43	20	43	25
08-05-2024	49	28	48	23	53	33
09-05-2024	52	32	48	23	53	33
10-05-2024	46	26	50	22	45	20
11-05-2024	48	26	52	18	43	19
12-05-2024	46	26	50	19	45	20
13-05-2024	48	26	52	18	43	19
14-05-2024	46	28	49	18	53	19
15-05-2024	. 56	25	48	21	40	23
16-05-2024	40	26	50	19	45	20
17-05-2024	56	26	52	18	43	19
18-05-2024	51	26	47	19	51	22
19-05-2024	45	29	40	20	48	29
20-05-2024	53	27	43	23	49	28
21-05-2024	48	26	43	20	43	25
22-05-2024	49	26	52	18	43	19
23-05-2024	43	24	43	19	46	18
24-05-2024	50	26	50	20	56	23
25-05-2024	48	30	51	23	48	22
26-05-2024	50	28	45	23	49	18
27-05-2024	40	28	50	19	51	33
28-05-2024	. 45	26	53	23	50	30
29-05-2024	43	29	56	21	53	28
30-05-2024	56	26	52	18	43	19
31-05-2024	49	28	48	23	53	33

AIR AMBIENT QUALITY MONITORING FOR THE MONTH OF MAY 2024

Kre I Senthil

Asst. Manager - Quality

P. ANANDA RAO Asst. General Manager(Works) office copy

Ramco Industries Limited

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 Apr'24 02.05.2024

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 April'24 for your reference.

- 1. Ambient air quality data-test report date 06.04.2024
- 2. Stack monitoring data-test report date: 06.04.2024 (stack attached to cement silo)
- 3. Stack monitoring data-test report date: 06.04.2024 (stack attached to fiber bag machine)
- 4. Stack monitoring data-test report date: 06.04.2024 (stack attached to DG set)
- Dust (Fugitive) emission monitoring date report date 06.04.2024 (Cement and Fly ash storage silo area)
- 6. Noise Level test report date : 06.04.2024
- 7. Fiber concentrations dust levels report date: 22.04.2024
- 8. Air Ambient Quality Monitoring Reading April'2024

Kindly acknowledge receipt.

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



[P.Ananda Rao] Asst. General Manager Works



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

Head Office : "Auras Corporate Centre", 6th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai - 600 004. 3 +91 44 2847 8585, www.ramcoindltd.com, 🖂 : ril@ril.co.in



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: 06-04-2024

AMBIENT AIR QUALITY 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. 						
Date of monitoring Ambient Temperature	:	02-04-2024 37º C						
Sl. No. Location		PM ₁₀ (μg/m³)	PM _{2.5} (µg/m ³)	SO ₂ (μg/m³)	NO _x (µg/m³)			
1. Near Admn. buildin	g	51	24	8.4	18.0			
 Near security gate 		64	36	9.2	20.5			
3. Near Guest House		47	22	7.8	17.4			
4. Near Cone tank are	а	60	31	8.6	19.2			
5. A.P.P.C.B Limits		100	60	80	80			

 PM_{10} : Particulate Matter (size less than 10 μ m)

 PM_{25} : Particulate Matter (size less than 2.5 μ m)

- SO₂ : Sulphur Dioxide
- NO_x : Oxides of Nitrogen

For Team Labs and Consultants ċ

Labs and Consultants

TEAM

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

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

REF: TEAM/RIL/SM/2024

Date: 06-04-2024

STACK MONITORING DATA

Address :	. 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 Time of Monitoring	: Stack attached to Cement Silo after Bag filter : 02-04-2024 : 11.00 A.M.
 Stack Diameter (m) Stack cross sectional area (sq m) Flue gas temperature Exit Velocity of flue gases (m/sec Flow rate (Nm³/hr) 	: 0.40 : 0.125 : 53°C : 10.56 : 4343.85

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 20.8

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

For Team Labs and Consultants

d



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: 06-04-2024

STACK MONITORING DATA

Name of the Industry : M/s Address :	R.S.N Ibrahi	1CO INDUSTRIES LIMITED 10.71,Near U.D.A.Truck Terminal 10.71,Near U.D.A.Truck Terminal 10.71,Near U.D.A.Truck Terminal 10.71,Near U.D.A.Truck Terminal 10.71,Near U.D.A.Truck Terminal 10.71,Near U.D.A.Truck Terminal 10.71,Near U.D.A.Truck Terminal	
Sample Particulars	: Stack	attached to Fibre bag machine after bag filter	
Date of Monitoring	:	02-04-2024	
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	1
5. Flow rate (Nm ³ /hr)	:	1886.52	

Emission Data (mg/Nm³)

6. Suspended Particulate Matter (mg/Nm³) : 1.3

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

For Team Labs and Consultants

d



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: 06-04-2024

STACK MONITORING DATA

Name of the Industry : M Address :	R.S.N Ibrahi	MCO INDUSTRIES LIMITED No.71,Near U.D.A.Truck Terminal mpatnam -521 456 na (Dt). A.P.	
Sample Particulars	: Stac	ck attached to 750 KVA D.G.Set	
Date of Monitoring	:	02-04-2024	
Time of Monitoring	:	3.45 P.M.	
1. Stack Diameter (m)	:	0.20	
2. Stack cross sectional area (sq m)) :	0.03	
3. Flue gas temperature	:	257°C	í.
4. Exit Velocity of flue gases (m/se	ec):	12.35	
5. Flow rate (Nm ³ /hr)	:	749.94	
Em	ission	Data	
6. Particulate Matter	: 34 : 30		
7. Sulphurdioxide	. 50		

7. Sulphuldioxide508. Oxides of Nitrogen (PPM)1569. Carbon monoxide121

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

For Team Labs and Consultants in *

(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.



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

REF.NO: TEAM/RIL/DE/2024

Date: 06-04-2024

TEST REPORT

DUST (FUGITIVE) EMISSION MONITORING DATA

Name of the I Address	Industry	::	R Ib	.S.No.71, N	lear U.D.A. m – 521 450	S LIMITED Truck Term 6		
Date of Moni Ambient Tem	•	::	02-04- 38°C	-2024				
Sl. No	Location			ΡΜ ₁₀ (μg/m³)	PM _{2.5} (μg/m ³)	SO ₂ (μg/m³)	NO _x (µg/m³)	

	Cement Storage silo area	69	37	8.5	19.8	
2.	Fly ash Storage silo area	. 72	40	9.0	20.2	

- PM : Particulate Matter (Size less than 10 μm)
- PM : Particulate Matter (Size less than 2.5 μ m)
- SO : Sulphur Dioxide
- NO₂ : Oxides of Nitrogen

For Team Labs and Consultants S Ulla

(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.



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REF: TEAM/RIL/NL/2024

Date: 06-04-2024

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 : 02-04-2024

S.No	Location	Location Noise Leve		3
		Day Time	Night Time	
1.	Near Work Zone Area	70.4	69.6	
2.	Near Pulveriser	70.8	70.0	
3.	Near Main Gate	59.0	56.5	
4.	Near Canteen	58.2	55.4	
5.	Near Scrap Yard	61.6	58.2	

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

For Team Labs and Consultants

RAMCO INDUSTRIES LIMITED

Part of the second

Asst General Manager

R.S. No.71, Near Truck Terminal

Ibrahimpatnam-521456

Krishna District, AP

Arakkonam Date:20.04.2024

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

	Date of sampling	Location	S/P	Flow Rate (ml/min)	Sampling duration (min)	Fibre Count (nos)	Fibre concentration (f/cc)
1	01.04.2024	Fibre Godown	S	1000	240	9	0.020
2	01.04.2024	Fibre mill	Р	1000	240	11	0.024
3	02.04.2024	Slurry Mixer	Р	1000	240	7	0.015
4	02.04.2024	Sheet Machine	S	1000	240	6	0.013
5	02.04.2024	Moulding	Р	1000	240	8	0.018
6	03.04.2024	Corrugator	S	1000	240	5	0.011
7	04.04.2024	Loading area	Р	1000	240	6	0.013
8	03.04.2024	QC Laboratory	Р	1000	240	4	0.009
9	03.04.2024	Pulverizer	S	1000	240	8	0.018
10	04.04.2024	Salvage Machine	Р	1000	240	7	0.015

Remarks:-

*P-Personal

*S-Static

Un able to process

for S. Jay h

SENIOR 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 APRIL 2024

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

I Senthil

Asst. Manager - Quality

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

		INTERNATIONAL LAB	ISHAA DIAGNOSTICS INTERNATIONAL LAB
Name : Mr. DHAVALA SIM	HACHALAM33065		
Patient No : 9238	Registered Date	: 28-Sep-2024 01:19:00 PM	
Age/Gender : 33 Y / Male	Reported Date	: 30-Oct-2024 04:37:52 PM	自然的
Bill No : 8352			
Refered By : RAMCO INDUSTRIES LTD			5 4 6 5 5 5
Test Description		RESULT	and the second
HEALTH CHECK UP			
PHYSICAL EXAMINATION			
1. Personal History:	1		
a.Height	A 6	167 — cms	
b.Weight	The second	65 Kgs	
C. Marital Status	11 12 N	Married	
d.H/O Alcohol /Smoking	11 Comment	Not an Alcoholic & Smoking	
e.Previous H/O- t.b Asthma	Constants.	Nill	
f. Family History	17.7	Nill	
2.General condition on examnation		and the second	
a.Built	1.97	Moderately Built	
b.Nutrition	VA.	Moderately Nourished	
c.CSV	5	S1 S2 BP : 122/89 Mm. Hg Pulse : 9	l /min
d.Respiration	60	Clinically Clear	
e.CNS	A.V.	NAD	
f.P/Abdomen	7	Soft	
g.ENT	66	NAD	
h.Skin Examination	6 se	Normal Texture Spect Rx Sph Cyl Axis Vision	
	10	upper for opin cyr Axis vision	
i.Eyes Examination	13	RÉ	6/6
		LE	6/6
i Calaur Blindness		NO	
j.Colour Blindness			

**** END OF REPORT ****

* Suggested Clinical Correlation if needed kindly discuss.

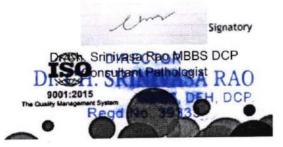
Head Office : P.O. Box : 223, Postal Code : 312, Al Musanna, Muscat, Sultanate of Oman. Shop No. 10, Siri Towers, Patwari Enclave, Beside Sri Chaitanya Techno School, IDPL X Road, Chintal, Hyderabad - 500 037.
★: 040-23170154 ©: 99485 87097 | 99894 98383 전 ishaadiagnostics@gmail.com Signatory Dr. Srinivasa Bao MBBS DCP Dr. Schultent Pathologist AO 9001:2015 The Caulty Management System Regist No. 1990

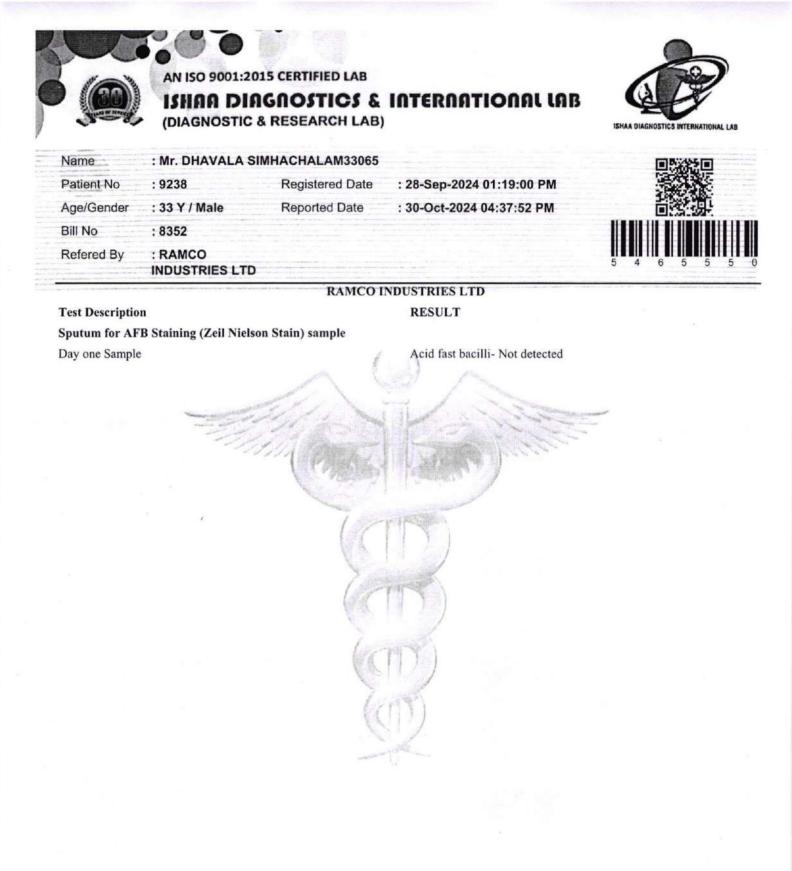
	ISHAA DIA	GNOSTICS & RESEARCH LAB	INTERNATIONAL LAB	ISHAA DIAGNOSTICS INTERNATIONAL LAB
Name Patient No	: Mr. DHAVALA SII : 9238	MHACHALAM33065 Registered Date	: 28-Sep-2024 01:19:00 PM	
Age/Gender	: 33 Y / Male	Reported Date	: 30-Oct-2024 04:37:52 PM	
Bill No	: 8352			
Refered By	: RAMCO INDUSTRIES LTD			5 4 6 5 5 5
Test Description	1		RESULT	
URINE ROUTI	NE EXAMINATION	REPORT		
PHYSICAL EX	AMINATION			
Quantity		(20ml	
Colour		~ b	Pale yellow	
Appearance		and the second s	Clear	
Reaction		4/200	Acidic	
Specific Gravity		I'm Statementary	1.020	
CHEMICAL E	XAMINATION	117984	ALL AND AND A	
PH	3		6.0	
Albumin		Contraction of the second	NIL	
Sugar		100	NIL	
Bile Salts		64	Negative	
Bile Pigments		1	Negative	
Blood		(1)	Negative	
Urobilinogen			Negative	
Ketones		100	Negative	
MICROSCOPI	C EXAMINATION	67	PR P	
Pus Cells		68	2 - 3/H.P.F	
Epithelial Cells		7	3 - 4 /H.P.F	
RBC Cells		16	NIL	
Crystals			NIL	

* 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



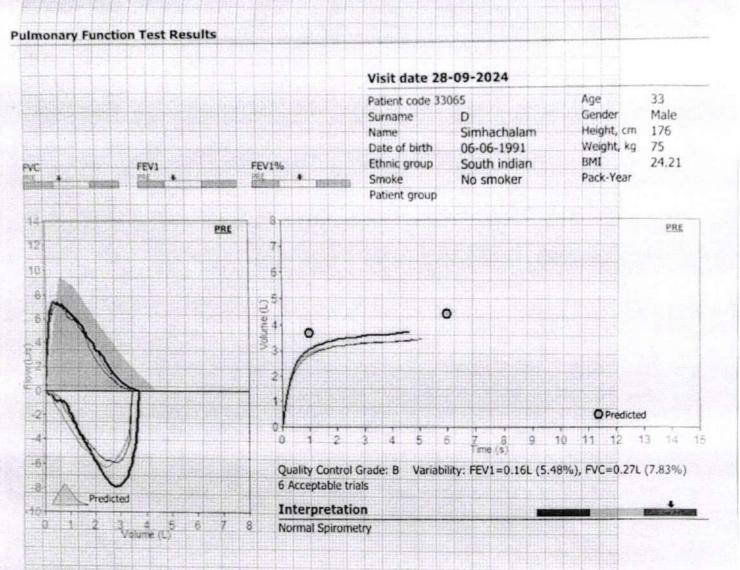


* Suggested Clinical Correlation if needed kindly discuss.

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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PRE Trial date 30-10-2024 11:06:01

Parameters		LLN	Pred	Best	%Pred	Z-score	PRE # 1	PRE # 2	PRE # 3	POST	%Pred	%Chg
FVC		3.38	4.43	3.72*	84	-1.11	3.30	3.45	3.28	*		
FEV1	L	2.81	3.68	3.08*	84	-1.14	2.79	2.92	2.41			
FEV1/FVC	%	73.4	83.5	82.8*	99	-0.12	84.5	84.6	73.5	*		
PEF	L/s	5.98	9.40	7.82*	83	-0.76	7.82	7.60	6.49			
ELA	Years		33	56	170		68	63	83			
FEF2575	Us	2.69	4.48	3.26	73	-1.12	3.24	3.50	1.75			
FET	5		6.00	4.61	77		5.20	4.76	6.00			
FIVC	ι	3.38	4.43	3.71	84	-1.12	3.24	3.30	3.15		111	
FEV1/VC	46	73.4	83.5				Trace in the				22224	

1/3

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

Conclusion / Medical report

S DFH DCP



Read No. 39333

drieted by winspiroPRO 8.5.1 Mod.C11

MICRO MED

CHARTS

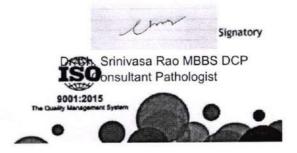
Instrument used Spirobank II new S/N Y19440



Name : Mr. G. VENKATES	WARA RAO33012		
Patient No : 9078	Registered Date	: 28-Sep-2024 10:16:00 AM	
Age/Gender : 38 Y / Male	Reported Date	: 30-Oct-2024 04:41:39 PM	
Bill No : 8195			
Refered By : RAMCO INDUSTRIES LTD			5 2 9 2 9 8 S
Test Description		RESULT	
HEALTH CHECK UP			
PHYSICAL EXAMINATION			
1. Personal History:	(1.	
a.Height	1	164 — cms	
b.Weight	The second	69 Kgs	
C. Marital Status	20 65 M	Married	-
d.H/O Alcohol /Smoking	11 There T	Not an Alcoholic & Smoking	
e.Previous H/O- t.b Asthma	(Stander	Nill	
f. Family History		Nill	
2.General condition on examnation		Madamataka Darih	
a.Built b.Nutrition	100	Moderately Built Moderately Nourished	
c.CSV		S1 S2 BP : 110/98 Mm. Hg Pulse :	71 /min
d.Respiration	2	Clinically Clear	
e.CNS	6	NAD	
f.P/Abdomen		Soft	
g.ENT	1	NAD	
h.Skin Examination	10	Normal Texture	
		Spect Rx Sph Cyl Axis Vision	
	11	<u></u>	
i.Eyes Examination		<u> RÉ</u>	6/6
		LE	6/6
j.Colour Blindness		NO	
3. Other Findings:		NII	

* Suggested Clinical Correlation if needed kindly discuss.

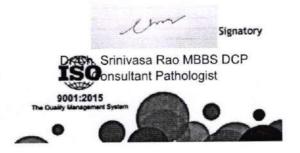
Head Office : P.O. Box : 223, Postal Code : 312, Al Musanna, Muscat, Sultanate of Oman. Shop No. 10, Siri Towers, Patwari Enclave, Beside Sri Chaitanya Techno School, IDPL X Road, Chintal, Hyderabad - 500 037.
☎: 040-23170154 ①: 99485 87097 | 99894 98383 ⊠ ishaadiagnostics@gmail.com



ISHAA DIA	IS CERTIFIED LAB	INTERNATIONAL LAB	ISHAA DIAGNOSTICS INTERNATIONAL LAB
Name : Mr. G. VENKATE	SWARA RAO33012		
Patient No : 9078	Registered Date	: 28-Sep-2024 10:16:00 AM	
Age/Gender : 38 Y / Male	Reported Date	: 30-Oct-2024 04:41:39 PM	i sotati
Bill No : 8195			
Refered By : RAMCO INDUSTRIES LTD			5 2 9 2 9 8
Test Description		RESULT	
URINE ROUTINE EXAMINATION	REPORT		
PHYSICAL EXAMINATION			
Quantity	(20ml	
Colour	A Part	Pale yellow	
Appearance	11/	Clear	
Reaction	24 harrow	Acidic	-
Specific Gravity	1. Same	1.020	
CHEMICAL EXAMINATION	(PARAL)	A STATE OF A	
PH	- Andrews	6.0	
Albumin		NIL	
Sugar	197	NIL	
Bile Salts	ALC: N	Negative	
Bile Pigments	Yes	Negative	
Blood	65	Negative	
Urobilinogen	A.V.	Negative	
Ketones	Y	Negative	
MICROSCOPIC EXAMINATION	6 A	THE AVER	
Pus Cells	Cy	2 - 3 /H.P.F	
Epithelial Cells	7.	3 - 4 /H.P.F	
RBC Cells		NIL	
Crystals	/	NÍL NIL	

* 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 ①: 99485 87097 | 99894 98383 ⊠ ishaadiagnostics@gmail.com







 Name
 : Mr. G. VENKATESWARA RAO33012

 Patient No
 : 9078
 Registered Date
 : 28-Sep-2024 10:16:00 AM

 Age/Gender
 : 38 Y / Male
 Reported Date
 : 30-Oct-2024 04:41:39 PM

 Bill No
 : 8195
 Image: State of the state of

Test Description

RESULT

Sputum for AFB Staining (Zeil Nielson Stain) sample

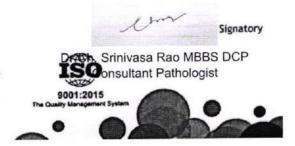
Day one Sample

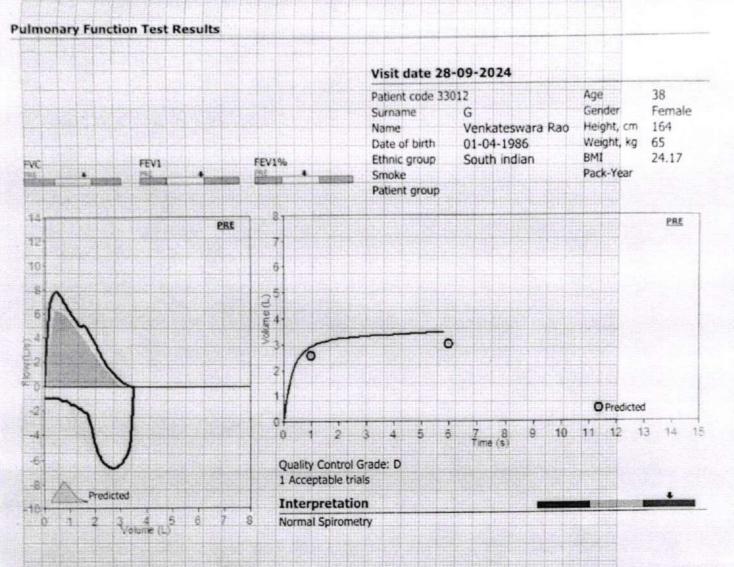
Acid fast bacilli- Not detected



* 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.
★: 040-23170154 ©: 99485 87097 | 99894 98383 전 ishaadiagnostics@gmail.com





PRE Trial date 30-10-2024 11:18:24

Parameters		LLN	Pred	Best	%Pred	Z-score	PRE # 1	PRE # 2	PRE # 3	POST	%Pred	%Chg
FVC	1	2.20	3.00	3.49*	116	1.02	3.49					
FEV1	L	1.88	2.52	2.94*	116	1.07	2.94	. Wither Street	1 Maine			1980
FEV1/FVC	%	72.4	84.0	84.2*	100	0.02	84.2					1
PEF	L/s	3.71	6.35	8.00*	126	1.03	8.00			L. Chine	111	1.
ELA	Years		38	38	100	and interior	38	Lines Hard				England.
FEF2575	1/5	1.94	3.34	3.33	100	-0.01	3.33					
FET	5		6.00	5.80	97		5.80					C. T. C. L.
FIVC	L	2.20	3.00	3.64	121	1.33	3.64					
FEV1/VC	*	72.4	84.0			C. C. C.						1.00

1/1

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

Conclusion / Medical report

printed by winspiroPRO II.5.1 - Mod CT1



CHAR

Instrument used Spirobank II new S/N Y19440



























EENADU DAILY NEWSPAPER

SAKSHI DAILY NEWSPAPER

ABN ANDHRA JYOTHI DAILY NEWSPAPER



వరద బాధితులను ఆదుకుంటాం: ఎమ్మెల్యే

స్టీస్ లిమిటెడ్ వారు ఏర్పాటు చేసిన నిత్యా వసరాలను ఎమ్మెల్వే వసంత సోమవారం పంపిణీ చేశారు. ఈసందర్భంగా ఆయన మాటాడుతూ వరద కారణంగా ఎందరో నిరాశయులయ్యారన్నారు. వరద బాధిత కుటుంబాలకు ప్రభుత్వం నష్ట పరిహారం విడుదల చేసిందన్నారు. గత వైసీపీ ప్రభు తుంలా కాకుండా సతురం సాయం అందించిన స్రభుత్వంగా చంద్రబాబు నేతృత్వంలో నడుస్తున్న ఎన్నీఏ ప్రభుత్వం నిలిచిందన్నారు. రామ్ కో ఇండ్ర స్టీస్ యాజ మాన్వాన్ని ఆయన అభినందించారు. ఈకా ర్యక్రమంలో జంపాల సీతారామయ్య, చెన్నుబోయిన చిట్టిబాబు, రావి ఫణి, చన మోలు నారాయణ, చుటుకుదురు శ్రీనివా సరావు, మైలా సైదులు పాల్గొన్నారు.



ఇబ్రహీంపట్నం, సెప్టెంబరు 30: వరద బాధితులను ప్రభుత్వం అన్ని విధా లుగా ఆదుకుంటుందని, దాతలూ అనేక విధాలుగా వరద బాధితులకు సాయం చేయ డం ఆభినందనీయమని మైలవరం ఎమ్మె ల్యే వసంత వెంకట కృష్ణ ప్రసాద్ అన్నారు. పశ్చిమ ఇబ్రహీంపట్నంలోని ను మారు 700 కుటుంబాలకు రామ్కో ఇండ

ನಾತ್ಷಿ ಭ

ఇబ్రహీంపట్నంలో కిట్లు అందజేస్తున్న

ఎమ్హెల్వే వసంత, రామ్ కో యాజమాన్యం

మాట్లాడుతూ.. రూ.9 లక్షలతో 700 మందికి కిట్లు

అందజేశామన్నారు. హెచ్ఆర్ మేనేజర్ టీజీ

రామ్మోహన్, సిబ్బంది, నాయకులు పాల్గొన్నారు

రామ్ కో ఇండస్టీస్ సేవలు అభినందనీయం

ఇబ్రహీంచట్నం: వరద ముంపు బాధితులను ఆదు కోవడానికి రామ్కో ఇండస్టీస్ సంస్థ యాజ మాన్యం ముందుకురావడం అభినందనీయమని ఎమ్మెల్యే వసంత వెంకట కృష్ణప్రసాద్ అన్నారు. వరద బాధితులకు రామ్కో ఇండస్టీస్ సంస్థ 4వ సచివాలయం వద్ద నిత్యావసర సరుకుల పం పిజీలో సోమవారం ఎమ్మెల్యే వనంత హాజరై కిట్లు పంపిజీ చేశారు. ఆయన మాట్లాడుతూ.. బాధితు లను ఆదుకునేందుకు ప్రభుత్వంతో పాటు స్వచ్ఛం ద సంస్థలు ముందుకురావడం శుభపరిణామమ న్నారు. రామ్కో ఇండస్టీస్ సంస్థ సీఎం రిలీఫ్ ఫం డ్ రూ.2 కోట్లు అందించడంతో పాటు బాధితు లను కిట్లు అందజేస్తున్న యాజమాన్యాన్ని అభినం దించారు. రామ్కో మేనేజర్ పి.ఆనందరావు



అన్నారు. వరద ముంపునకు గురైన పశ్చిమ ఇటపాంపట్నం నివాసు లకు రాంకో ఇండర్ట్రీస్ ఆధ్వర్యంలో నిత్యావసరాలను సోమవారం అందించారు. కార్యక్రమంలో ముఖ్య అతిథిగా పాల్గొన్న ఆయన మాట్లాడుతూ ఇటపాంపట్నం, కొండపల్లి పరిసర ప్రాంత (పజలు ప్రకృతి విపత్తులతో పాటు కాలుష్యంతోనూ తీవ్ర ఇబ్బందులను ఎదు ర్కొంటున్నారు. ఈ విషయాలను పరిశ్రమల యాజమాన్యాలు గుర్తించి వారికి రక్షణ కల్పించే చర్యలు చేపట్టాలన్నారు. తెదేపా నాయకులు సీతారామయ్య, రాంకో ఫ్యాక్టరీ హెడ్ పి. ఆనందరావు, హెచ్ఆర్ రామ్మోహనరావులు పాల్గొన్నారు.