

Ramco Industries Limited

Ref.:RIL/BIH/ 14460146 /23-24/MoEF

Date: 24.05.2023

To

The Director,
Ministry of Env. and Forest, Climate Change
Ranchi Regional Office (ECZ),
Bungalow No. A-2, Shyamali Colony,
Ranchi-834 001

Sub: Half yearly compliance report for the period of Oct- 2022 to Mar- 2023.

Sir,

With reference to above, we are submitting here with the half yearly compliance report of the Environment clearance condition including result of the monitored data for your kind information and record please.

Receipt of the same may kindly be acknowledged.

Yours Faithfully,
For, Ramco Industries Limited,

Ramamoorthi S
Factory Manager

CC: Monitoring Cell, MoEFCC, Delhi
CPCB, Calcutta.

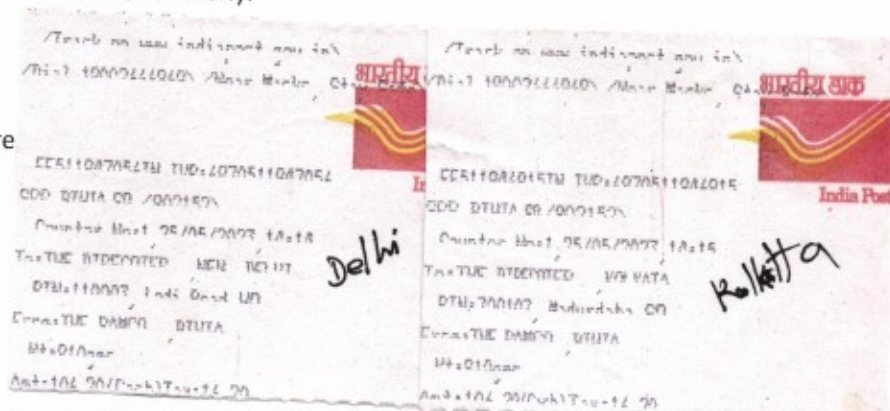
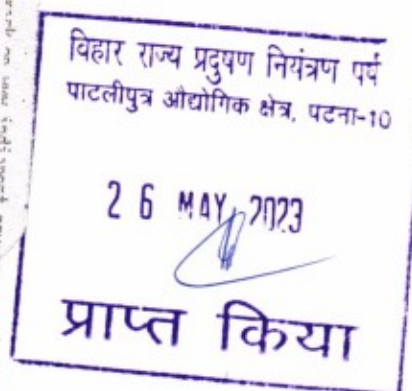
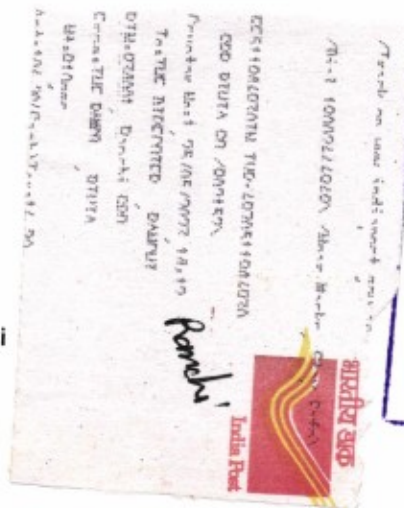
✓ BSPCB, Patna

✓ File copy.

Encl:

1. Half Yearly compliance report.
2. Work place, Ambient & stack monitoring report, Quarterly.
3. Stack monitoring report, Monthly.
4. Ambient report weekly.
5. Green belt development of our site.
6. Medical Checkup & associated Picture
7. Production Details.
8. CSR details.
9. Environment Expanses details.

Plot No. A1,
BIADA Industrial Area
Opp. Mahathin Mai Temple
Bihiya - 802152
Dist. : Bhojpur (BIHAR)



COMPLIANCE STATUS OF MoFF CONDITIONS


Letter No F.No.J-11011/17/2010-IA II (I)

CONDITIONS	COMPLIANCE STATUS
A - Specific conditions	
i. The project proponent shall adhere to the prescribed BIS standards and law regarding use and handling of asbestos, safety of employee etc. Raw material like asbestos fiber and cement shall be transported in closed containers. Asbestos fiber shall be brought in palletized form in impermeable Bags and under compress condition.	We are following the BIS standards as mention below- IS-11450-For determination of airborne asbestos fibre concentration in work environment. IS-11451-For Safety and health requirements. IS-11769 & IS-11770-For asbestos cement product. IS-12078-For handling of asbestos fibre. IS-12081-For Pictorial warning signs & precautionary notices for asbestos & product containing asbestos. The Raw materials are transported in closed containers. Asbestos is brought in impermeable bags under compressed condition. The bags are handled with fork lift for loading and unloading and for feeding on the BOD machine. Safety gadgets are being used by the workers.
ii. Only Chrysotile white asbestos fiber shall be used. Blue asbestos shall not utilized as raw material in the manufacturing process.	We use only CHRYSOTILE Fibre as raw material in the manufacturing process and we do not use blue asbestos .
lii. There shall be no manual handling/opening of asbestos fiber bags. The company shall install fully automatic asbestos fiber debagging system before commissioning the unit.	There is no manual handling/opening of asbestos Fibre bags. Fibre is stored in polythene woven bags and de bagged 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 brining cement in closed tankers, fly ash 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 & Flyash silos to control emissions. Bag filters followed by wet washer shall be provided at automatic bag opening machine, bag shredder , fiber mill and to cement silo to collect the dust and recycle it into the process fugitive emissions generated from hopper of Jaw Crusher & Pulverizer shall be channelized through hood with proper suction arrangement, Bag filter and stack.	Cement & Flyash are bought in closed Bulker. Fibre bags are opened in fully automatic closed circuit area – called BOD (Bag Opening Device). Duct collectors with cyclone type are used in cement, flyash, fibre silo. In above circuit and pulverized the positive fugitive emission are recycled and used in RM. Heavy duty vacuum cleaner is being used in Fibre mill area. Cement and fly ash are storage in separate silos.
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 adopt to control the process emission and ensure that the stack emission of asbestos fiber shall not	We comply with the stated emission standards. The details of Stack Monitoring record and Work place Fibre counting record is attached in ANNEXURE -1 .

For : Ramco Industries Limited

(RAMA MOORTHI.S)
 Senior General Manager (Works)

exceed the emission limit of 0.2 fiber/cc. Asbestos fiber in work zone environment shall be maintained with in 0.1fiber/cc.	
vi. Bags containing asbestos fiber shall be stored in enclosed area to avoid fugitive emissions of asbestos fiber from damaged bags, if any	The bags containing asbestos are stored in an enclosed asbestos fiber storage area of about 925 sq. m.
vii. Proper house keeping shall be maintained within the plant premises, process machinery, exhaust and ventilation systems shall be laid in accordance with factories act. Better house keeping practices shall be adopted for improvement of the environment within the work environment also. These includes ; 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 conveyor shall be used instead of manual transportation of asbestos within the premises.	We have complied with the said condition. Proper housekeeping facility with vacuum cleaning of the floor is provided in the plant area. We have a complete closed circuit manufacturing process with enclosed belt conveyor. The asbestos bags are being brought through conveyor to BOD.
viii. Area and stacks shall be undertaken by the project proponents, in addition, the Asbestos fibre count in the work zone area shall be monitor by an independent monitoring agency like;NIOS-ITRC/NCB or any other approved agency and report submitted to the Ministry's Regional Office at Bhubaneswar SPCB and CPCB.	We have our own laboratory set up for workplace. We are sending fibre count slide to the R & D center, Chennai with the Phase contrast Microscope Olympus BX-50, every month wise. In addition to that the Asbestos fibre count in the work zone and the stack are tested by a competent & approved third party monitoring agency (by J R Lab). The details of tested data's at our site by the third party is enclosed in ANNEXURE -1
ix .Total water requirement from ground water shall not exceed 80 cum/day . All the recommendations of the State Ground Water Deptt.,Govt. of Bihar shall be implemented in time bound manner.	We have a pond of holding capacity 2070 m3 for rain water harvesting. And we have three recharge pit in different angles to recharge ground water with rain. Daily monitoring is done for consumption of water and consumed as per limit 80cum/day.
x. After five years operation of plant, no ground water shall be used and only rain water shall be used.	We have received the order to continue ground water abstraction from exiting two nos tube well by MoEFCC New Delhi office, ordered to Director Mr. A.K Agrawal on 26.11.2019. This is an amendment in hour EC F.No.J-11011/17/2010-IAII(I) dated 17.01.2011.
xi. As reflected in the Environmental management plan, all the treated effluent shall be recycled and reused in the manufacturing process. No process water shall be discharged outside the premises and 'ZERO' discharge shall be maintained. All the domestic waste water shall be treated in septic tank followed by soak pit and used for green belt development.	We have complied the said condition. There is no discharge of process effluent and entire process water is recycled back into the system & It is ensured zero discharge. All waste water is used for green belt development through pond.
xii. 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.	We have complied with the said condition. The entire Solid waste generated including process rejects, dust from bag filters and empty asbestos bags are recycled back in the manufacturing process.

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Process sludge shall be 100% recycled and reuse in the process. Hazardous waste shall be ground in dust proof pulverizer with integrated bag filter and recycled back to the process. Asbestos fibres which can not be further recycled due to contamination of iron dust shall be stored in SDPE lined secured landfill. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard Code.	
xiii. The cut and damaged fibre bags shall immediately be repaired. 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.	It is ensured that we get fibre bags with intact. Damages if any, would immediately be sealed before unloading at our site. There is no manual handling /opening of the fibre bags. The fibre bags are fed into a Bag opening device (BOD) wherein bags are automatically shredded.
xiv. 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 forest.	We receive certificates from the suppliers for every lot. Chemical analysis report of chrysotile fibre from supplier has been sent to MoEF. A copy of certificate is attached for your reference. ANNEXURE -3
xv. 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 occupations 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 directives of the Hon'ble supreme court.	Medical examination of employees carried out by competent occupational health physician periodically for Sputum test, Lungs Function Test (PFT), bloat tests for TLC,DLC,ESR, Hb, Chest X Ray and general medical checkup. Pre-employment tests are carried out as per factory act and all records pertaining to health checkup are maintained as per IS : 11451 and factory act. The directive of Supreme court is followed strictly. All records are well maintained and available in office. A sample of medical report is attached for your reference. ANNEXURE -4
xvi. To educate the workers, all the work places where asbestos dust may cause 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 have provided display signs of Asbestos fibre for identifying the hazards and associated health effects, at various locations inside the factory. Picture attached for your reference. ANNEXURE -5
xvii. The company shall also undertake rain water harvesting measures and plan of action shall be submitted to the Ministry of Environment and forest within three months.	We made a pond with a size of 2070 m3 for a depth of 5 m for rain water harvesting system. Apart from these, we made three rain water recharge pit in tri angle position.
xviii. All the commitments made to the public during the public hearing / public consultation meeting held on 22 nd Nov., 2010 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 Bhubneswar.	Public hearing points are as follows: 1. Controlling emission from chimney - it is well controlled and time to time checked by third party. There is no coal based activity. 2. Implementing rain water harvesting: Rain water harvesting pond and recharge pit are made available.

For: Ramco Industries Limited

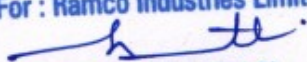
 (RAMA MOORTHI.S)
 Senior General Manager (Works)

xix. Green belt shall be developed in at least 33% of plant area as per the CPCB guidelines in consultation with DFO.	An effective green belt area is developed in consultation with DFO as per CPCB guidelines. Our developed green belt area is 8 acres which is 40% of our total land area. The details of green belt development of our site are attached in ANNEXURE – 6 .
xx. At least 5% of the total cost of the project should be ear marked towards the corporate social responsibility and item wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubneswar. Implementation of such programme should be ensured accordingly in a time bound manner.	Under Corporate Social Responsibilities an amount of Rs.106,17,642 expended till 31 st March 2023.This is an time bond plan.
xxi. The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such a 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 construction labor within the site.
B GENERAL CONDITIONS	
i. The projects authorities must strictly adhere to the stipulations made by the Bihar Pollution control board and the state government .	We strictly adhere to the stipulations made by the Bihar Pollution Control Board and the State Government.
ii. No further expansion/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. The gaseous emissions from various process unit shall conform to the load / mass based standards notified by this Ministry on 19 th May, 1993 and standards prescribed from time to time. The state board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	<p><u>Our Gaseous emission details</u></p> <p>Fibre dust emission fibre stack is 1.50 mg/Nm³ against 2.0 mg/Nm³</p> <p>SPM in cement stack is 28.2 µg/m³ against 100 µg/m³</p> <p>SPM in DG set 29.0 µg/m³ against 75 µg/m³</p>
iv. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM 10, 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 it's Regional Office at Bhubneswar and the SPCB /CPCB once in six months.	<p>The ambient air quality at four places are monitored and complied with the stated condition.</p> <p>The report of Ambient Air Quality sampling is attached for your reference.</p> <p>Annexure – 2</p>
v. Industrial waste water 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 Dec., 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	All our process water is 100% reused in our manufacturing process.

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<p>compliance of the stipulated environment clearance condition, including results of monitor data on your website and shall update the same periodically. It shall simultaneously be sent to the Regional office of the MOEF at Bhubaneswar. The respective Zonal office of CPCB and the SPCB. The criteria pollutant levels namely : PM10 , SO2 , NOx , (ambient levels as well as stack emission) or critical sectoral parameters , indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>condition along with all data has been being uploaded on the website and the same is being send to MoEF Ranchi, CPCB Calcutta, Monitoring cell MoEF Delhi and BSPCB Patna.</p> <p>The relevant display board for critical parameters has been displayed near the main gate in the public domain.</p>
<p>xiii. The project proponent shall also submit Six Monthly report on the status of the compliance of the stipulated environmental condition including results of monitored data (both in hard copies as well as by e-mail) to the regional office of MOEF, the respective Zonal office of CPCB and the SPCB. The regional office of this ministry at Bhubaneswar /CPCB/SPCB shall monitor the stipulate condition.</p>	<p>The monitoring data is being sent to the office along with the compliance report for the period of Oct-2022 to Mar-2023.</p>
<p>xiv. The environmental statement for each financial year ending 31st March in Formed – 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 condition and shall also be sent to the respective Regional office of MOEF at Bhubaneswar by Email.</p>	<p>Already sent for the financial year 2021-22 . A receipt of BSPCB is attached for your reference. ANNEXURE –7</p>
<p>xv. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with SPCB and may also be seen at the Website of the Ministry of Environment and Forests at http://envfor.nic.in This shall be advertised within seven days from the date of the issue of the clearance letter , at least in two Local News Papers 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 Bhubaneswar.</p>	<p>It is compiled and information given trough newspaper in the Vernacular language of the locality i.e. in Hindi.</p>
<p>xvi. Project authorities shall inform the regional office as well as the Ministry, the date of financial closer and final approval of the project by the concerned authorities and the date of commencing the land development work.</p>	<p>Complied & it was informed.</p>

For : Ramco Industries Limited

(RAMA MOORTHI.S)
Senior General Manager (Works)

vi. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz 75 dBA (daytime) and 70 dBA (nighttime).	Noise levels in around the Plant area is well under the limit and it is measured by third party agency – M/s. Shiva Test House (Patna) quarterly at different five places in the factory premises as well as shop floor. A report is enclosed for your reference ANNEXURE –2
vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	All first aid facilities are available with all resources. One doctor and compounder is available. Half yearly health check up through the third party – M/s. Riya Diagnostic, Bangalore is done .
viii. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	We have complied with the said condition. Rain water harvesting pond of size 23x18x5 meter has been developed.
ix. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report further, the company must undertake socio economic development activities in the surrounding villages like community development programmes , educational programmes , drinking water supply and health care etc.	<ol style="list-style-type: none"> 1. Rs. 57,053, Road paving work of BIADA connecting road. 2. Rs. 29,520, 40 Nos of AC Sheets provided to Udwant Nagar Police Station for Shed construction 3. Rs. 1,87,000, Nausetand Mathiya Govt Primary School (40 Steel Desk and chair, 1 Steel Amirah and 1 TV). 4. Rs. 20,000, SDM Office - Scanner cum Printer. 5. Rs. 12,960, 20 Nos.of AC Sheets provided to DSP for Shed construction. 6. Rs. 8,910, 11 Nos.3.6 Mtr of AC Sheets provided to Vidya Nand Pandey on DM recommendation for roof lentington .
x. Requisite amount 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 forest as well as the State Government. An implementation schedule for implementing all the condition stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purchase.	<p>Environmental Expenses details are</p> <p>Capital Expenses :- Oct- 2022 to Mar- 2023 –Rs.00.00</p> <p>Recurring Expenses :- Oct- 2022 to Mar- 2023 –Rs.14,62,113.39</p>
xi. A copy of clearance letter shall be sent by the proponent to concerned Panchayat , Zila Parishad / Municipal Corporation , Urban Local Body and the Local NGO , If any , from whom suggestions/ Representations . If any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	We have complied with the said condition.
xii. The project proponent shall upload the status of	The status of complains of the environment clearance

For : Ramco Industries Limited

(RAMA MOORTHI.S)
Senior General Manager (Works)

Trees details in Bihiya Plant are given below:

Sr. No.	Name of Trees	Qty. in Nos.
1	Mango Tree	285
2	Pee pal Tree	100
3	Seesham Tree	331
4	Plum Tree	106
5	Safeda (UK Liptus) Tree	105
6	Guava Tree	114
7	Ashoka Tree	106
8	Neem Tree	286
9	Siris Tree	142
10	Mahobani Tree	51
11	Black berry Tree	47
12	Gulmohar Tree	54
13	Sagaun Tree	47
14	Kadam Tree	81
15	Showplant Tree	118
16	Bakain Tree	28
17	Awala Tree	26
18	Karuaini Tree	138
19	Popular Tree	94
20	Kahuan Tree	21
21	Almond Tree	14
22	Gular Tree	16
23	Dhelwan Tree	11
24	Vat vriksh Tree	14
25	Shemar Tree	32
26	Pakari Tree	8
27	Badahal Tree	7
28	Jackfruit Tree	12
29	Coconut Tree	9
30	Custard apple Tree	2
31	Tarkul Tree	2
32	Sah tut Tree	1
Total numbers of Trees		2408



Production Details

Month	Total Qty In Mt.
Oct-22	5859
Nov-22	8171
Dec-22	11510
Jan-23	11372
Feb-23	9769
Mar-23	7714
Total Production	54395



Ramco Industries Limited



Plot No. A1,
BIADA Industrial Area
Opp Mahathin Mai Temple
Bihiya - 802152
Dist : Bhojpur (BIHAR)

Ref.:RIL/BIH/767/22-23/MoEF

Date: 20.10.2022

To

The Director,
Ministry of Env. and Forest, Climate Change
Ranchi Regional Office (ECZ),
Bungalow No. A-2, Shyamali Colony,
Ranchi-834 001

Sub: Half yearly compliance report for the period of April- 2022 to Sep- 2022.

Sir,

With reference to above we are submitting here with the half yearly compliance report of the Environment clearance condition including result of the monitored data for your kind information and record please.

Receipt of the same may kindly be acknowledged.

Yours Faithfully,

For, Ramco Industries Limited,

Pankaj Kumar
Pankaj Kumar

Asst.General Manager

CC: Monitoring Cell, MoEFCC, Delhi

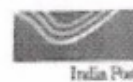
CPCB, Calcutta,

BEPFB, Patna & File copy.

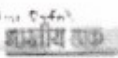
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3. Stack monitoring report, Monthly.
4. Ambient report weekly.
5. Green belt development of our site.
6. Medical Checkup & associated Picture.
7. Production Details.
8. CSR details.
9. Env. expense detail.

RECEIVED BY THE MONITORING
CELL DATA ON 20/10/2022
Pankaj Kumar, Bhojpur, Bihar
TATSE MONITORING UNIT BHOJ
BHOJPUR, BIHAR
COMPLIANCE STATUS
SATISFACTORY
ADDITIONAL INFORMATION ON
/Thank you for information
/BHOJPUR, BIHAR



New Delhi



RECEIVED BY THE MONITORING
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TATSE MONITORING UNIT BHOJ
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Patna



Ranchi

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/Thank you for information
/BHOJPUR, BIHAR



a

**WARNING
CONTAINS
ASBESTOS**

**Breathing
asbestos dust
is dangerous
to health**

**Follow safety
instructions**



RAMCO INDUSTRIES LIMITED BIHAR (STAFF)
PLOT NO. A1, BIADA INDUSTRIAL AREA, BIHIYA - 802 152, DISTRICT - BHOJPUR
(BIHAR).

Confidential

RIA DIAGNOSTICS - DOC NO: F - 8. 2. 4 - 01/ R1
MEDICAL SURVEILLANCE PROFORMA

SL. NO : 74

DATE : 21/12/2022

NAME : SARVESH PANDEY DEPARTMENT : QUALITY AND PRODUCT
AGE / SEX : 36 MALE DURATION OF SERVICE : 10-Years
E. NO : 10657 REG NO : 6,026,364
EMERGENCY 1. : 8140698601 EMERGENCY 2. : -

PERSONAL HISTORY

DIET : Vegetarian
ALLERGY : Nil

BLOOD GROUP : -

	SMOKING	ALCOHOL	TOBACCO CHEWING	SNUFF
QUANTITY	Nil	Nil	Nil	Nil
DURATION	Nil	Nil	Nil	Nil
TYPE	Nil	Nil	Nil	Nil

OBSTETRIC / MENSTRUAL HISTORY

Not Applicable

PRESENTING COMPLAINTS

No Complaints

PAST HISTORY

Not Significant

FAMILY HISTORY

(Father, Mother, Siblings)

Not Present

GENERAL PHYSICAL EXAMINATION

DEFECTS / DISABILITY : No Epilepsy, No Knock Knee, No Flat Foot, No Disc Prolapse, No Club Foot, No Hernia and No Varicose Veins

HEIGHT : 169 Cms WEIGHT : 69 Kg BODY MASS INDEX : 24.159
IDEAL WEIGHT : 64.00 - 69.00 Kg PULSE RATE : 88 b/mt BP : 140/90 mm Hg
RANGE INSPIRATION / EXPIRATION: Cms - Cms

Your BMR : 1,611.50 kcal / day

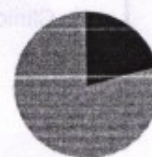
The Basal Metabolic Rate (BMR) is the rate your body burns energy (approx. 1600 kcs/day) during a normal resting state.
The BMR is based on your lean weight, the greater your lean weight, more the calories you burn.

Interpreting Your BODY MASS INDEX

Adult	Women	Men
Underweight	< 19.1	< 20.7
In normal range	19.1-25.8	20.7-26.4
Marginally overweight	25.8-27.3	26.4-27.8
Overweight	27.3-32.3	27.8-31.1
Very overweight or obese	> 32.3	> 31.1

Interpreting Your BODY FAT PERCENTAGE

79.08 FAT FREE MASS %
20.92 FAT %



Classification	Women (% fat)	Men (% fat)
Athletes	14-20%	6-13%
Fitness	21-24%	14-17%
Acceptable	25-31%	18-25%
Obese	32% plus	25% plus

TUNING FORK TEST : Normal
ORAL CAVITY : Good Hygiene

LYMPH NODES : Not Palpable
PALLOR : No

AUDIO GRAM



RIA DIAGNOSTICS DOC NO: F - 8. 2. 4. - 02

Name Of The Company : **RAMCO INDUSTRIES LIMITED BIHAR (STAFF)**

PLOT NO. A1, BIADA INDUSTRIAL AREA, BIHIYA - 802 152, DISTRICT - BHOJPUR (BIHAR).

Name Of The Employee : Mr. SARVESH PANDEY

Date 21-Dec-2022

Age : 36

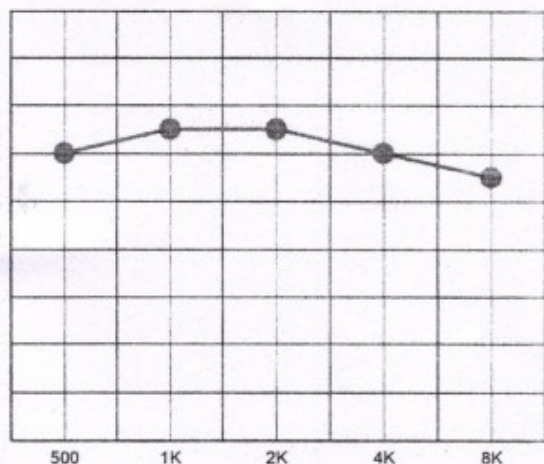
Sex : Male

Employee No : 10657

SI No : 74

Department : QUALITY AND PRODUCT

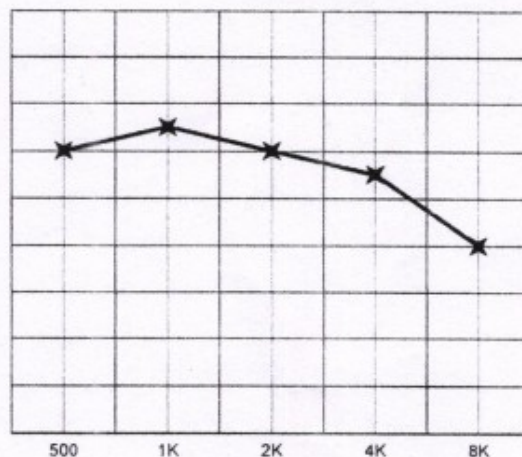
RIGHT (HERTZ)



(dB)

0
10
20
30
40
50
60
70
80

LEFT (HERTZ)



EAR	PURE TONE AVERAGE (dB)
RIGHT	Low Frequency : 17
	High Frequency : 22
LEFT	Low Frequency : 18
	High Frequency : 32

AUDIOLOGICAL INTERPRETATION :

Bilateral Hearing Within Normal Limits

RECOMMEDATION :

Audiologist / Doctor



Ria Diagnostics®
An ISO - 9001 : 2015 Certified Organisation



NAME : Mr. SARVESH PANDEY
AGE : 36 Years
REF BY : RAMCO INDUSTRIES LIMITED BIHAR (STAFF)
COMPANY : RAMCO INDUSTRIES LIMITED BIHAR (STAFF)

DATE : 21-12-2022
SEX : Male
REG. # : 6026364
E.NO/SL No : 10657 / 74

TEST	RESULT	NORMAL VALUE
HAEMATOLOGY		
Haemoglobin	: 16.5 gms %	13.5 - 18.0 gms %
Total W B C count	: 6,400 Cells / cumm	4,400 - 11,000 Cells / cumm
Differential Count		
Neutrophils	: 56 %	54 - 75 %
Lymphocytes	: 40 %	20 - 40 %
Eosinophils	: 02 %	01 - 06 %
Monocytes	: 02 %	02 - 10 %
Basophils	: 00 %	00 - 01 %
E S R	: 06 mm / hr	05 - 15 mm / hr

URINE ROUTINE

CHEMICAL EXAMINATION

Albumin : Nil
Sugar : Nil

MICROBIOLOGY

Sputum for AFB : Sputum for AFB & Asbestos Fibre - Negative

TECHNICIAN

PATHOLOGIST

Dr. (Mrs.) K. Thungabhadra Rao, MBBS., PGD. Clin. Path(MAHE)
KMC No: 59295
Consultant Pathologist



RAMCO INDUSTRIES LIMITED BIHAR (STAFF)
PLOT NO. A1, BIADA INDUSTRIAL AREA, BIHIYA - 802 152, DISTRICT - BHOJPUR
(BIHAR).

Confidential

RIA DIAGNOSTICS - DOC NO: F - 8.2.4 - 01/ R1
MEDICAL SURVEILLANCE PROFORMA

SL. NO : 116

DATE : 21/12/2022

NAME : NIKHIL KUMAR KARMSHIL DEPARTMENT : HUMAN RESOURCES
AGE / SEX : 43 MALE DURATION OF SERVICE : 3-Years
E. NO : 11372 REG NO : 6,026,406
EMERGENCY 1. : 9504832368 EMERGENCY 2. : -

PERSONAL HISTORY

DIET : Mixed Diet BLOOD GROUP : -
ALLERGY : Nil

	SMOKING	ALCOHOL	TOBACCO CHEWING	SNUFF
QUANTITY	Nil	Nil	Nil	Nil
DURATION	Nil	Nil	Nil	Nil
TYPE	Nil	Nil	Nil	Nil

OBSTETRIC / MENSTRUAL HISTORY : Not Applicable

PRESENTING COMPLAINTS : No Complaints

PAST HISTORY : Not Significant

FAMILY HISTORY (Father, Mother, Siblings) : Not Present

GENERAL PHYSICAL EXAMINATION

DEFECTS / DISABILITY : No Epilepsy, No Knock Knee, No Flat Foot, No Disc Prolapse, No Club Foot, No Hernia and No Varicose Veins

HEIGHT : 181 Cms WEIGHT : 83 Kg BODY MASS INDEX : 25.335
IDEAL WEIGHT : 76.00 - 81.00 Kg PULSE RATE : 88 b/mt BP : 140/90 mm Hg
RANGE INSPIRATION / EXPIRATION: Cms - Cms

Your BMR : 1,815.70 kcal / day

The Basal Metabolic Rate (BMR) is the rate your body burns energy (approx. 1600 kcal/day) during a normal resting state.
The BMR is based on your lean weight, the greater your lean weight, more the calories you burn.

Interpreting Your BODY MASS INDEX

Adult	Women	Men
Underweight	< 19.1	< 20.7
In normal range	19.1-25.8	20.7-26.4
Marginally overweight	25.8-27.3	26.4-27.8
Overweight	27.3-32.3	27.8-31.1
Very overweight or obese	> 32.3	> 31.1

Interpreting Your BODY FAT PERCENTAGE

77.57 FAT FREE MASS %
22.43 FAT %



Classification	Women (% fat)	Men (% fat)
Athletes	14-20%	6-13%
Fitness	21-24%	14-17%
Acceptable	25-31%	18-25%
Obese	32% plus	25% plus

TUNING FORK TEST : Normal LYMPH NODES : Not Palpable
ORAL CAVITY : Good Hygiene PALLOR : No

SL NO : 116









E. NO : 11372

REG NO : 6,026,406

VISUAL ACUITY

	DISTANT VISION	NEAR VISION	COLOUR VISION	CORRECTIONS
RIGHT	6/6	N/6	Normal	With Correction
LEFT	6/6	N/6	Normal	With Correction

SYSTEMIC EXAMINATION

RESPIRATORY SYSTEM		Normal Vesicular Breath Sounds Heard, No Ronchi, No Crepitations
CARDIO - VASCULAR SYSTEM		Apical Beat Normal, S1+S2 Heard Normal In Apical, Pulmonary, Aortic & Tricuspid Areas No Thrills/Murmurs
CENTRAL NERVOUS SYSTEM		Cranial Nerves are Normal, No Abnormality Detected
ABDOMEN		Soft, No Hepatosplenomegaly
SKIN		Normal
LUNG FUNCTION TEST		PFT - Not Applicable
AUDIOMETRY		Bilateral Hearing Within Normal Limits
ELECTRO CARDIOGRAM (ECG)		Not Applicable
CHEST X-RAY IMPRESSION		Not Applicable

BLOOD

LAB INVESTIGATION

Report Enclosed

URINE

SUGAR / ALBUMIN : Report Enclosed

DIETARY ADVICE

Type	Activity	Total Calories Needed Per Day
SEDENTARY WORK	little or no exercise	2178.84 kcal/day
MODERATE WORK	moderate exercise/sports 3-5 days/week	2814.34 kcal/day
HEAVY WORK	very hard exercise/sports & physical job	3613.24 kcal/day

ADVICE / REMARKS

1. Wear Spectacles Regularly
2. Periodic Eye Check Up Once in Six Months
3. Advised Weight Reduction - Brisk Walk Regularly for 40 Minutes Every day.
4. Life Style Modifications Desired - Fat Free Diet/ Regular Exercises
5. Salt Restricted Diet

FIT TO WORK

Ria Diagnostics, 41/75, 1st Floor (Above Boots), 2nd Block, 20th Main, Rajajinagar, Bangalore-560 010 riadiagnostics@gmail.com



Dr. K ROHITH, MBBS, MD (KMC No 41280)
CONSULTANT IN OCCUPATIONAL HEALTH

Dr. K. ROHITH, MBBS, MD
Consultant in Occupational Health

KMC Reg. No. 41280

AUDIO GRAM



RIA DIAGNOSTICS DOC NO: F - 8. 2. 4. - 02

Name Of The Company : **RAMCO INDUSTRIES LIMITED BIHAR (STAFF)**

PLOT NO. A1, BIADA INDUSTRIAL AREA, BIHIYA - 802 152, DISTRICT - BHOJPUR (BIHAR).

Name Of The Employee : Mr. NIKHIL KUMAR KARMSHIL

Date 21-Dec-2022

Age : 43

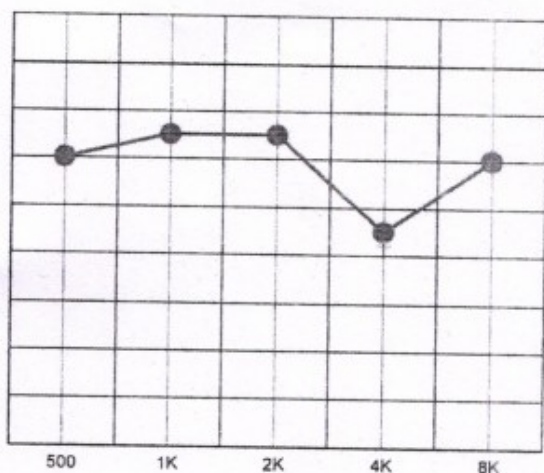
Sex : Male

Employee No : 11372

SI No : 116

Department : HUMAN RESOURCES

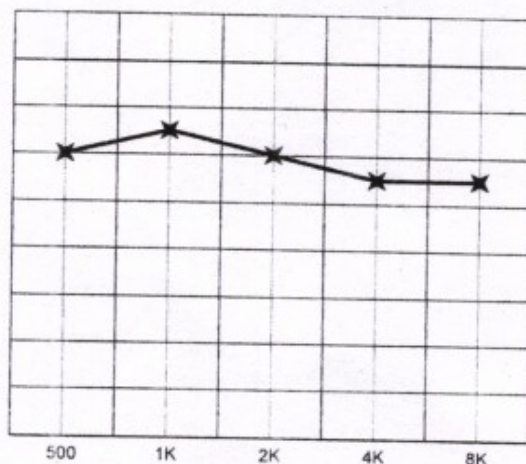
RIGHT (HERTZ)



(dB)

0
10
20
30
40
50
60
70
80

LEFT (HERTZ)



EAR	PURE TONE AVERAGE (dB)
RIGHT	Low Frequency : 17
	High Frequency : 28
LEFT	Low Frequency : 18
	High Frequency : 25

AUDIOLOGICAL INTERPRETATION :

Bilateral Hearing Within Normal Limits

RECOMMEDATION :

Audiologist / Doctor