

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.

To,

09.07.2020

The Asst. General Manager, M/s. Ramco Industries Limited, PLOT NO.12 A, SIPCOT Industrial Growth Centre, Gangaikondan, Tirunelveli Dist. Tamil Nadu - 627 352

Dear Sir,

Please find enclosed here with the results of Dust Samples of Work Place, Ambient Air and Stack Analyzed by J R LABS for Determination of Respirable Asbestos Fibre Concentration of June 2020.

Thanking You

Yours sincerely,

For J R LABS

Research Fibre Analyst





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09.07,2020

REPORT ON RESPIRABLE ASBESTOS FIBRE DUST CONCENTRATION

Project

: M/s. Ramco Industries Limited, Plot No.12 A, Sipcot Industrial Growth Centre, Gangaikondan, Tirunelveli (Dist.) Tamil Nadu -627352

Sampler used

Sampling Duration:

Samples collected by Client

Analyzed under : Olympus make, Japan,

using Envirotech APM 800

B X 40 Phase Contrast

Personal Sampling

60 minutes each

Microscope

Flow rate

: 1.0 L P M

Specifications :

As per A | A - R T M |

& 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/ee of air	Remarks
1	26.06.2020	Static Fibre Godown	The Static sample is collected from the Fibre Godown where palletized Fibre bags are stored. Torn bags are taped. Wet moping done.	< 0.1 (0.096)	 2
2	26.06,2020	Personal Edge Runner Mill – B O D	The worker carrying the Sampler was feeding fibre bags to the B O D through Roller Conveyor. Dust collector in operation.	< 0.1 (0.088)	200
3	26,06.2020	Static ER Mill – Wet Opener	B O D, E R Mill and Dust Collector in operation,	< 0.1 (0.092)	-

For JR LABS

Research Fibre Analyst

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



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Sampler used

Samples collected by Client

Analyzed under : Olympus make, Japan,

using Envirotech APM 800

B X 40 Phase Contrast

Personal Sampling

Flow rate

: 1.0 L P M

Sampling Duration: 60 minutes each

Specifications

As per A I A - R T M!

& IS: 11450 - Membrane

Filter Method

Microscope

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

SI. No.	Date of sampling	Location	Condition	Dust concentration fibre/cc of air	Remarks
4	26.06.2020	Personal Cutter Off S F Drum	The worker carrying the Sampler was cutting the Sheets at green stage on main Machine along with another worker.	< 0.1 (0.096)	
5	27.06.2020	Personal Stripping	The worker carrying the Sampler was engaged in operation of Stripping Machine. The sample is collected during the production of F C C Sheets.	< 0.1 (0.084)	
6	27.06.2020	Personal M G Section - Moulding	The worker carrying the Sampler was making R1 & R2 moulded articles along with other workers. Semi wet process,	< 0.1 (0.048)	

For JR LABS

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J'R LABS

ENVIRONMENT & OCCUPATIONAL HEALTH SERVICES

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Project

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Sampler used

: Samples collected by Client using Envirotech APM 800

Analyzed under : Olympus make, Japan,

B X 40 Phase Contrast

Personal Sampling

Microscope

Flow rate

1.0 L P M

Sampling Duration: 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.

SI.	Date of sampling	Location	Condition	Dost concentration fibre /cc of air	Remarks
7	27.06.2020	<u>Personal</u> Pulverizer	The worker carrying the Sampler was feeding broken F C C Sheets through the Chute of Pulverizer.	< 0.1 (0.068)	124
8	27.06.2020	Personal Salvaging Section	The worker carrying the Sampler was reclaiming the Sheets. F C C rejected Sheets were getting reclaimed. Wet process.	< 0.1 (0.064)	
9	29.06,2020	<u>Statie</u> Ball Mill	The Static sample is collected during running of Ball Mill. Wet process.	< 0.1 (0.072)	- 200

For JR LABS

Research Fibre Analyst



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Project

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Sampler used

Samples collected by Client

Analyzed

: Olympus make, Japan.

using Envirotech APM 800 Personal Sampling

under

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 & PCB = 0.1 fibre per cc of air.

SI. No.	Date of sampling	Location	Condition	Dust concentration fibre/cc of air	Remarks
10	29.06.20 2 0	Personal Fork Lift Operator	The Fork Lift Operator carrying the Sampler was engaged in different work activities like; shifting of Sheets from Destacking Area to Stock Yard during the period of sampling.	< 0,1 (0,088)	(ense)
11	29.06.2020	Personal Q C Lab Assistant	The Q C Lab Asst, carrying the Sampler was engaged in different Lab Activities during the period of sampling.	< 0.1 (0.084)	_

For JR LABS

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Sampler used

Samples collected by Client using Envirotech APM 800

Analyzed under: Olympus make, Japan,

B X 40 Phase Contrast

Microscope

Flow rate

1.0 L P M

Specifications

: Asper A I A - R T M I & [S: 11450 - Membrane

Sampling Duration:

60 minutes each

Personal Sampling

Filter Method

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

SI. No.	Date of sampling	Location	Condition	Dust concentration fibre /cc of alr	Remarks
12	29.06.2020	Statle Ambient Air: Near Main Gate – Security Office	The Static sample is collected from near the Main Gate - Security Office. The Plant was in production of F C C Sheets.	< 0.1 (0.080)	_
13	29.06.2020	Static Ambient Air: Near Stock Yard - Sheet Loading Area	The Static sample is collected from the Stock Yard - Sheet Loading Area. Sample is collected during loading of different sizes of F C C Sheets into the Truck.	< 0.1 (0.060)	-

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