



VISAKA INDUSTRIES LIMITED[®]

CIN : L52520TG1981PLC003072

**FACTORY : Mouza-Changsole, Bankibandh, G.P. No. 4, Post.-Saiyedpur, P.S.-Salboni,
District- West Midnapore-721147 (W.B.), TEL : +91-8170064041 / 42**

To,
The Chief Conservator of Forest
Ministry of Environment & Forests.
Regional Office (Eastern Zone)
A-3 Chandrasheharpur.
Bhubaneswar - 751023.

Dt:- 16/01/23

Sub :-Half Yearly Compliance Report for the period of Apr-22 to Sep-22

Ref:- Approval letter no. J-11011/92/2002-AII(1) dated 06-02-2003

Dear Sir,

Enclose please find hard copy of the half- yearly compliance report from Apr-22 to Sep-22 with copies of all test certificates, A soft copy of compliance report is being forwarded by e-mail.

Yours faithfully

For Visaka Industries Ltd.

Biplab Banerjee
(Asst. Works Manager)



Visaka Industries Limited
AC DIVISION-IV SALBONI, MIDNAPUR(W), WEST BENGAL

List of Attachment Details of Compliance report (Hard copy)

1. Copies of Ambient Air Monitoring	
2. Monitoring of PM2.5 for all AAQ monitoring station	
3. Copies of Stack Emission	
4. Copies of Personal Samples	
5. Asbestos sheet production with Asbestos fibre consumption details.	
6. All Employees Medical Report	
7. Green Belt Development Report	
8. Environmental statement from Apr-22 to Sep-22. (Cost)	
9. Environment monitoring equipment & control equipment details.	
10. Details of Environmental Monitoring Cell (EMC)	
11. Bore well Authorization certificate details.	
12. Drinking water Test report.	
13. Hazardous waste Authorization certificate.	
14. NOC of consent to operate.	

For visaka Industries Limited


Biplab Banerjee
(Asst. Works Manager)

For VISAKA INDUSTRIES LTD.

Biplab Banerjee
(Asst. Works Manager)



Handwritten signature or initials, possibly "H. C. 1874".



**VISAKA INDUSTRIES LIMITED.
AC DIVISION - III.
SALBONI # MIDNAPORE (W).**

**SIX MONTHLY COMPLIANCE REPORT
FOR THE PERIOD
APRIL-2022 TO SEPTEMBER-2022**

**SIX MONTHLY COMPLIANCE REPORT FOR THE PERIOD
APRIL- 2022 TO SEPTEMBER- 2022**

Ref: Approval letter no J-11011/92/2002-AII(1) dated 06-02-2003.

A. SPECIFIC CONDITIONS:

	Conditions	Compliance Status
i.	The project proponent shall adhere to the prescribed BIS standards and laws regarding use and handling of asbestos, safety of employees' etc.	We are adhering to the prescribed BIS standards and laws regarding use and handling of asbestos, safety of employees etc.
ii	Blue asbestos should not be utilized as a raw material in the manufacturing process. A written commitment in this regard should be furnished within a period of one month. .	We stand committed to our policy decision of not using Blue asbestos as one of the raw material.
iii	There should be no manual handling / opening of asbestos fibre bags. The company should install fully automatic asbestos fibre debagging system before commissioning the unit.	We assure you that we will not handle/open asbestos fiber bag manually. Bag opening is being done through fully automatic debagging system installed well before the commissioning of the plant.
iv.	The company shall comply with total dust emission limit of $2\text{mg}/\text{Nm}^3$ as notified under the Environment (Protection) Act, 1986. Adequate measures should be adopted to control the process emission and ensure that the discharge of asbestos fibre does not exceed the emission limit of 0.2 fibre/cc. Further, in the work zone area the fibre count should not exceed 0.5 fibre/cc.	Our emission levels through fibre stack are well below the limits, prescribed by the MOEF in respect of total dust max 2 mg/NM3 and Fibre count not exceeding 0.2 fibre/cc. Work zone fibre count is not exceeding 0.1 fibre/cc, which has been revised in the clearance letter no J-11011/3/2004- IA II (I) dated 24.02.2006 from 0.5 fibre/cc to 0.1 fibre/cc. For this we have Installed Bag Filter type Dust collector attached to the Fiber Mill and Bag Opening Device combined. Adequate care has been taken to ensure that process emission, discharge of Asbestos fiber & fiber count in work zone are with in the prescribed limit. A monitoring report is enclosed
v.	The air pollution control measures such as bag filters should be interlocked with the manufacturing process. In the event of failure of any pollution control system, the unit should be put out of operation immediately and should	The Air pollution control measures such as bags filters are interlocked with the manufacturing process. In the event failure of any pollution control system the unit automatically is put out of

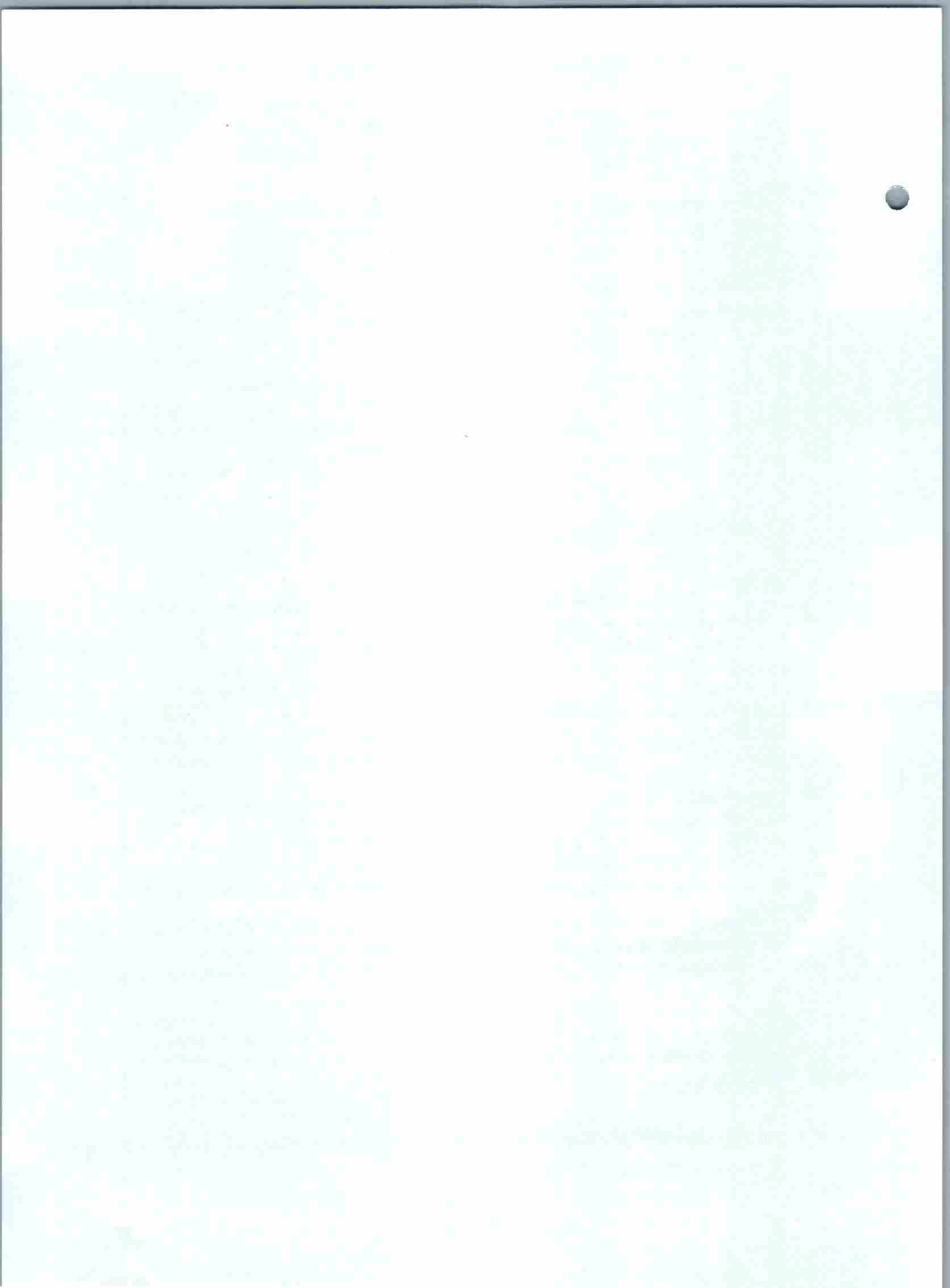


	not be restarted until the control system is rectified to achieve the desired efficiency.	operation immediately. We ensure that plant will be restarted after control system is rectified to achieve the desired efficiency.
vi.	Bags containing asbestos fibre should be stored in enclosed area to avoid fugitive emission of asbestos fibre from damaged bags, if any.	Bags containing asbestos, fiber are stored in enclosed separate godown.
vii	Continuous measurement of pollutants in the work zone area should be undertaken. In addition, the asbestos fibre count in the work zone area should be monitored by an Independent Monitoring Agency like NIOH, ITRC/NCB etc on a six-monthly basis. The monitoring data should be submitted to the SPCB once in a three months and to this Ministry every six months.	An Environmental Laboratory is already available at the site which monitors the required parameters. The asbestos fibre count in the work zone area is being monitored on a monthly basis. By using Envirotech air samplers, air samples are collected at various locations and the sample heads after proper sealing is sent to our Central ENV Laboratory which is stationed at our Paramathi (near Salem, TN) unit. We have already done fibre dust sample by CLI(Bombay) & RLI (Kolkata). We are also getting the asbestos fibre count in work zone area monitored by MOEF approved/reputed Laboratories.
viii	As reflected in the EMP, there will be no discharge of process effluent. The entire process effluent should be reused / recycled in the manufacturing process. The domestic waste water should be adequately treated in a sewage treatment plant and used for green belt development.	No process effluent is discharged outside the plant premises. 100% is recycled to the process.
ix.	The company will ensure that the entire solid waste generated including process rejects, dust from bag filters and empty asbestos bag will be reused in the manufacturing process. The disposal facilities for asbestos waste should 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 fiber bag will be reused in the manufacturing process.
x	Regular medical examination of workers and health monitoring of the employees should be carried out and record maintained. A competent occupational health physician should be appointed to carry out the medical surveillance. The occupational health monitoring must be strengthened to include periodic (Six months) sputum test along with pulmonary test supplemented by X-Ray test annually. The company should also provide medical and health care facilities at the work	Regular medical examination and health monitoring of employees is being carried out and record is being maintained. A competent Occupational health physician has been carrying out the surveillance. The Occupational health monitoring includes periodic sputum test along with pulmonary test supplemented by X ray test . We have also provided medical and health care facilities at the work

	place and if cases of asbestosis are detected, necessary compensation should be arranged under the existing laws.	place.
xi	The company should also undertake water-harvesting measures and plan of action should be submitted to MOEF within three months	We have already done rain water harvesting systems at our site. A complete layout drawing have been submitted earlier.
xii	As reflected in the EMP, 63% of the project area should be developed as greenery with local species in consultation with DFO.	The green belt is continuously being developed. We have already Planted 15,950 no's saplings around the plant boundary. Some of the varieties are mango, Arjun, Gulmohar, Kaiji, Kassia, Seesam, Neem, Ukaliptus, Amala, Jack fruit, Guava, Chiku etc.

C. GENERAL CONDITIONS:

	Conditions	Compliance Status
i.	The project authorities must strictly adhere to the stipulations made by the West Bengal State Pollution Control Board and the State Government.	We are strictly adhering to the stipulations made by the West Bengal Pollution Control Board and the state government, West Bengal.
ii	No further expansion / modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	We confirm that we shall not take any modification or expansion in the plant with out prior permission of MOEF.
iii.	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Wastes (Management & Handling) Rules, 2000.	We will strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with Hazardous wastes (management & handling) rules 2003.
iv.	The project proponent shall also comply with all the recommendations made by the public Hearing panel and safeguards recommended in the EIA/EMP Report.	We comply with all the recommendations made by public hearing panel and safe guards as recommended in the EIA/EMP reports.
v.	The project authorities will set-up a separate environmental management cell for effective implementation of all the above stipulations under control of Sr. Executive.	We have already setup a separate environmental cell consisting of Well qualified Sr.executive, HOD and competent chemist. To ensure all the rules & conditions are effectively implemented.
vi.	The project authorities will provide adequate	We have provided adequate funds both



	funds both recurring and non-recurring to implement the conditions stipulated by the Ministry Of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The fund so provided should not be diverted for any other purposes.	recurring and non-recurring to implement the conditions stipulated by MOEF as well as state government. The funds so provided is not being diverted for any other purposes.
vii.	The Regional Office of this Ministry at Bhubaneswar / Central Pollution Control Board / State Pollution Control Board will monitor the stipulated conditions. A six monthly compliance status report and the monitored data along with statistical interpretation should be submitted to them regularly.	We are regularly submitting a quarterly & half yearly compliance status report along with all the monitoring data's to WBPCB & MOEF respectively.
viii.	The project proponent should inform the public that the project has been accorded environmental clearance by the ministry & copies of the clearance letter are available with the state pollution control board / committee & may also be seen at website of the ministry of environment & forests at http://envfro.nic.in . This should 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 & a copy of the same shall be forwarded to the regional office .	We confirm that we have informed the public through advertisement in "The Statesman" a leading daily news paper (English) that the Visaka Industries Ltd has been accorded environmental clearance by the ministry & copies of the clearance letter are available with the State Pollution Control Board / Committee & may also be seen at website of the ministry of environment & forests at http://envfro.nic.in .

For **visaka Industries Limited**


Biplab Banerjee
 (Asst.Works Manager)

For VISAKA INDUSTRIES LTD.

Biplab Banerjee
 (Asst. Works Manager)



10/20/00



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



MAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 08.07.2022	Report No: IC/HL/ARN-574/2022	Format No: IC/FM/H/61
Customer Name	M/S. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mourza - Changsole, Vill - P.O - Savedpur, P.S - Sahibni, Paschim Medinipur, Pin - 721147	Sampling Date
Customer Representative Name & Contact Number	Mr. Soumi Chanda Mob No 8170064044	Analysis Start Date
Work Order No.	39640 Dtd: 02.06.2022	Analysis complete Date
Sample Description	AMBIENT AIR	
Location	IN BETWEEN WEIGH BRIDGE & RAW MATERIALS GODOWN	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle. Suction of ambient air direct into analyser through Teflon tube and in Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III) / Air Sampling & Analysis 3 rd Edition, CPCB Guideline (Vol - 1)	
Test Specification	National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi, Notification dated 18 th November 2009	

Sl. No.	Parameters	Unit	SAMPLING TIME			24 Hours Average	Test Method
			10:30 AM to 06:30 PM	06:45 PM to 02:45 AM	03:00 AM to 11:00 AM		
			RESULT				
1.	Respirable Particulate Matter (PM ₁₀)	µg / m ³	75.10	93.20	84.14	84.15	IS 5182 (Part 2) 2001 (RA 2017)
2.	Respirable Particulate Matter (PM _{2.5})	µg / m ³	26.47	35.85	28.43	30.25	IS 5182 (Part 2) 2001 (RA 2017)
3.	Sulphur Dioxide (SO ₂)	µg / m ³	10.16	15.23	11.17	12.19	IS 5182 (Part 2) 2001 (RA 2017)
4.	Oxides of Nitrogen (NO _x)	µg / m ³	32.66	36.19	33.54	34.13	IS 5182 (Part 2) 2001 (RA 2017)
5.	Lead (Pb)	µg / m ³	BDL	BDL	BDL	BDL	Guidelines for Measurement of ambient air pollution (Vol. 1) NAAQMS, 2012, 13, Atomic Absorption Method
6.	Benzene (C ₆ H ₆)	µg / m ³	BDL	BDL	BDL	BDL	IS 5182 (Part 1) 2006 (RA 2017)
7.	Ammonia (NH ₃)	µg / m ³	BDL	BDL	BDL	BDL	Method of Air Sampling & Analysis 3 rd Edition, 1988 Method No. 408
8.	Ozone (O ₃)	µg / m ³	40.1	-	-	40.1	Guidelines for Measurement of ambient air pollution (Vol. 1) NAAQMS, 2012, 13, (Chemical Method)
9.	Carbon Monoxide (CO)	mg / m ³	0.2671	0.2937	0.3247	0.2952	Non-Dispersive Infrared Spectrometry Method
10.	Benzo(a)Pyrene (BaP)	ng / m ³	BDL	BDL	BDL	BDL	IS 5182 (Part 1) 2006 (RA 2017)
11.	Arsenic (As)	ng / m ³	BDL	BDL	BDL	BDL	Atomic Absorption Spectrophotometric Method
12.	Nickel (Ni)	ng / m ³	BDL	BDL	BDL	BDL	Atomic Absorption Spectrophotometric Method
13.	Ambient Temperature (Average)	°C	34.0	29.0	29.0	31.0	Hydrometer

Limit: (µg/m³) Ambient Air Quality standard (National)

PM₁₀ - (10) µg/m³, PM_{2.5} - 60 µg/m³, SO₂ - 80 µg/m³, NO_x - 80 µg/m³, Lead - 1.0 µg/m³, Ammonia - 400 µg/m³, 24 hours basis, Carbon monoxide - 2 mg/m³, 1 hour basis, Benzene - 5 µg/m³, Benzopyrene - 1 ng/m³, Arsenic - 6 ng/m³, Nickel - 20 ng/m³, Annual basis. For Industrial, Residential, Rural & Other Area and Ecologically Sensitive Area

Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi, Notification dated 18th November 2009

Prepared By: A. Patra

Checked By: A. Patra

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
- * Information provided by customer
 - Sample is drawn by M/s. Indicative Consultant India
 - Sample submitted and identified by customer as: NA
 - Test results shown in this test report relate only to the sample (s) only
 - The test results referred in test report are based on observations & measurements under the stated environmental conditions
 - The reproduction of the report except in full is invalid without written approval of the laboratory
 - Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 - Retention period of tested samples (other Paper) is 180 days from the date of issue of test report unless otherwise specified
 - Location of Testing: Haldia Laboratory

End of Report

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TEST REPORT

Date: 05.07.2022	Report No: IC/TH/A/TC-434/2022	Format No: IC/P/MT/62
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mouza - Chhangole, Vill - P.O. Sayedpur, P.S. - Sahom, Paschim Medinipur, Pin - 721147	Sampling Date
Customer Representative	Mr. Sand Chanda	Analysis Start Date
Name & Contact Number	Mobile No. 817064044	Analysis Complete Date
Work Order No.	39640/19d/02/06/2022	
Sample Description	AMBIENT AIR	
Location	AMBIENT AIR MONITORING STATION NO. - J (T.A)	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle	
Sampling Method	CPCB Emission Regulation (Part III)	
Test Specification	National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009	

Sl. No.	Parameters	Unit	Test Method
1	Suspended Particulate Matter (SPM)	($\mu\text{g}/\text{m}^3$)	SAMPLING TIME 10:10 AM to 06:10 PM
2	Respirable Particulate Matter (RPM/PM ₁₀)	($\mu\text{g}/\text{m}^3$)	RESULT
3	Sulphur Dioxide (SO ₂)	($\mu\text{g}/\text{m}^3$)	IS 5182 (Part - 4) 1999 (RA 2017)
4	Oxides of Nitrogen (NO _x)	($\mu\text{g}/\text{m}^3$)	IS 5182 (Part - 2) 2001 (RA 2017)
5	Ambient Temperature (Average)	($^{\circ}\text{C}$)	IS 5182 (Part - 4) 2006 (RA 2017)
	Ambient Air Quality Standard (National)		IS 5182 (Part - 4) 2006 (RA 2017)
	SPM - No Limit, RPM/PM ₁₀ = 100 $\mu\text{g}/\text{m}^3$, SO ₂ = 80 $\mu\text{g}/\text{m}^3$, NO _x = 80 $\mu\text{g}/\text{m}^3$, 24 hours basis (Industrial, Residential, Rural, Ecologically Sensitive Area & Other Area)		
	Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009		

For: INDICATIVE CONSULTANT INDIA

Checked By: A. Mitra



Test Witnessed By: Nil (Sampling was done in front of customer representatives)

Estimated Uncertainty: Not Required

Note: Information provided by customer. Sample is drawn by IC's indicative consultant India. Sample submitted and identified by customer as: A4. Test results shown in this test report relate only to the sample received. The report is prepared in full as stated without reservation or qualification. The report is not responsible for the authority of the laboratory. The test report is valid for 180 days & after 180 days it is not valid. Location of testing: Haldia, West Bengal. (Note: Report is 180 days & after 180 days it is not valid. The report is not responsible for the authority of the laboratory. The test report is valid for 180 days & after 180 days it is not valid.)

End of Report

Page No: 1



INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



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TEST REPORT

Date: 05.07.2022	Report No: IC/HL/APTC-433/2022	Format No: IC/FM/H/62
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No : 2022/PA-433
Address	Mouza - Changsole Vill. - P.O Sayedpur, P.S. - Salboni PaschimMedinipur, Pin - 721147	Sampling Date : 29.06.2022
#Customer Representative Name & Contact Number	Mr. Sunil Chanda Mob. No. 8170064044	Analysis Start Date : 04.07.2022
#Work Order No.	39640 Dtd. 02.06.2022	Analysis complete Date : 04.07.2022
#Sample Description	AMBIENT AIR	
#Location	AMBIENT AIR MONITORING STATION NO. - 2 (L ₂)	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III)	
Test Specification	National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009	

Sl. No.	Parameters	Unit	SAMPLING TIME 09:45 AM to 05:45 PM	Test Method
			RESULT	
1	Suspended Particulate Matter (SPM)	($\mu\text{g}/\text{m}^3$)	254.18	IS 5182 (Part - 4) 1999 (RA 2019)
2	Respirable Particulate Matter (RPM/PM ₁₀)	($\mu\text{g}/\text{m}^3$)	76.11	IS 5182 (Part - 23) 2006 (RA 2017)
3	Sulphur Dioxide (SO ₂)	($\mu\text{g}/\text{m}^3$)	13.20	IS 5182 (Part - 2) 2001 (RA 2017)
4	Oxides of Nitrogen (NO _x)	($\mu\text{g}/\text{m}^3$)	35.30	IS 5182 (Part - 6) 2006 (RA 2017)
5	Ambient Temperature (Average)	°C	32.0	Hydrometer
Limit: ($\mu\text{g}/\text{m}^3$) - Ambient Air Quality standard (National)				
SPM = No Limit, RPM/PM ₁₀ = 100 $\mu\text{g}/\text{m}^3$, SO ₂ = 80 $\mu\text{g}/\text{m}^3$, NO _x = 80 $\mu\text{g}/\text{m}^3$, 24 hours basis (Industrial, Residential, Rural, Ecologically Sensitive Area & Other Area)				
Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009				

Prepared By: *[Signature]*

Checked By: A. Patra *[Signature]*

For: INDICATIVE CONSULTANT INDIA



Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
- Information provided by customer
 - Sample is drawn by A/C Indicative Consultant India
 - Sample submitted and identified by customer as NA
 - Test results shown in this test report relate only to the sample(s) only
 - The test results referred in test report are based on observations & measurements under the stated circumstances and conditions
 - The reproduction of the report except in full is invalid without written approval of the laboratory
 - Once issued, the test report certificate is a public document and laboratory is not responsible for the authenticity of photocopied test report
 - Retention period of tested samples (filter papers) is 180 days & filter papers are destroyed from the date of issue of test report unless otherwise specified
 - Location of Testing: Haldia Laboratory

End of Report

Page: 1 of 1



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 08.10.2022	Report No: ICI/IL/A/PTC-680/2022	Format No: ICI/IL/62
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mouza - Changsole, Vill - P.O. Sayedpur, P.S - Sainboni, Paschim Medinipur, Pin - 721147	Sampling Date
#Customer Representative Name & Contact Number	Mr. Sundi Chanda Mob. No. 8170064044	Analysis Start Date
#Work Order No.	40196 Dtd. 12.09.2022	Analysis complete Date
#Sample Description	AMBIENT AIR	
#Location	AMBIENT AIR MONITORING STATION NO. - 2 (L ₂)	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III)	
Test Specification	National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009	

Sl. No.	Parameters	Unit	SAMPLING TIME	Test Method
			10:45 AM to 06:45 PM RESULT	
1	Suspended Particulate Matter (SPM)	($\mu\text{g}/\text{m}^3$)	265.41	IS 5182 (Part - 4), 1999 (RA 2019)
2	Respirable Particulate Matter (RPM/PM ₁₀)	($\mu\text{g}/\text{m}^3$)	81.56	IS 5182 (Part - 23) 2006 (RA 2017)
3	Sulphur Dioxide (SO ₂)	($\mu\text{g}/\text{m}^3$)	14.47	IS 5182 (Part - 2) 2001 (RA 2017)
4	Oxides of Nitrogen (NO _x)	($\mu\text{g}/\text{m}^3$)	36.33	IS 5182 (Part - 6) 2006 (RA 2017)
5	Ambient Temperature (Average)	°C	32.0	Hydrometer
Limit: ($\mu\text{g}/\text{m}^3$) Ambient Air Quality standard (National)				
SPM = No Limit, RPM/PM ₁₀ = 100 $\mu\text{g}/\text{m}^3$, SO ₂ = 80 $\mu\text{g}/\text{m}^3$, NO _x = 80 $\mu\text{g}/\text{m}^3$, 24 hours basis (Industrial, Residential, Rural, Ecologically Sensitive Area & Other Area)				
Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009				

Prepared By: N. Mandal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Parbati Golui
(Quality Manager)
Signatory Authority

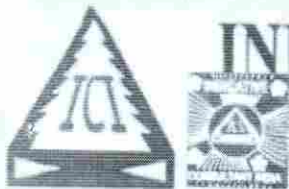
Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
- Information provided by customer
 - Sample is drawn by M/s. Indicative Consultant India
 - Sample submitted and identified by customer as: NA
 - Test results shown in this test report relate only to the sample (s) only
 - The test results referred in test report are based on observations & measurements under the stated environmental conditions
 - The reproduction of the report except in full is invalid without written approval of the laboratory
 - Once issued the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 - Retention period of tested samples (Filter Paper): is 180 days & filter paper no. 1-024 from the date of issue of test report unless otherwise specified
 - Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 08.10.2022	Report No: ICUHL/A/PTC-679/2022	Format No: ICUFM/H/62
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mouza - Changsola Vill - P.O. - Sayedpur P.S. - Sahibganj, Paschim Medinipur, Pin- 721147	Sampling Date
#Customer Representative Name & Contact Number	Mr. Sunil Chanda Mob. No. 8170064044	Analysis Start Date
#Work Order No.	40196 Dtd. 12.09.2022	Analysis complete Date
#Sample Description	AMBIENT AIR	
#Location	AMBIENT AIR MONITORING STATION NO. - 1 (L1)	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III)	
Test Specification	National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009	

Sl. No.	Parameters	Unit	SAMPLING TIME	Test Method
			11:00 AM to 07:00 PM RESULT	
1	Suspended Particulate Matter (SPM)	$\mu\text{g}/\text{m}^3$	275.58	IS 5182 (Part - 4):1999 (RA 2019)
2	Respirable Particulate Matter (RPM/PM ₁₀)	$\mu\text{g}/\text{m}^3$	83.91	IS 5182 (Part - 23):2006 (RA 2017)
3	Sulphur Dioxide (SO ₂)	$\mu\text{g}/\text{m}^3$	15.51	IS 5182 (Part - 2):2001 (RA 2017)
4	Oxides of Nitrogen (NO _x)	$\mu\text{g}/\text{m}^3$	35.43	IS 5182 (Part - 6):2006 (RA 2017)
5	Ambient Temperature (Average)	°C	32.0	Hydrometer
Limit: ($\mu\text{g}/\text{m}^3$) Ambient Air Quality standard (National)				
SPM = No Limit, RPM/PM ₁₀ = 100 $\mu\text{g}/\text{m}^3$, SO ₂ = 80 $\mu\text{g}/\text{m}^3$, NO _x = 80 $\mu\text{g}/\text{m}^3$, 24 hours basis (Industrial, Residential, Rural, Ecologically Sensitive Area & Other Area)				
Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009				

Prepared By: K. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Parbati Golui
(Quality Manager)
Signatory Authority
Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
- * Information provided by customer
 - Sample is drawn by M/s. Indicative Consultant India
 - Sample submitted and identified by customer as: NA
 - Test results shown in this test report relate only to the sample (s) only
 - The test results referred in test report are based on observations & measurements under the stated environmental conditions
 - The reproduction of the report except in full is invalid without written approval of the laboratory
 - Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 - Retention period of tested samples (Filter/Paper) is 180 days & filter paper no. 1-028 from the date of issue of test report unless otherwise specified
 - Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1

CENTRAL LABORATORY : HPL Link Road, Basudevpur, Khanjanchak, Haldia, Purba Medinipur, Pin- 721602
Phone No. : 03224-275765, 9434017584, 9232395890, 7797506973

KOLKATA LABORATORY : B1-1/22/1.2 Santoshpur(II) Block D, Haldia, Medinipur, Pin- 721602



INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 08.10.2022	Report No: ICI/IL/A/PTC-681/2022	Format No: ICI/FM/IL/62
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No : 2022/PA-681
Address	Mouza - Changsola Vill + P.O - Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	Sampling Date : 29.09.2022
#Customer Representative Name & Contact Number	Mr. Sunil Chanda Mob No. 8170064044	Analysis Start Date : 06.10.2022
#Work Order No.	40196 Dtd 12.09.2022	Analysis complete Date : 06.10.2022
#Sample Description	AMBIENT AIR	
#Location	AMBIENT AIR MONITORING STATION NO. - 3 (L ₃)	
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle	
Sampling Method	CPCB, Emission Regulation (Part III)	
Test Specification	National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November '2009	

Sl. No.	Parameters	Unit	SAMPLING TIME	Test Method
			11:30 AM to 07:30 PM RESULT	
1.	Suspended Particulate Matter (SPM)	$\mu\text{g}/\text{m}^3$	270.92	IS 5182 (Part - 4) 1999 (RA 2019)
2.	Respirable Particulate Matter (RPM/PM ₁₀)	$\mu\text{g}/\text{m}^3$	76.10	IS 5182 (Part - 23) 2006 (RA 2017)
3.	Sulphur Dioxide (SO ₂)	$\mu\text{g}/\text{m}^3$	14.47	IS 5182 (Part - 2) 2001 (RA 2017)
4.	Oxides of Nitrogen (NO _x)	$\mu\text{g}/\text{m}^3$	37.24	IS 5182 (Part - 6) 2006 (RA 2017)
5.	Ambient Temperature (Average)	°C	32.0	Hydrometer
Limit: ($\mu\text{g}/\text{m}^3$) Ambient Air Quality standard (National)				
SPM = No Limit, RPM/PM ₁₀ = 100 $\mu\text{g}/\text{m}^3$, SO ₂ = 80 $\mu\text{g}/\text{m}^3$, NO _x = 80 $\mu\text{g}/\text{m}^3$, 24 hours basis (Industrial, Residential, Rural, Ecologically Sensitive Area & Other Area)				
Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November '2009				

Presented By: *[Signature]*

Checked By: *[Signature]*

For: INDICATIVE CONSULTANT INDIA

[Signature]
Parbati Golui
(Quality Manager)
Signatory Authority

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

- Note:
1. * Information provided by customer
 2. Sample is drawn by M/s. Indicative Consultant India
 3. Sample submitted and identified by customer as NA
 4. Test results shown in this test report relate only to the sample (s) only
 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions
 6. The reproduction of the report except in full is invalid without written approval of the laboratory
 7. Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 8. Retention period of tested samples (Filter Paper) is 150 days & filter paper no. F-030 from the date of issue of test report unless otherwise specified
 9. Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com



TEST REPORT

Date: 05.07.2022	Report No: IC/HA/PTC-432/2022	Format No: IC/HA/PTC/62
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mouza - Changsole, Vill - P.G. Sayadpur, P.S - Salboni, PaschimMedinipur, Pin - 721147	2022/PA-432
#Customer Representative Name & Contact Number	Mr. Samir Chanda Mob. No. 8170064044	Sampling Date
#Work Order No.	39640 Dtd. 02.06.2022	29.06.2022
#Sample Description	AMBIENT AIR	Analysis Start Date
#Location	AMBIENT AIR MONITORING STATION NO. - 1 (I-)	04.07.2022
Sample Condition	In Glass Microfibre Filter Paper & Plastic Bottle	Analysis complete Date
Sampling Method	CPCB Emission Regulation (Part II)	04.07.2022
Test Specification	National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009	

Sl. No.	Parameters	Unit	SAMPLING TIME 09:30 AM to 05:30 PM RESULT	Test Method
1	Suspended Particulate Matter (SPM)	($\mu\text{g}/\text{m}^3$)	260.10	IS 5182 (Part - 4) 1999 (RA 2019)
2	Respirable Particulate Matter (RPM/PM ₁₀)	($\mu\text{g}/\text{m}^3$)	80.15	IS 5182 (Part - 2) 2006 (RA 2017)
3	Sulphur Dioxide (SO ₂)	($\mu\text{g}/\text{m}^3$)	14.22	IS 5182 (Part - 2) 2001 (RA 2017)
4	Oxides of Nitrogen (NO _x)	($\mu\text{g}/\text{m}^3$)	34.42	IS 5182 (Part - 6) 2006 (RA 2017)
5	Ambient Temperature (Average)	°C	32.0	Hydrometer
Limit: ($\mu\text{g}/\text{m}^3$) Ambient Air Quality standard (National)				
SPM = No Limit, RPM/PM ₁₀ = 100 $\mu\text{g}/\text{m}^3$, SO ₂ = 80 $\mu\text{g}/\text{m}^3$, NO _x = 80 $\mu\text{g}/\text{m}^3$, 24 hours basis (Industrial, Residential, Rural, Ecologically Sensitive Area & Other Area)				
Ref: National Ambient Air Quality Standards vide Central Pollution Control Board, New Delhi Notification dated 18 th November 2009				

Prepared By: *[Signature]*

Checked By: A. Patra



Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
1. Information provided by customer
 2. Sample is drawn by M/s. Indicative Consultant India
 3. Sample submitted and identified by customer as 'NA'
 4. Test results shown in this test report relate only to the sample(s) only.
 5. The test results reported in test report are based on observations & measurements under the stated environmental conditions.
 6. The reproduction of this report except in full is invalid without written approval of the laboratory.
 7. Once received, the test report certificate is in public domain and laboratory is not responsible for the authenticity of the data reported.
 8. Retention period of tested samples (Filter Paper) is 180 days & after purchase of 180 days from the date of completion of test report.
 9. Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1

Page 1 of 1

Note: 1. Information provided by customer 2. Sample is drawn by M's. Indicate by customer as NA 3. Sample submitted and identified by customer as NA 4. Test results shown in this test report relate only to the sample (s) only 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions 6. The reproduction of the report except in full is invalid without written approval of the laboratory 7. Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopyed test report 8. Retention period of tested samples (thinplates) is 150 days & samples no. 1-203 from the date of issue unless otherwise specified 9. Location of Testing: Haldia Laboratory

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required



For Indicative Consultant India

Checked By: A. Parra

Prepared By: A. Parra

No.	Parameters	Result (Obtained)	Test Method
01	Particulate Matter (mg/Nm ³)	1.2	IS 11255 (Part-1) 1985 (RA 2019)
02	Particulate Matter Normalised to 12% (O ₂) (V/V) - (mg/Nm ³)	<0.2	IS 13270 1992 (RA 2019)
03	CO ₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)
04	CO ₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)

Sl. No.	Parameters	Result (Obtained)	Test Method
01	Particulate Matter (mg/Nm ³)	1.2	IS 11255 (Part-1) 1985 (RA 2019)
02	Particulate Matter Normalised to 12% (O ₂) (V/V) - (mg/Nm ³)	<0.2	IS 13270 1992 (RA 2019)
03	CO ₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)
04	CO ₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)

Sl. No.	Parameters	Result (Obtained)	Test Method
01	Particulate Matter (mg/Nm ³)	1.2	IS 11255 (Part-1) 1985 (RA 2019)
02	Particulate Matter Normalised to 12% (O ₂) (V/V) - (mg/Nm ³)	<0.2	IS 13270 1992 (RA 2019)
03	CO ₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)
04	CO ₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)

Sl. No.	Parameters	Result (Obtained)	Test Method
01	Particulate Matter (mg/Nm ³)	1.2	IS 11255 (Part-1) 1985 (RA 2019)
02	Particulate Matter Normalised to 12% (O ₂) (V/V) - (mg/Nm ³)	<0.2	IS 13270 1992 (RA 2019)
03	CO ₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)
04	CO ₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)

TEST REPORT

Report No: ICE/MT/HS/8

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

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Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

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Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

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Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

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Analysis Start Date: 04/07/2022

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Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

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Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

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Analysis Complete Date: 04/07/2022

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Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis Complete Date: 04/07/2022

Sample ID No: 2022/PA-431

Sampling Date: 29/06/2022

Sampling Time: 12:20 PM

Analysis Start Date: 04/07/2022

Analysis



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL : indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 08.10.2022	Report No: ICI/HL/A/PTC-678/2022	Format No: ICI/FM/H/58
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mouza - Changsole, Vill - P.O. - Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	2022/PA-678
#Customer Representative Name & Contact Number	Mr. Sumit Chanda Mob. No. 8170064044	Sampling Date
#Work Order No.	40196 Dtd. 12.09.2022	29.09.2022
#Sample Description	STACK AIR	Sampling Time
#Location	D.G. SET (600 KVA)	11.45 AM
Sample Condition	In Glass Microfiber Thimble & Plastic Bottle	Analysis Start Date
Sampling Method	CPCB, Emission Regulation (Part III)	06.10.2022
		Analysis complete Date
		07.10.2022

A.] GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant		Shape of Stack	Circular
Stack attached to	D.G. SET (600 KVA)	Material of Construction	M.S.
Emission due to	Combustion of H.S.D.	Stack ID at sampling point (M)	0.2
Fuel Used	H.S.D.	At Bottom (M)	-
Rated Fuel Consumption	-	At Top (M)	-
Working Fuel Consumption	100 Lit/Hr.	Height Details :	
Calorific Value(Kcal/kg)	-	a) Total Ht. Of stack from GL(M)	8.0
Sulphur Content (% by Wt)	-	b) Total Ht. Of stack from RL(M)	-
Ash Content (% by Wt)	-	c) Ht. of sampling port from GL(M)	7.8
Pollution Control Device	Nil	d) Ht. of port from disturbance zone (M)	-
Whether Stack is provided with permanent Platform / Ladder	Yes		

B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	138	Steam Generation Capacity :	
Barometric Pressure (mm Hg)	752	a) Rated	-
Velocity of Gas flow (m/s)	13.35	b) Running	-
Quantity of Gas flow (Nm³/hr)	1068.97	Load	
Pressure	-	a) Rated	600 KVA
		b) Running	-

C.] RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01.	Particulate Matter (mg/Nm³)	50.0	IS 11255 (Part -1), 1985 (RA 2019)
02.	Particulate Matter Normalised to 12% CO₂ (V/V) - (mg/Nm³)	-	IS 11255 (Part -2), 1985 (RA 2019)
03.	Sulphur di-oxide (mg/Nm³)	156.31	IS 11255 (Part -7), 2005 (RA 2017)
04.	NOx (mg/m³)	203.45	IS 13270:1992 (RA 2019)
05.	Carbon mono oxide (as CO) - % (V/V)	<0.2	IS 13270:1992 (RA 2019)
06.	Carbon di oxide (as CO₂) - % (V/V)	5.6	IS 13270:1992 (RA 2019)

Prepared By: N. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Parbati Golui
(Quality Manager)
Signatory Authority

Parbati Golui
Quality Manager

INDICATIVE CONSULTANT INDIA

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
1. Information provided by customer.
 2. Sample is drawn by M/s. Indicative Consultant India.
 3. Sample submitted and identified by customer as: NA
 4. Test results shown in this test report relate only to the sample (s) only.
 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions.
 6. The reproduction of the report except in full is invalid without written approval of the laboratory.
 7. Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report.
 8. Retention period of tested samples (Thimbles) is 180 days & thimbles no. T-341 from the date of issue unless otherwise specified.
 9. Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 05.09.2022	Report No: ICI/HLA/PTC-558/2022	Format No: ICI/FM/H/58
Customer Name	M/S. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mouza: - Changsole, Vill - P.O. - Sayedpur, P.S. - Salboni, PaschimMedinipur, Pin - 721147	2022/PA-558
#Customer Representative Name & Contact Number	Mr. Sunil Chanda Mob No. 8170064044	Sampling Date
#Sample Description	STACK AIR	03.09.2022
#Location	FLY ASH SLURRY PREPARATION TANK	Sampling Time
Sample Condition	In Glass Microfiber Thimble	12:30 PM
Sampling Method	CPCB, Emission Regulation (Part III)	Analysis Start Date
		05.09.2022
		Analysis complete Date
		05.09.2022

A. GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant	Stack attached to	FLY ASH SLURRY PREPARATION TANK	Shape of Stack	Circular
Emission due to	Process Activity		Material of Construction	M.S.
Fuel Used			Stack ID at sampling point (M)	0.30
Rated Fuel Consumption			At Bottom (M)	
Working Fuel Consumption			At Top (M)	0.30
Calorific Value (Kcal/kg)			Height Details:	
Sulphur Content (% by Wt)			a) Total Ht. Of stack from G.L (M)	15.0
Ash Content (% by Wt)			b) Total Ht. Of stack from R.L (M)	
Pollution Control Device	Bag Filter		c) Ht. of sampling port from G.L (M)	4.80
Whether Stack is provided with permanent Platform / Ladder	Yes		d) Ht. of port from disturbance zone (M)	2.20

B. PHYSICAL DATA:

Flue Gas Temperature (°C)	34	Steam Generation Capacity:	
Barometric Pressure (mm Hg)	754	a) Rated	
Velocity of Gas flow (m/s)	8.60	b) Running	
Quantity of Gas flow (Nm³/hr)	2108.34	Load	
Pressure		a) Rated	
		b) Running	

C. RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01	Particulate Matter (mg/Nm³)	1.2	IS 11255 (Part-1) 1985 (RA 2019)
02	Particulate Matter Normalised to 12% CO₂ (V/V) - (mg/Nm³)	-	
03	Carbon mono oxide (as CO) - % (V/V)	<0.2	IS 13270 1992 (RA 2019)
04	Carbon di oxide (as CO₂) - % (V/V)	<0.2	IS 13270 1992 (RA 2019)

Prepared By: *[Signature]*

Checked By: *[Signature]*

For, INDICATIVE CONSULTANT INDIA

Debasish Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note
- * Information provided by customer
 - Sample is drawn by M/s. Indicative Consultant India
 - Sample submitted and identified by customer as N/A
 - Test results shown in this test report relate only to the sample (s) only.
 - The test results referred in test report are based on observations & measurements under the stated environmental conditions
 - The reproduction of the report except in full is invalid without written approval of the laboratory
 - Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 - Retention period of tested samples (Thimbles) is 180 days & thimbles no. 7-317 from the date of issue unless otherwise specified.
 - Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1



TEST REPORT

Date: 05.09.2022		Report No: ICI/HL/A/PTC-587/2022		Format No: IC I/F/HA/H/58	
Customer Name		M/s. VISAKA INDUSTRIES LTD.		Sample ID No	
Address		Mouza - Changsok, Vill + P.O - Sanyapur P.S - Sathou, Paschim Medinipur, Pin - 721147		Sampling Date	
Customer Representative		Mr Sumit Chandra Mob No 8170064044		Sampling Time	
Name & Contact Number				Analysis Start Date	
Sample Description		STACK AIR		Analysis complete Date	
Location					
Sample Condition		E.R. MILL & AUTOMOTIVE BAG OPENING DEVICE			
Sampling Method		In Glass Microfiber Thimble			
A] GENERAL INFORMATION ABOUT STACK:		CPCB Emission Regulation (Part III)			
Particulars of the Plant					

Shape of Stack	Circular	Material of Construction	MS
Stack (I) at sampling point (M)	At Bottom (M)	At Top (M)	0.40
Height Details:			
a) Total Ht. (Of stack from G.L.M)	18.0		
b) Total Ht. (Of stack from R.L.M)	9.8		
c) Ht. of sampling port from G.L.M)	3.3		
d) Ht. of port from disturbance zone (M)			
Load	a) Rated b) Running	a) Rated b) Running	1.5 TPH
Steam Generation Capacity:			
	3675.72	8.65	
	754		
	35		

Sl. No.	Parameters	Result Obtained	Test Method
01	Particulate Matter (mg/Nm³)	1.6	IS 11255 (Part - I) 1985 (RA 2019)
02	Particulate Matter Normalised to 12% CO₂ (V/V) - (mg/Nm³)		IS 13270:1992 (RA 2019)
03	Carbon monoxide (as CO) - % (V/V)	<0.2	IS 13270:1992 (RA 2019)
04	Carbon dioxide (as CO₂) - % (V/V)	<0.2	IS 13270:1992 (RA 2019)



For: INDICATIVE CONSULTANT INDIA

Checked By: A. Kumar

Prepared By: A. Kumar

Test Witnessed By: Nil (Sampling was done in front of customer representatives)

Estimated Uncertainty: Not Required

Note:

1. Information provided by customer
2. Sample is drawn by M/s. Indicative Consultant India
3. Sample submitted and identified by customer as: NA
4. Test results shown in this report relate only to the sample (s) only
5. The test results referred in test report are based on observations & measurements under the stated environmental conditions
6. The reproduction of the report except in full is invalid without written approval of the laboratory.
7. (Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report)
8. Retention period of tested samples (Thimbles) is 180 days & thimbles no. T-313 from the date of issue unless otherwise specified.
9. Location of Testing: Haldia Laboratory.

-End of Report-

Page 1 of 1



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 05.09.2022	Report No: ICI/HL/A/PTC-556/2022	Format No: ICI/FM/H/58	
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No	2022/PA-556
Address	Mouza - Changsofe, Vill - P.O - Sayedpur, P.S. - Salbom, PaschimMedinipur, Pin - 721147	Sampling Date	03.09.2022
#Customer Representative Name & Contact Number	Mr. Sunil Chanda Mob. No. 8170664044	Sampling Time	10:00 AM
		Analysis Start Date	05.09.2022
		Analysis complete Date	05.09.2022
#Sample Description	STACK AIR		
#Location	CEMENT MIXTURE TANK		
Sample Condition	In Glass Microfiber Thimble		
Sampling Method	CPCB, Emission Regulation (Part III)		

A. GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant	CEMENT MIXTURE TANK	Shape of Stack	Circular
Stack attached to	Process Activity	Material of Construction	M.S
Emission due to		Stack ID at sampling point (M)	0.30
Fuel Used		At Bottom (M)	-
Rated Fuel Consumption		At Top (M)	0.30
Working Fuel Consumption		Height Details :	
Calorific Value(Kcal/kg)		a) Total Ht. Of stack from GL(M)	15.0
Sulphur Content (% by Wt)		b) Total Ht. Of stack from RL(M)	-
Ash Content (% by Wt)		c) Ht. of sampling port from GL(M)	4.20
Pollution Control Device	Bag Filter	d) Ht. of port from disturbance zone (M)	2.70
Whether Stack is provided with permanent Platform / Ladder	Yes		

B. PHYSICAL DATA:

Flue Gas Temperature (°C)	36	Steam Generation Capacity :	
Barometric Pressure (mm Hg)	754	a) Rated	-
Velocity of Gas Flow (m/s)	9.32	b) Running	-
Quantity of Gas Flow (Nm ³ /hr)	2270.28	a) Rated	-
Pressure	-	b) Running	100 TPD

C. RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01	Particulate Matter (mg/Nm ³)	1.4	IS 11255 (Part-1): 1985 (RA 2019)
02	Particulate Matter Normalised to 12% CO ₂ (V/V) - (mg/Nm ³)	-	
03	Carbon mono oxide (as CO) - % (V/V)	<0.2	IS 13270:1992 (RA 2019)
04	Carbon di oxide (as CO ₂) - % (V/V)	<0.2	IS 13270:1992 (RA 2019)

Prepared By: *[Signature]*

Checked By: *[Signature]*

For, INDICATIVE CONSULTANT INDIA

[Signature]
(Sr. Chemist)
Signatory Authority



Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note
1. Information provided by customer
 2. Sample is drawn by M/s. Indicative Consultant India
 3. Sample submitted and identified by customer as NA
 4. Test results shown in this test report relate only to the sample (s) only
 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions.
 6. The reproduction of the report except in full is invalid without written approval of the laboratory.
 7. Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report.
 8. Retention period of tested samples (Thimbles) is 180 days & thimbles no T-316 from the date of issue unless otherwise specified.
 9. Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1



TEST REPORT

Date: 05.07.2022	Report No: IC/TH/A/PT-430/2022	Format No: IC/TH/58
Customer Name	M/S. VISAKHA INDUSTRIES LTD.	Sample ID No
Address	Mouza - Chhargole Vill - P.O. Sayedpur P.S. - Sahibpur, Paschim Medinipur, Pin - 721147	Sampling Date
Customer Representative	Mr. Sandu Chandra	Sampling Time
Name & Contact Number	Mobile No. 8170064044	Analysis Start Date
Work Order No.	39640 IND 02.06.2022	Analysis complete Date
Sample Description	STACK AIR	
Location	CEMENT MILL RE TANK	
Sample Condition	In class Microfiber Filter	
Sampling Method	IC/TH/A/PT-430/2022	
A) GENERAL INFORMATION ABOUT STACK:		

Particulars of the Plant	CEMENT MILL RE TANK	Process Activity
Stack attached to	Stack (I) at sampling point (M)	Material of Construction
Emission due to	At Top (M)	At Bottom (M)
Rated Fuel Consumption	At Top (M)	At Bottom (M)
Working Fuel Consumption	At Top (M)	At Bottom (M)
(at rated values/cab/kg)	At Top (M)	At Bottom (M)
Support Content (%) by Wet	At Top (M)	At Bottom (M)
Ash Content (%) by Wet	At Top (M)	At Bottom (M)
Effluent Control Device	At Top (M)	At Bottom (M)
Whether Stack is provided with permanent Platform / Ladder	Yes	
B. PHYSICAL DATA:		

Flue Gas Temperature (°C)	36	Stream Generation Capacity
Harmonic Pressure (mm Hg)	755	Load
Velocity of Gas Flow (m/s)	8.49	a) Rated
Quantity of Gas Flow (Nm³/hr)	2071.74	b) Running
Pressure		c) Rated
C. RESULT OF SAMPLING:		

No	Parameters	Result Obtained	Test Method
01	Particulate Matter (mg/Nm³)	1.9	IS 11255 (Part II) 1985 (RA 2019)
02	Particulate Matter Normalised to 12% CO₂ (V/V) - (mg/Nm³)	<0.2	IS 13270 (RA 2019)
03	CO % (V/V)	<0.2	IS 13270 (RA 2019)
04	CO₂ % (V/V)	<0.2	IS 13270 (RA 2019)

Checked By: A. Parashar
For: INDICATIVE CONSULTANT INDIA
Signature: [Signature]
Authority: [Signature]



Test Witnessed By: Not Required
Estimated Uncertainty: Not Required

1 = Information provided by customer
2 = Sample is drawn by IC/TH/58, Indicative Consultant India
3 = Sample submitted and identified by customer as: NA
4 = Test results referred in this report are based on observations & measurements under the stated environmental conditions
5 = The reproduction of the report except in full is invalid without written approval of the laboratory
6 = This report is valid for the purpose of the test only
7 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
8 = The reproduction of the report except in full is invalid without written approval of the laboratory
9 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
10 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
11 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
12 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
13 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
14 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
15 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
16 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
17 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
18 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
19 = The test results referred in this report are based on observations & measurements under the stated environmental conditions
20 = The test results referred in this report are based on observations & measurements under the stated environmental conditions

End of Report



INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 05.07.2022	Report No: IC/TH/A/PTC-429/2022	Format No: IC/EM/TE/58
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No: 2022/PA-429
Address	Mouza - Changsole, Vill - P.O - Navedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	Sampling Date: 29.06.2022
#Customer Representative Name & Contact Number	Mr. Sunil Chanda Mob. No. 8170064044	Sampling Time: 10:20 AM
#Work Order No.	39640 Dtd. 02.06.2022	Analysis Start Date: 04.07.2022
#Sample Description	STACK AIR	Analysis complete Date: 04.07.2022
#Location	FLY ASH SLURRY PREPARATION TANK	
Sample Condition	In Glass Microfiber Thimble	
Sampling Method	CPCB Emission Regulation (Part III)	

A. GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant	Stack attached to	Shape of Stack	Circular
	FLY ASH SLURRY PREPARATION TANK	Material of Construction	M.S.
Emission due to	Process Activity	Stack ID at sampling point (M)	0.30
Fuel Used	-	At Bottom (M)	-
Rated Fuel Consumption	-	At Top (M)	0.30
Working Fuel Consumption	-	Height Details:	
Calorific Value (Kcal/kg)	-	a) Total Ht. Of stack from G.L (M)	15.0
Sulphur Content (% by Wt)	-	b) Total Ht. Of stack from R.L (M)	-
Ash Content (% by Wt)	-	c) Ht. of sampling port from G.L (M)	4.8
		d) Ht. of port from disturbance zone (M)	2.2
Pollution Control Device	Bag Filter		
Whether Stack is provided with permanent Platform / Ladder	Yes		

B. PHYSICAL DATA:

Flue Gas Temperature (°C)	35	Steam Generation Capacity:	
Barometric Pressure (mm Hg)	755	a) Rated	-
Velocity of Gas flow (m/s)	8.85	b) Running	-
Quantity of Gas flow (Nm³/hr)	2167.03	a) Rated	-
Pressure	-	b) Running	70 TPI

C. RESULT OF SAMPLING:

Sl. No.	Parameters	Result Obtained	Test Method
01	Particulate Matter (mg/Nm³)	1.8	IS 11255 (Part-I) 1985 (RA 2019)
02	Particulate Matter Normalised to 12% CO₂ (V/V) - (mg/Nm³)	-	-
03	CO % (V/V)	<0.2	IS 13270 1992 (RA 2019)
04	CO₂ % (V/V)	<0.2	IS 13270 1992 (RA 2019)

Prepared By: *Amranda*

Checked By: *A. Patra*

For INDICATIVE CONSULTANT INDIA



Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note
1. Information provided by customer
 2. Sample is drawn by M/s. Indicative Consultant India
 3. Sample submitted and identified by customer as: NA
 4. Test results shown in this test report relate only to the sample (s) only
 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions
 6. The reproduction of the report except in full is invalid without written approval of the laboratory
 7. Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 8. Retention period of tested samples (Thimbles) is 180 days & thimbles no. T-261 from the date of issue unless otherwise specified
 9. Location of Testing: Haldia Laboratory

End of Report

Page 1 of 1

**VISAKA INDUSTRIES LIMITED®**

CIR: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in**AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS****APRIL - 2022**Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.

Flow Rate : 1.0 LPM.

Specifications : As Per A I A - R T M 1 Sampling

Duration : 60 Minutes.

(IS: 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)**As PER MoEFCC & PCB = < 0.1 fibre/cc of air.**

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
PERSONEL SAMPLING					
1	14-04-2022	227-2022-4-3-1	E.R Mill - BOD Area	The worker carrying the sampler was feeding fibre bags through the slant conveyor. Fibre dust collector in operation. He was using PPE's.	< 0.1 0.041
2	14-04-2022	228-2022-4-3-11	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.037
3	14-04-2022	229-2022-4-4-6	Fibre Bags Carrying Forklift Operator	The worker carrying the sampler was engaged in Fibre Bags Carrying fibre godown area during the sampling. He was using PPE's.	< 0.1 0.020
4	15-04-2022	230-2022-4-3-2	Salvaging Worker	The worker carrying the sampler was working in salvaging of rejected AC sheets were getting reclaimed. Wet process. He was using PPE's.	< 0.1 0.049
5	15-04-2022	231-2022-4-3-25	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles at moulding section. He was using PPE's.	< 0.1 0.065
6	15-04-2022	232-2022-4-3-4	Waste Recycling Worker	The worker carrying the sampler was engaged in operation of Waste sheets recycling work at wet ball mill section. He was using PPE's.	< 0.1 0.025

05-MAY-2022
PARAMATHI - T.N**T. MURUGANANDHAM - SR. OFFICER (EHS)**
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED®**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)
FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in

AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS
APRIL - 2022

Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.

Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.

Flow Rate : 1.0 LPM.

Specifications : As Per A I A - R T M 1 Sampling

Duration : 60 Minutes.

(IS : 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)
As PER MoEFCC & PCB = < 0.1 fibre/cc of air.

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>STATIC SAMPLING</u>					
1	16-04-2022	233-2022-4-4-48	LDO Tank Area	The static sample is collected nearby LDO storage tank. The plant was in production of Fibre cement sheets.	< 0.1 0.008
2	16-04-2022	234-2022-4-4-8	Fibre Godown	The static sample is collected and two grades of palletized fibre bags are stored in fibre godown. Torn bags are taped. Wet mopping system done.	< 0.1 0.049

05-MAY-2022
PARAMATHI - T.N

T. MURUGANANDHAM - SR. OFFICER (EHS)
ASBESTOS FIBRE COUNTING ANALYST



VISAKA INDUSTRIES LIMITED®



CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in

AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS

MAY - 2022

Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.

Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.

Flow Rate : 1.0 LPM.

Specifications : As Per A I A - R T M 1 Sampling

Duration : 60 Minutes.

(IS : 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)

As PER MoEFCC & PCB = < 0.1 fibre/cc of air.

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
PERSONEL SAMPLING					
1	11-05-2022	258-2022-5-3-1	E.R Mill - BOD Area	The worker carrying the sampler was feeding fibre bags through the slant conveyor. Fibre dust collector in operation. He was using PPE's.	< 0.1 0.033
2	11-05-2022	259-2022-5-3-11	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.025
3	11-05-2022	260-2022-5-3-6	Fibre Bags Carrying Forklift Operator	The worker carrying the sampler was engaged in Fibre Bags Carrying fibre godown area during the sampling. He was using PPE's.	< 0.1 0.012
4	12-05-2022	261-2022-5-3-2	Salvaging Worker	The worker carrying the sampler was working in salvaging of rejected AC sheets were getting reclaimed. Wet process. He was using PPE's.	< 0.1 0.041
5	12-05-2022	262-2022-5-3-25	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles at moulding section. He was using PPE's.	< 0.1 0.049
6	12-05-2022	263-2022-5-3-4	Waste Recycling Worker	The worker carrying the sampler was engaged in operation of Waste sheets recycling work at wet ball mill section. He was using PPE's.	< 0.1 0.065

(Signature)

26-MAY-2022
PARAMATHI - T.N

T. MURUGANANDHAM - SR. OFFICER (EHS)
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED®**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in**AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS****MAY - 2022**Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.

Flow Rate : 1.0 LPM.

Specifications : As Per A I A - R T M 1 Sampling

Duration : 60 Minutes.

(IS : 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)**As PER MoEFCC & PCB = < 0.1 fibre/cc of air.**

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>STATIC SAMPLING</u>					
1	13-05-2022	264-2022-5-3-46	LDO Tank Area	The static sample is collected nearby LDO storage tank. The plant was in production of Fibre cement sheets.	< 0.1 0.025
2	13-05-2022	265-2022-5-3-8	Fibre Godown	The static sample is collected and two grades of palletized fibre bags are stored in fibre godown. Torn bags are taped. Wet mopping system done.	< 0.1 0.041

26-MAY-2022
PARAMATHI - T.N**T. MURUGANANDHAM - SR. OFFICER (EHS)**
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED[®]**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in**AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS****JUNE - 2022**Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.Flow Rate : 1.0 LPM.
Sampling Duration : 60 Minutes.Specifications : As Per A I A - R T M 1
(IS : 11450) Method.**PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)****As PER MoEFCC & PCB = < 0.1 fibre/cc of air.**

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>PERSONEL SAMPLING</u>					
1	17-06-2022	368-2022-6-3-1	E.R Mill - BOD Area	The worker carrying the sampler was feeding fibre bags through the slant conveyor. Fibre dust collector in operation. He was using PPE's.	< 0.1 0.049
2	17-06-2022	369-2022-6-3-7	DC Maintenance Operation	The worker carrying the sampler was engaged in Dust Collector Maintenance Operation during the sampling. He was using PPE's.	< 0.1 0.073
3	17-06-2022	370-2022-6-3-4	Waste Recycling Worker	The worker carrying the sampler was engaged in operation of Waste sheets recycling work at wet ball mill section. He was using PPE's.	< 0.1 0.057
4	17-06-2022	371-2022-6-3-2	Salvaging Worker	The worker carrying the sampler was working in salvaging of rejected AC sheets were getting reclaimed. Wet process. He was using PPE's.	< 0.1 0.025
5	18-06-2022	372-2022-6-3-25	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles at moulding section. He was using PPE's.	< 0.1 0.041

11-JULY-2022
PARAMATHI - T.N**T. MURUGANANDHAM - SR. OFFICER (EHS)**
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED®**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in**AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS****JUNE - 2022**Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.

Flow Rate : 1.0 LPM.

Specifications : As Per A I A - R T M 1 Sampling

Duration : 60 Minutes.

(IS : 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)**As PER MoEFCC & PCB = < 0.1 fibre/cc of air.**

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>STATIC SAMPLING</u>					
1	18-06-2022	373-2022-6-3-46	LDO Tank Area	The static sample is collected nearby LDO storage tank. The plant was in production of Fibre cement sheets.	< 0.1 0.016
2	18-06-2022	374-2022-6-3-8	Fibre Godown	The static sample is collected and two grades of palletized fibre bags are stored in fibre godown. Torn bags are taped. Wet mopping system done.	< 0.1 0.033
3	18-06-2022	375-2022-6-3-16	Main Gate	The static sample is collected from near Main gate. The plant was in production of Fibre cement sheets.	< 0.1 0.004

11-JULY-2022
PARAMATHI - T.N
T. MURUGANANDHAM - SR. OFFICER (EHS)
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED®**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)
 FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
 TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in

AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS
JULY - 2022

Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
 Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.

Analyzer Under : Carl Zeiss Make, Axioskop 40,
 Phase Contrast Microscope.

Flow Rate : 1.0 LPM.
 Sampling Duration : 60 Minutes.

Specifications : As Per AIA - R T M 1
 (IS : 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)
As PER MoEFCC & PCB = < 0.1 fibre/cc of air.

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>PERSONEL SAMPLING</u>					
1	15-07-2022	409-2022-7-3-1	E.R Mill - BOD Area	The worker carrying the sampler was feeding fibre bags through the slant conveyor. Fibre dust collector in operation. He was using PPE's.	< 0.1 0.057
2	15-07-2022	410-2022-7-3-3	Filing Worker	The worker carrying the sampler was working in filing of rejected AC sheets were getting reclaimed. He was using PPE's.	< 0.1 0.033
3	15-07-2022	411-2022-7-3-4	Waste Recycling Worker	The worker carrying the sampler was engaged in operation of Waste sheets recycling work at wet ball mill section. He was using PPE's.	< 0.1 0.049
4	15-07-2022	412-2022-7-3-2	Salvaging Worker	The worker carrying the sampler was working in salvaging of rejected AC sheets were getting reclaimed. Wet process. He was using PPE's.	< 0.1 0.020
5	16-07-2022	413-2022-7-3-5	Fibre Testing Personnel	The Fibre testing personnel carrying the sampler was engaged in lab activities during the period of fibre sampling. He was using PPE's.	< 0.1 0.016
6	16-07-2022	414-2022-7-3-11	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.012

02-AUGUST-2022
 PARAMATHI - T.N

T. MURUGANANDHAM - SR. OFFICER (EHS)
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED®**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in**AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS****JULY - 2022**Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.

Flow Rate : 1.0 LPM.

Specifications : As Per A I A - R T M 1 Sampling

Duration : 60 Minutes.

(IS : 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)**As PER MoEFCC & PCB = < 0.1 fibre/cc of air.**

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>STATIC SAMPLING</u>					
1	16-07-2022	415-2022-7-3-8	Fibre Godown	The static sample is collected and two grades of palletized fibre bags are stored in fibre godown. Torn bags are taped. Wet mopping system done.	< 0.1 0.025
2	16-07-2022	416-2022-7-3-9	Process Waste Storage	The static sample is collected from Process Waste Storage area. The plant was in production of Fibre cement sheets.	< 0.1 0.033

02-AUGUST-2022
PARAMATHI - T.N**T. MURUGANANDHAM - SR. OFFICER (EHS)**
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED®**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in**AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS**
AUGUST - 2022Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.Flow Rate : 1.0 LPM.
Sampling Duration : 60 Minutes.Specifications : As Per A I A - R T M 1
(IS : 11450) Method.**PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)**
As PER MoEFCC & PCB = < 0.1 fibre/cc of air.

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
PERSONEL SAMPLING					
1	09-08-2022	470-2022-8-3-1	E.R Mill - BOD Area	The worker carrying the sampler was feeding fibre bags through the slant conveyor. Fibre dust collector in operation. He was using PPE's.	< 0.1 0.041
2	09-08-2022	471-2022-8-3-3	Filing Worker	The worker carrying the sampler was working in filing of rejected AC sheets were getting reclaimed. He was using PPE's.	< 0.1 0.049
3	09-08-2022	472-2022-8-3-4	Waste Recycling Worker	The worker carrying the sampler was engaged in operation of Waste sheets recycling work at wet ball mill section. He was using PPE's.	< 0.1 0.045
4	09-08-2022	473-2022-8-3-2	Salvaging Worker	The worker carrying the sampler was working in salvaging of rejected AC sheets were getting reclaimed. Wet process. He was using PPE's.	< 0.1 0.033
5	10-08-2022	474-2022-8-3-6	Fibre Bags Carrying Forklift Operator	The worker carrying the sampler was engaged in Fibre Bags Carrying fibre godown area during the sampling. He was using PPE's.	< 0.1 0.016

05-SEPTEMBER-2022
PARAMATHI - T.N**T. MURUGANANDHAM - SR. OFFICER (EHS)**
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED[®]**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in**AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS****AUGUST - 2022**Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.

Flow Rate : 1.0 LPM.

Specifications : As Per A I A - R T M 1 Sampling

Duration : 60 Minutes.

(IS : 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)**As PER MoEFCC & PCB = < 0.1 fibre/cc of air.**

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>STATIC SAMPLING</u>					
1	10-08-2022	475-2022-8-3-40	Destacker Area	The static sample is collected from Stock yard section. The plant was in production of Fibre cement sheets.	< 0.1 0.008
2	10-08-2022	476-2022-8-3-8	Fibre Godown	The static sample is collected and two grades of palletized fibre bags are stored in fibre godown. Torn bags are taped. Wet mopping system done.	< 0.1 0.029
3	10-08-2022	477-2022-8-3-10	Main Machine	The static sample is collected from Main Machine area. The plant was in production of Fibre cement sheets.	< 0.1 0.016

05-SEPTEMBER-2022
PARAMATHI - T.N**T. MURUGANANDHAM - SR. OFFICER (EHS)**
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED®**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)

FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in**AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS**
SEPTEMBER - 2022Name of the Company : **M/s. VISAKA INDUSTRIES LIMITED,**
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.Flow Rate : 1.0 LPM.
Sampling Duration : 60 Minutes.Specifications : As Per A I A - R T M 1
(IS : 11450) Method.**PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)**
As PER MoEFCC & PCB = < 0.1 fibre/cc of air.

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>PERSONEL SAMPLING</u>					
1	18-09-2022	536-2022-9-3-1	E.R Mill - BOD Area	The worker carrying the sampler was feeding fibre bags through the slant conveyor. Fibre dust collector in operation. He was using PPE's.	< 0.1 0.033
2	18-09-2022	537-2022-9-3-3	Salvaging Worker	The worker carrying the sampler was working in salvaging of rejected AC sheets were getting reclaimed. Wet process. He was using PPE's.	< 0.1 0.025
3	17-09-2022	538-2022-9-3-4	Waste Recycling Worker	The worker carrying the sampler was engaged in operation of Waste sheets recycling work at wet ball mill section. He was using PPE's.	< 0.1 0.037
4	17-09-2022	539-2022-9-3-25	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles at moulding section. He was using PPE's.	< 0.1 0.041
5	18-09-2022	540-2022-9-3-7	DC Maintenance Operation	The worker carrying the sampler was engaged in Dust Collector Maintenance Operation during the sampling. He was using PPE's.	< 0.1 0.057

05-OCTOBER-2022
PARAMATHI - T.N**T. MURUGANANDHAM - SR. OFFICER (EHS)**
ASBESTOS FIBRE COUNTING ANALYST

**VISAKA INDUSTRIES LIMITED[®]**

CIN: L52520TG1981PLC003072

(AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 CERTIFIED UNIT)
FACTORY: (ACD-II) MANICKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT,
TAMIL NADU-637 207, TEL: 99424 65086, www.visaka.in, e-mail: environment.paramathi@visaka.in

AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS
SEPTEMBER - 2022

Name of the Company : M/s. VISAKA INDUSTRIES LIMITED,
Saiyedpore-Post, P.S-Salboni,
West Midnapore, West Bengal-721147.

Analyzer Under : Carl Zeiss Make, Axioskop 40,
Phase Contrast Microscope.

Flow Rate : 1.0 LPM.

Specifications : As Per A I A - R T M 1 Sampling

Duration : 60 Minutes.

(IS : 11450) Method.

PERMISSIBLE EXPOSURE LIMIT VALUE (PELV)
As PER MoEFCC & PCB = < 0.1 fibre/cc of air.

Sl. No	Date of Sampling	Sampling Code	Sampling Location	Sampling Condition	Dust Con. Fibre/cc of air
<u>STATIC SAMPLING</u>					
1	18-09-2022	541-2022-9-3-39	Flyash Godown	The static sample is collected from Flyash section. The plant was in production of Fibre cement sheets.	< 0.1 0.004
2	17-09-2022	542-2022-9-3-8	Fibre Godown	The static sample is collected and two grades of palletized fibre bags are stored in fibre godown. Torn bags are taped. Wet mopping system done.	< 0.1 0.020

05-OCTOBER-2022
PARAMATHI - T.N

T. MURUGANANDHAM - SR. OFFICER (EHS)
ASBESTOS FIBRE COUNTING ANALYST



Lifeline

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P.O.- MIDNAPORE

DIST : PASCHIM MEDINIPUR

MEDICAL EXAMINATION REPORT

I have clinically examined all the employees of the **VISAKA INDUSTRIES LIMITED**, AC Division – IV, Village – Changsole, Post Office – Saiyedpur, Police Station – Salboni, District - Paschim Medinipur, State – West Bengal, Pin Code – 721147.

I have gone through their necessary **Blood Examination Reports, X- Ray (Chest) Reports, Sputum Reports, RBS & PFT Reports.**

No Asbestos related disease are found in them.

Date:-

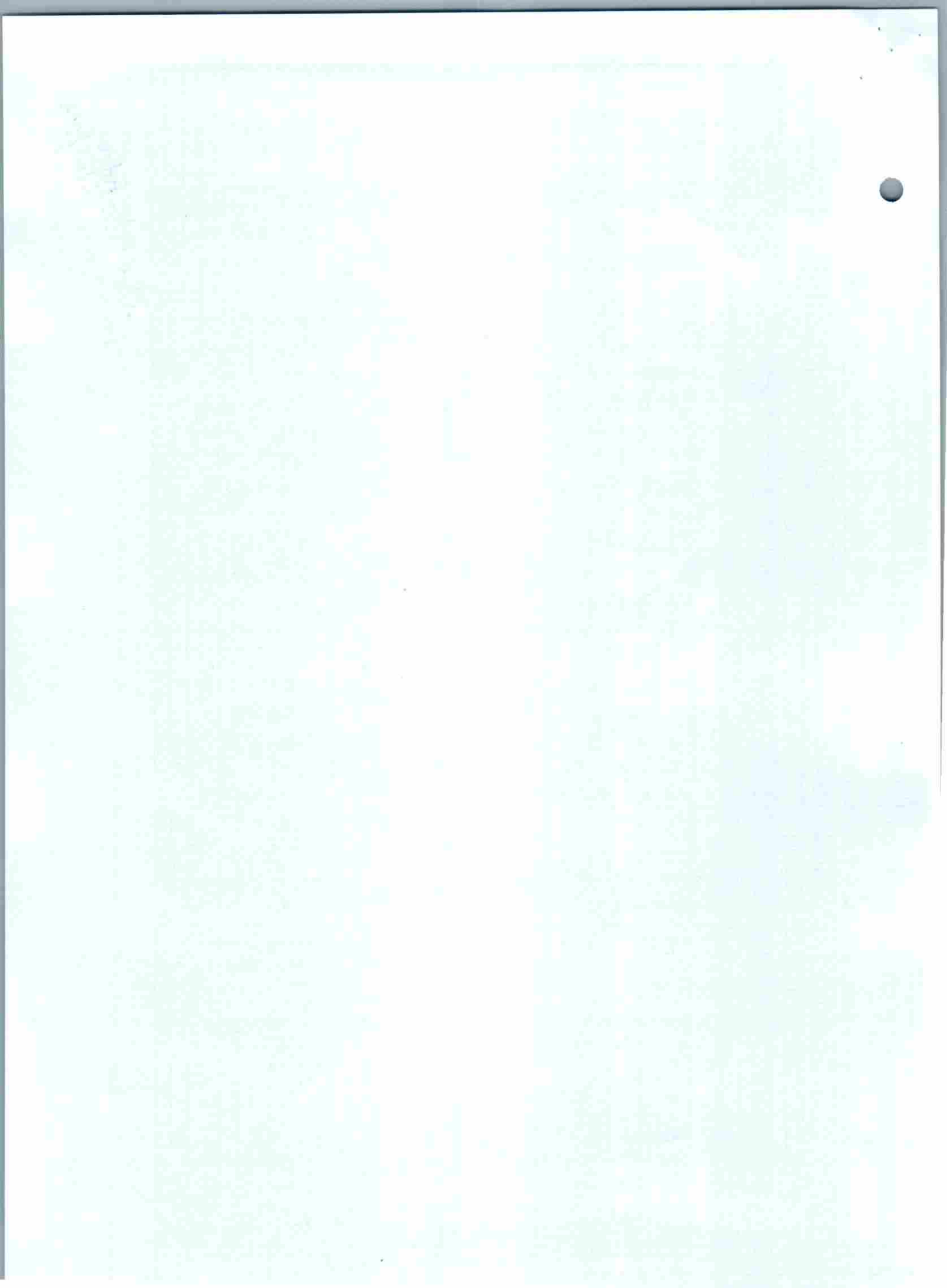
Dr. D.K. Bhakta
16/01/23
DR. D.K. BHAKTA
MBBS (CAL)
Medical Officer
1997

VISAKA INDUSTRIES LIMITED, MIDNAPORE DIVISION

(MEDICAL CHECK UP LIST FOR STAFF - 2022-2023)

S.NO	NAME	EMP.NO	DATE OF BIRTH	DATE OF JOINING	AGE	HT/MS	WT/KGS	DESIGNATION	BLOOD GROUP	BLOOD PRESSURE		HB in gm%	WBC	N	L	M	E	B	ESR mm/1hr	RBS	Sputum AFB	VISION	X-RAY	CHEST EXP(cms)	PFT	SUMMARY
										SYS	DIS														RESULT	
1	SUSANTA DAS	10538	22-05-1972	04-01-2003	50	166	60	Sr. Officer	B(+)	128	84	13.0	7400	68	26	02	04	0	15	188	NF		W.N.L	89/93		
2	SOUMEN DAS	10537	11-02-1971	04-01-2003	51	158	67	Junior Chemist	A(+)	124	82	12.8	7200	68	26	02	04	0	18	124	NF		W.N.L	100/102		
3	AJIT UPADHYAY	10568	04-11-1969	01-08-2003	53	172	70	Lab Assistant	B(+)	120	82	14.2	7200	68	26	02	04	0	24	109	NF		W.N.L	86/90		
4	AMITAV PATRA	10564	05-11-1977	01-08-2003	45	170	65	Officer	A(+)	124	80	13.6	6500	71	22	02	05	0	11	116	NF		W.N.L	96/100		
5	SUBRATA SANTRA	10567	09-02-1984	01-08-2003	38	162	48	Assistant Officer	B(+)	120	80	12.9	6800	69	24	02	05	0	20	78	NF		W.N.L	81/83		
6	VIVEKANDA SAMANTA	10566	09-06-1977	01-08-2003	45	164	66	Assistant Officer	AB(+)	130	84	12.9	8400	68	26	02	04	0	24	203	NF		W.N.L	95/96		
7	CHANCHAL SARKAR	10709	12-03-1979	01-11-2005	43	172	56	Sr. Officer	A(+)	120	80	13.2	5900	69	24	02	05	0	10	98	NF		W.N.L	81/82		
8	SAMIR KUMAR BISWAS	10726	11-05-1982	01-01-2006	40	165	62	Engineer	A(+)	122	82	13.0	5800	68	26	02	04	0	20	98	NF		W.N.L	84/86		
9	KOUSHIK GHOSH	10729	10-03-1986	01-01-2006	36	167	49	Assistant Officer	O(+)	120	80	13.0	6300	68	26	02	04	0	24	106	NF		W.N.L	82/86		
10	UJJWAL KANTI ROY	10767	17-06-1980	01-05-2006	42	166	59	Lab Assistant	AB(+)	120	80	13.6	6000	64	29	02	05	0	14	98	NF		W.N.L	89/92		
11	DIPANKAR MAHANTI	10810	15-01-1978	11-10-2006	45	173	75	Manager	B(+)	124	80	14.2	5900	69	24	02	05	0	12	118	NF		W.N.L	97/100		
12	BUDDHADEB PRAMANIK	10854	15-10-1980	01-02-2007	42	168	68	Sr. Engineer	A(+)	128	84	12.6	8200	60	33	02	05	0	17	102	NF		W.N.L	95/98		
13	SIBA PRASAD HATI	10918	12-03-1983	01-09-2007	39	166	78	Assistant Officer	O(+)	122	82	13.4	6200	64	29	02	05	0	21	78	NF		W.N.L	100/103		
14	SK.SHAJAN ALI	10961	01-03-1987	01-01-2008	35	170	61	Sheet Checker	O(+)	116	78	12.9	8400	69	24	02	05	0	13	98	NF		W.N.L	89/92		
15	SHYAMAL KR. MONDAL	11018	02-01-1966	02-06-2008	57	175	74	Assistant Manager	B(+)	112	76	13.0	7800	73	20	02	05	0	13	186	NF		W.N.L	84/86		
16	PADMALLOCHAN MAHARANA	11131	04-07-1981	01-10-2008	41	178	72	Assistant Officer	B(+)	116	78	12.8	6400	68	24	02	06	0	21	76	NF		W.N.L	96/98		
17	SEKHAR PATRA	10543	04-01-1978	12-02-2003	45	159	68	Sr. Supervisor	B(+)	120	80	12.8	5600	70	23	02	05	0	16	84	NF		W.N.L	94/97		
18	SNEHASIS SINHA	10579	14-07-1973	01-10-2003	49	168	58	Supervisor	A(+)	120	76	12.8	5600	68	24	02	06	0	12	86	NF		W.N.L	84/86		
19	BUDDHADEB HALDAR	10544	03-05-1979	21-02-2003	43	157	58	Assistant Supervisor	A(+)	120	80	12.9	5800	71	22	02	05	0	13	118	NF		W.N.L	90/93		
20	SAGNIK GHOSH	10552	20-09-1978	06-04-2003	44	161	58	Assistant Supervisor	O(+)	116	74	12.8	7200	69	24	02	05	0	17	120	NF		W.N.L	89/91		
21	RAJESH BHUNIA	11363	05-04-1981	01-01-2010	41	170	62	Junior Executive	A(+)	116	78	13.	5800	71	22	02	05	0	16	87	NF		W.N.L	88/90		
22	VASKAR CHAKRABORTY	11364	11-03-1984	01-01-2010	38	170	64	Junior Chemist	A(+)	120	80	13.2	6700	70	23	02	05	0	13	76	NF		W.N.L	88/92		
23	SUNIL CHANDA	11691	08-01-1984	03-11-2010	39	165	75	Junior Executive	O(+)	138	86	13.0	6800	68	24	02	06	0	16	198	NF		W.N.L	86/88		
24	AVISHEK BHATTACHARYA	11797	23-05-1988	01-02-2011	34	185	86	Engineer	A(+)	124	84	15	5600	70	23	02	05	0	20	76	NF		W.N.L	96/98		
25	JOYDEV GHOSH	11806	13-10-1984	15-02-2011	38	164	66	Senior Assistant	A(+)	124	82	12.9	6200	60	33	02	05	0	13	87	NF		W.N.L	88/92		
26	SIBSANKAR ROY	11875	06-02-1987	19-04-2011	35	168	63	Assistant Engineer	A(+)	118	80	13.6	5900	68	26	02	04	0	19	100	NF		W.N.L	88/93		
27	SUMANTA ROY	11914	18-02-1989	17-05-2011	33	175	90	Assistant Engineer	A(+)	116	80	15.0	5400	70	23	02	05	0	13	116	NF		W.N.L	97/100		
28	RAJIB GAYEN	11925	08-06-1983	11-06-2011	39	166	66	Sr. Assistant	A(+)	120	80	14.2	6400	60	33	02	05	0	19	100	NF		W.N.L	90/92		
29	SOUMEN BANERJEE	12094	16-04-1984	19-12-2011	38	169	61	Junior Executive	B(+)	122	82	13.0	8600	73	20	02	05	0	15	80	NF		W.N.L	92/94		
30	SOMNATH AMBOLI	10704	05-06-1984	09-04-2013	38	169	68	Assistant Manager	B(+)	116	74	13.8	5400	64	29	02	05	0	10	88	NF		W.N.L	93/97		
31	SURAJIT SARKAR	12620	07-04-1988	16-08-2013	34	166	58	Sr. Assistant	B(+)	110	86	13.2	5900	69	24	02	05	0	21	89	NF		W.N.L	85/86		
32	KALYAN PAL	12621	07-09-1991	16-08-2013	31	176	80	Junior Engineer	B(+)	116	76	13.3	7500	73	20	02	05	0	16	112	NF		W.N.L	116/78		
33	DINESH KUMAR PAL	12775	02-03-1989	14-04-2014	33	166	63	Sr. Assistant	O(+)	124	82	13.4	6300	70	23	02	05	0	16	106	NF		W.N.L	118/80		
34	ANIKET SAHOO	12903	13-04-1991	01-01-2015	31	169	61	Assistant Engineer	A(+)	122	82	13.0	5800	60	33	02	05	0	18	86	NF		W.N.L	88/90		
35	SATYANATH PANDA	12939	27-05-1978	21-03-2015	44	169	62	Assistant Manager	AB(+)	120	80	12.9	6400	69	24	02	05	0	18	106	NF		W.N.L	88/92		
36	BUDDHADEV BHUNIA	12996	01-04-1988	09-09-2015	34	165	59	Sheet Checker	B+	116	74	12.0	6100	68	24	02	06	0	15	86	NF		W.N.L	86/88		
37	KOUSHIK PATRA	13116	10-05-1991	25-07-2016	31	164	56	Sheet Checker	B+	110	86	12.9	5200	71	22	02	05	0	17	82	NF		W.N.L	80/83		
38	RAJ KUMAR DAS	13252	05-04-1989	20-02-2017	33	171	65	Assistant	AB(+)	116	76	13.8	6700	62	30	02	06	0	20	126	NF		W.N.L	88/92		
39	BIPLAB BANERJEE	13305	02-12-1969	01-08-2017	53	170	70	Asst. Works Manager	B+	124	82	13	6500	68	26	02	04	0	23	166	NF		W.N.L	82/94		
40	SUDIPTA BISAI	13443	26-03-1992	05-04-2018	30	165	71	Assistant	O+	110	86	14.0	6100	73	20	02	05	0	14	76	NF		W.N.L	86/88		
41	AVIK KUMAR GHOSH	13383	27-12-1990	05-02-2018	32	166	66	Jr Engineer	O+	116	74	12.8	8200	71	20	02	07	0	19	113	NF		W.N.L	88/92		
42	SOUMEN BHUNIA	14187	16-03-1995	25-05-2022	27	170	62	Trainee	AB(+)	120	80	12.7	6200	60	34	02	04	0	15	106	NF		W.N.L	89/91		

DR. D.K. BHAKTA
MBBS (CAL)
Medical Officer
Reg. No. - 61987



VISAKA INDUSTRIES LIMITED, MIDNAPORE DIVISION

(MEDICAL CHECK UP LIST FOR WORKERS- 2022-2023)

Sl	NAME	EMP.NO	DATE OF BIRTH	DATE OF JOINING	AGE	HT/CM	WT/KGS	DESIG.	BLOOD GROUP	BLOOD PRESSURE	HB in gm/dl	WBC	N	L	M	E	B	ESR mm/1hr	RBS	Sputum AFB	VISION	X-RAY	CHEST EXP(cms)	PFT	SUMMARY
										SYS DIS														RESULT	
1	JAGABANDHU MAHATA	10542	25-12-1977	05-02-2003	45	168	65	Ope/Tech.	O+	118	80	14.8	5900	63	30	02	5	0	13	108	NF	W.N.L	87/91		
2	SUDIP MONDAL	10545	27-01-1982	25-03-2003	40	165	52	Ope/Tech.	O+	116	74	13.1	8200	64	29	02	5	0	15	116	NF	W.N.L	84/86		
3	P. SASIBHUSAN RAO	10549	01-01-1978	01-04-2003	45	153	50	Ope/Tech.	O+	116	78	13.0	6900	68	24	02	6	0	13	130	NF	W.N.L	88/90		
4	GOUTAM MAHATA	10550	01-01-1980	03-04-2003	43	166	64	Ope/Tech.	O+	120	80	13.6	4700	68	24	02	6	0	18	86	NF	W.N.L	92/98		
5	ARUP RAJAK	10565	19-02-1981	01-08-2003	41	174	75	Ope/Tech.	O-	120	80	12.9	5400	72	20	02	6	0	13	136	NF	W.N.L	91/94		
6	MANOJ MAHATA	10563	10-10-1980	01-08-2003	42	168	60	Ope/Tech.	O+	116	76	13.3	7200	67	24	02	7	0	12	100	NF	W.N.L	86/91		
7	MANAS BISAI	10562	10-02-1980	01-08-2003	42	175	55	Ope/Tech.	B+	118	80	13.8	5900	56	37	02	5	0	15	102	NF	W.N.L	83/88		
8	SANJIB DUTTA	10572	27-11-1976	01-09-2003	46	164	56	Ope/Tech.	B+	124	84	13.6	6200	65	29	02	4	0	14	108	NF	W.N.L	82/86		
9	SASADHAR MAHATA	10574	02-03-1967	01-09-2003	55	173	60	Ope/Tech.	A+	130	86	13.0	6800	70	23	02	5	0	11	88	NF	W.N.L	86/92		
10	GOUTAM HALDAR	10577	02-05-1984	01-10-2003	38	159	54	Ope/Tech.	B+	122	80	13	7400	73	20	01	6	0	12	98	NF	W.N.L	91/92		
11	HARIDAS MANDAL	10578	25-12-1981	01-10-2003	41	164	72	Ope/Tech.	B+	124	82	13.4	8000	65	27	02	6	0	19	106	NF	W.N.L	90/92		
12	BHANU PANDEY	10580	29-10-1979	01-11-2003	43	166	66	Ope/Tech.	A+	118	80	13	6400	67	26	02	5	0	15	98	NF	W.N.L	96/99		
13	RAMESH BAIRAGI	10599	02-03-1982	01-06-2004	40	155	59	Ope/Tech.	O+	116	74	13.8	8400	69	24	02	5	0	13	76	NF	W.N.L	90/96		
14	BINOD KR. HAZIRA	10665	19-01-1982	01-06-2005	40	159	56	Ope/Tech.	A+	116	78	13	6000	67	27	01	5	0	18	102	NF	W.N.L	89/91		
15	DEBASIS NANDI	10688	24-01-1980	01-09-2005	42	171	57	Ope/Tech.	O+	120	80	13.8	6400	69	23	02	6	0	14	118	NF	W.N.L	86/88		
16	ASHOK KR. SHAW	10692	26-06-1987	01-09-2005	35	180	84	Ope/Tech.	O+	120	80	15.0	7200	66	27	02	5	0	10	86	NF	W.N.L	96/98		
17	SANDIP MAHATA	10687	15-01-1982	01-09-2005	41	157	52	Ope/Tech.	A+	116	76	12.9	6000	68	26	02	4	0	20	86	NF	W.N.L	82/96		
18	SUSANTA GHOSH	10684	09-03-1982	01-09-2005	40	153	47	Ope/Tech.	A+	120	80	12.9	8200	68	26	02	4	0	12	100	NF	W.N.L	83/85		
19	CH. SATISH KUMAR	10783	15-02-1981	01-07-2006	41	167	75	Ope/Tech.	O+	118	80	14.	8200	65	28	02	5	0	15	112	NF	W.N.L	86/88		
20	JAY RAM DEBSINGHA	10813	06-04-1984	01-11-2006	38	170	50	Ope/Tech.	O+	124	84	13.0	6200	64	27	02	7	0	11	76	NF	W.N.L	81/83		
21	SRIKANTA GHARAMI	10850	18-05-1985	01-02-2007	37	155	47	Ope/Tech.	B+	130	86	12.9	6600	69	24	02	5	0	13	88	NF	W.N.L	81/83		
22	SIBU ROUTH	10876	20-03-1981	01-05-2007	41	156	62	Ope/Tech.	B+	122	80	14	6800	72	20	02	6	0	12	124	NF	W.N.L	93/95		
23	BIJOY DAS	10887	01-08-1985	01-07-2007	37	168	57	Ope/Tech.	A+	120	80	14.6	4800	60	34	02	4	0	20	80	NF	W.N.L	78/82		
24	SUNIL MAHATA	10921	29-06-1978	01-09-2007	44	169	63	Ope/Tech.	A+	116	76	13.2	5600	73	20	02	5	0	17	116	NF	W.N.L	85/87		
25	PRIYARANJAN GHNTA	11023	27-03-1981	01-03-2008	41	168	59	Ope/Tech.	O+	120	80	13.1	7200	70	23	02	5	0	24	120	NF	W.N.L	91/93		
26	DILLIP KR. GOUDA	11085	01-11-1980	01-07-2008	42	163	66	Ope/Tech.	A+	116	76	13.	4800	72	20	01	7	0	19	124	NF	W.N.L	93/96		
27	SOUMEN PAL	11322	21-10-1989	01-10-2009	33	161	59	Ope/Tech.	A+	120	80	13.4	8200	64	29	02	5	0	14	76	NF	W.N.L	88/92		
28	BISWAJIT SAMANTA	11323	21-09-1982	01-10-2009	40	171	55	Ope/Tech.	AB+	116	76	13.2	7000	66	27	02	5	0	13	118	NF	W.N.L	90/94		
29	GANESH MAHATA	10922	07-03-1986	01-09-2007	36	169	65	Jr. Ope	O+	120	80	13.2	5600	64	28	02	6	0	17	100	NF	W.N.L	92/94		
30	KARTIK CHALAK	10916	08-02-1989	01-09-2007	33	159	50	Jr. Ope	A+	118	80	13.4	7400	63	29	02	6	0	17	80	NF	W.N.L	82/84		
31	SUDHANSU KHA	10919	01-03-1987	01-09-2007	35	168	59	Jr. Ope	B-	124	84	12.8	5800	68	26	02	4	0	20	74	NF	W.N.L	88/92		
32	GHANSHYAM PANDEY	10931	10-10-1988	01-10-2007	34	157	55	Jr. Ope	O+	130	86	12.9	6500	67	24	02	7	0	14	76	NF	W.N.L	82/84		
33	SK. KAMALUDDIN	11053	12-01-1987	02-05-2008	36	165	70	Jr. Ope	O+	120	80	14.3	7200	59	33	02	6	0	21	112	NF	W.N.L	93/99		
34	AMAL MAHATA	11055	03-05-1988	04-05-2008	34	162	61	Jr. Ope	A+	120	80	13.6	6800	73	20	02	5	0	20	98	NF	W.N.L	92/94		
35	SANJOY MANA	11073	04-01-1979	02-06-2008	44	165	62	Jr. Ope	B+	124	80	14.2	6400	59	33	02	6	0	13	100	NF	W.N.L	90/93		
36	SAMIT ADHIKARI	11098	12-09-1985	01-08-2008	37	164	49	Jr. Ope	B+	116	76	13.6	5900	64	29	02	5	0	15	102	NF	W.N.L	78/80		
37	ANTU GHOSH	11105	23-09-1989	02-08-2008	33	167	60	Jr. Ope	B+	122	82	14.2	5900	74	20	02	4	0	21	86	NF	W.N.L	86/88		
38	SANTU DOLAI	11128	01-05-1987	01-10-2008	35	168	65	Jr. Ope	B+	120	80	13.6	5800	64	29	02	5	0	18	124	NF	W.N.L	83/98		
39	SANKAR MONDAL	11397	25-04-1976	01-03-2010	46	160	65	Ope/Tech.	B+	118	80	13.8	8400	73	20	02	5	0	16	106	NF	W.N.L	95/97		
40	SOUGATA PAN	11642	01-05-1990	02-02-2009	32	166	60	Jr. Ope	A+	124	84	13.1	5400	69	23	02	6	0	15	86	NF	W.N.L	85/90		
41	RINTU BHUNIA	11743	15-05-1984	01-06-2009	38	157	54	Jr. Ope	A+	130	86	13.	6400	67	26	02	5	0	10	106	NF	W.N.L	87/89		
42	RAMPADA MAHATA	11772	24-01-1989	01-07-2009	33	159	55	Jr. Ope	O+	122	80	12.8	6300	73	20	02	5	0	17	102	NF	W.N.L	86/88		
43	SWARNA KAMAL SHIT	11774	19-04-1988	01-01-2011	34	173	71	Ope/Tech.	AB+	124	82	13.4	5400	64	29	02	5	0	19	124	NF	W.N.L	88/92		
44	BUDDHADEV PANJA	11775	23-02-1990	01-01-2011	32	168	50	Ope/Tech.	B+	120	80	12.9	6800	67	27	01	5	0	17	76	NF	W.N.L	78/81		
45	SUKUMAR MAHATA	11899	24-03-1990	02-10-2009	32	164	60	Jr. Ope	B+	124	76	13.2	6400	70	23	02	5	0	10	110	NF	W.N.L	89/92		
46	SANAT MAHATA	11911	05-11-1988	01-11-2009	34	171	51	Jr. Ope	A+	120	80	13.2	6200	73	20	02	5	0	19	98	NF	W.N.L	86/89		
47	PRASENJIT DAS	11966	25-04-1987	07-07-2011	35	156	48	Ope/Tech.	A+	120	80	13	6800	68	26	02	4	0	18	118	NF	W.N.L	88/92		
48	SANDIP MONDAL	11967	02-09-1990	12-07-2011	32	171	62	Ope/Tech.	O+	124	80	13.8	6400	62	30	02	6	0	16	104	NF	W.N.L	90/94		
49	KOUSHIK ADHIKARY	12092	04-12-1990	01-07-2010	32	167	56	Jr. Ope	B+	116	76	13.6	6300	67	24	02	7	0	16	88	NF	W.N.L	89/93		
50	PRANAB BISWAS	12093	25-02-1989	01-07-2010	33	167	56	Jr. Ope	B+	122	82	13.0	5400	60	32	02	6	0	17	76	NF	W.N.L	88/90		
51	PRAKASH MAHATA	12101	10-04-1984	01-07-2010	38	165	54	Jr. Ope	A+	116	78	13.4	6400	70	21	02	7	0	18	86	NF	W.N.L	82/85		
52	TARUN ROY	12128	25-04-1986	01-08-2010	36	166	51	Jr. Ope	B+	112	76	13.2	6100	69	24	02	5	0	20	98	NF	W.N.L	83/87		
53	SANTANU BAG	12227	18-04-1991	01-08-2012	31	172	58	Ope/Tech.	B+	120	80	14.	7200	69	24	02	5	0	12	112	NF	W.N.L	89/91		

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VISAKA INDUSTRIES LIMITED, MIDNAPORE DIVISION																										
(MEDICAL CHECK UP LIST FOR CONTRACTOR WORKER- 2022-2023)																										
S.NO	NAME	EMP.NO	DATE OF BIRTH	DATE OF JOINING	AGE	HT/MS	WT/KGS	DESIGNATION	BLOOD GROUP	BLOOD PRESSURE	HB in gm%	WBC	N	L	M	E	B	ESR mm/1 hr	RBS	Sputum AFB	VISION	X-RAY	CHEST EXP(cms)	PFT	SUMMARY	
										SYS	DIS													RESULT		
1	Ajit Mahata	SKM-1	14-May-1981	22-Jun-2009	41	167	61	Contractor Worker	B+	114	76	13	6800	68	24	02	06	00	17	86	NF		W.N.L	83/88		
2	Anadi Mahata	SKM-2	1-Jan-1980	1-Apr-2006	43	160	55	Contractor Worker	A+	118	80	12.8	5700	73	20	02	05	00	17	100	NF		W.N.L	88/91		
3	Barun Kumar Mahata	SKM-3	16-Dec-1974	1-Jun-2009	48	169	49	Contractor Worker	A+	118	80	13	5800	70	23	02	05	00	17	88	NF		W.N.L	81/83		
4	Budheswar Mahata	SKM-4	15-Jul-1979	1-Feb-2004	43	164	45	Contractor Worker	B+	118	80	12.6	5400	73	20	02	05	00	13.1	98	NF		W.N.L	78/81		
5	Dhananjay Ghosh	SKM-5	1-Jan-1983	1-Apr-2008	40	179	55	Contractor Worker	B+	116	74	13.1	6200	64	29	02	05	00	10	93	NF		W.N.L	83/86		
6	Dipak Mahata	SKM-6	15-Jul-1979	1-Feb-2004	43	165	56	Contractor Worker	A+	116	78	13.6	6400	68	24	02	06	00	11	80	NF		W.N.L	81/83		
7	Gobinda Mahata	SKM-7	15-Jul-1976	1-Jun-2009	46	176	52	Contractor Worker	O+	120	80	12.8	8100	69	24	02	05	00	21	83	NF		W.N.L	80/84		
8	Gopal Mahata	SKM-8	3-Jul-1976	5-Jan-2007	46	167	55	Contractor Worker	O+	112	76	13	5300	70	23	02	05	00	25	96	NF		W.N.L	81/86		
9	Jageswar Mahata	SKM-9	1-Jul-1978	1-Apr-2006	44	167	48	Contractor Worker	A+	114	76	13.2	6400	73	20	02	05	00	11	100	NF		W.N.L	81/83		
10	Jaladhar Mahato	SKM-10	15-Jul-1987	21-Jul-2009	35	178	64	Contractor Worker	A+	118	80	13.8	5300	73	20	02	05	00	13	76	NF		W.N.L	88/93		
11	Joydip Roy	SKM-11	12-Mar-1976	5-Jun-2009	46	165	58	Contractor Worker	B+	118	80	12.9	6100	70	23	02	05	00	10	96	NF		W.N.L	83/88		
12	Kadan Murmu	SKM-12	15-Jul-1978	1-Nov-2003	44	162	54	Contractor Worker	B+	118	80	14	5200	69	24	02	05	00	16	8	NF		W.N.L	88/91		
13	Mantu Charan Mahata	SKM-13	15-Jul-1971	1-Nov-2003	51	154	45	Contractor Worker	B+	116	74	13.2	6400	68	24	02	06	00	13	71	NF		W.N.L	81/83		
14	Nishu Dolai	SKM-14	1-Jun-1984	1-Apr-2008	38	165	60	Contractor Worker	B+	116	78	12.8	8200	73	20	02	05	00	18	93	NF		W.N.L	78/81		
15	Nirmal Chandra Singh	SKM-15	7-Jun-1975	1-Jun-2009	47	163	53	Contractor Worker	O+	120	80	12.6	7400	67	24	02	07	00	13	99	NF		W.N.L	83/86		
16	Dilip Mahata	SKM-16	28-Oct-1974	2-Jan-2012	48	153	46	Contractor Worker	A+	116	76	12.6	6300	69	24	02	05	00	17	70	NF		W.N.L	82/84		
17	Palash Singh	SKM-17	15-Jul-1983	1-Apr-2005	39	158	44	Contractor Worker	O+	120	80	12.5	4800	70	23	02	05	00	15	87	NF		W.N.L	88/91		
18	Prashanta Singh	SKM-18	2-Apr-1986	6-Jun-2009	36	159	55	Contractor Worker	B+	120	80	13.2	8100	64	29	02	05	00	11	80	NF		W.N.L	78/81		
19	Ranjit Singh	SKM-19	15-Jul-1977	1-Nov-2003	45	158	46	Contractor Worker	A+	118	80	13	5900	69	24	02	05	00	19	92	NF		W.N.L	83/86		
20	Sanat Mahata	SKM-21	1-Jan-1986	10-Jan-2007	37	158	52	Contractor Worker	A+	124	84	13.2	6100	68	24	02	06	00	21	98	NF		W.N.L	71/76		
21	Sanatan Dolai	SKM-22	1-Jun-1988	1-Apr-2008	34	164	44	Contractor Worker	B+	130	86	3	700	67	24	02	07	00	18	91	NF		W.N.L	78/82		
22	Sanjay Mahato	SKM-23	1-Jan-1984	2-Jan-2012	39	171	54	Contractor Worker	O+	122	80	13.2	7500	70	23	02	05	00	16	82	NF		W.N.L	82/84		
23	Satish Mahata	SKM-24	15-Jul-1974	1-Nov-2003	48	161	59	Contractor Worker	B+	128	84	13.1	6500	64	29	02	05	00	10	80	NF		W.N.L	86/91		
24	Shakti Pada Mana	SKM-25	1-Jan-1973	1-Jun-2009	50	172	75	Contractor Worker	O+	136	90	13	5600	69	24	02	05	00	13	83	NF		W.N.L	80/83		
25	Shishir Santra	SKM-26	1-Jan-1977	2-Jan-2007	46	168	60	Contractor Worker	B+	120	80	13.6	6500	73	20	02	05	00	16	91	NF		W.N.L	88/91		
26	Subhas Mahata	SKM-27	15-Jul-1979	1-Feb-2004	43	160	49	Contractor Worker	A+	120	80	12.8	5900	70	23	02	05	00	16	82	NF		W.N.L	78/83		
27	Sujit Singh	SKM-28	1-Jul-1984	1-Apr-2006	38	161	50	Contractor Worker	O+	116	74	12.6	7600	70	23	02	05	00	18	86	NF		W.N.L	81/83		
28	Susanta Mandal	SKM-29	6-Mar-1991	17-Jun-2009	31	161	52	Contractor Worker	O+	116	78	13	6700	73	20	02	05	00	13	77	NF		W.N.L	78/81		
29	Tapan Kumar Ghosh	SKM-30	21-Nov-1971	1-Jun-2009	51	160	56	Contractor Worker	O+	120	80	12.8	5300	68	24	02	06	00	10	100	NF		W.N.L	82/86		
30	Tapan Kumar Mahata	SKM-31	15-Jul-1976	1-Apr-2005	46	158	53	Contractor Worker	O+	120	80	13.2	6200	69	24	02	05	00	15	98	NF		W.N.L	75/79		
31	Ujjal Singh	SKM-33	15-Jul-1985	1-Jun-2003	37	166	56	Contractor Worker	A+	116	76	12.8	8100	69	24	02	05	00	21	80	NF		W.N.L	84/86		
32	Umesh Mahata	SKM-34	15-Jul-1981	1-Apr-2005	41	168	59	Contractor Worker	B+	120	80	12.6	5900	73	20	02	05	00	20	91	NF		W.N.L	79/82		
33	Mantu Mahata	SKM-35	10-Jan-1982	2-Aug-2016	41	165	68	Contractor Worker	B+	116	76	13.2	7200	68	24	02	06	00	13	83	NF		W.N.L	88/91		
34	Amal Chohra	SKM-36	11-Jun-1993	1-Jan-2019	29	167	50	Contractor Worker	B+	120	80	14	6200	70	23	02	05	00	14	100	NF		W.N.L	77/78		
35	Kamal Lohar	SKM-37	16-Sep-1981	1-Dec-2018	41	160	52	Contractor Worker	A+	120	80	13	5900	64	29	02	05	00	16	76	NF		W.N.L	81//83		


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36	Amit Mahata	BM-1	7-Aug-1987	8-Feb-2007	35	153	45	Contractor Worker	O+	120	80	12.6	6400	64	29	02	05	00	18	89	NF		W.N.L	77/78		
37	Barun Roy	BM-2	1-Jan-1980	2-Mar-2006	43	167	55	Contractor Worker	O+	118	80	13.1	6400	70	20	02	05	00	13	106	NF		W.N.L	81/83		
38	Bhakti Dule	BM-4	1-Jan-1981	1-Feb-2009	42	168	59	Contractor Worker	O+	124	84	12.8	5800	68	24	02	06	00	12	98	NF		W.N.L	81/84		
39	Bholanath Dolui	BM-5	13-Dec-1970	1-Feb-2007	52	163	48	Contractor Worker	A+	130	86	12.9	8100	59	33	02	06	00	10	102	NF		W.N.L	77/80		
40	Bimal Hasda	BM-6	20-Jul-1988	9-Jun-2009	34	159	65	Contractor Worker	A+	122	80	13.6	6400	64	29	02	05	00	15	116	NF		W.N.L	76/79		
41	Chhitaranjan Ghosh	BM-7	1-Jan-1979	1-Jun-2009	44	170	74	Contractor Worker	AB+	114	76	13.2	4600	70	23	02	05	00	19	113	NF		W.N.L	80/82		
42	Chitranjan Mahata	BM-8	15-Jul-1979	1-Jun-2009	43	157	56	Contractor Worker	O+	118	80	12.9	5900	61	33	02	04	00	13	90	NF		W.N.L	80/84		
43	Dipak Adhikari	BM-9	15-Jul-1972	19-Jul-2009	50	185	60	Contractor Worker	B+	118	80	12.6	6300	69	24	02	05	00	18	86	NF		W.N.L	80/82		
44	Dipak Mahata (1)	BM-10	20-Jun-1988	1-Sep-2011	34	167	52	Contractor Worker	O+	116	74	13.8	7200	61	33	02	04	00	24	72	NF		W.N.L	79/81		
45	Gour Mahata	BM-11	1-Jan-1989	1-Sep-2011	34	158	45	Contractor Worker	A+	118	80	13.1	5800	59	33	02	06	00	13	88	NF		W.N.L	82/87		
46	Jadunath Karmakar	BM-12	1-Jan-1980	2-Mar-2006	43	167	54	Contractor Worker	A+	124	84	12.6	6000	70	23	02	05	00	18	91	NF		W.N.L	79/83		
47	Jhantu Mahata (1)	BM-13	15-Jul-1972	1-Jun-2004	50	163	57	Contractor Worker	A+	130	86	13.0	8200	64	29	02	05	00	15	71	NF		W.N.L	85/87		
48	Jhantu Mahata (2)	BM-14	1-Jan-1981	15-Jul-2009	42	168	52	Contractor Worker	B+	122	80	12.9	6400	69	24	02	05	00	16	80	NF		W.N.L	85/86		
49	Jitendra Bhandari	BM-15	1-Jan-1988	13-Jul-2009	35	168	55	Contractor Worker	O+	120	80	12.8	7600	68	24	02	06	00	13	93	NF		W.N.L	84/86		
50	Kartik Mahata	BM-16	1-Jul-1983	22-Apr-2006	39	162	52	Contractor Worker	AB+	118	80	13.0	6300	70	23	02	05	00	21	74	NF		W.N.L	79/81		
51	Kartik Mandi	BM-17	25-Jan-1990	2-Jun-2009	32	152	44	Contractor Worker	A+	124	84	13.2	6700	61	33	02	04	00	19	86	NF		W.N.L	97/100		
52	Kashinath Mahata	BM-18	1-Jul-1975	10-Apr-2006	47	168	73	Contractor Worker	O+	130	86	12.2	5800	59	33	02	06	00	24	88	NF		W.N.L	82/84		
53	Khagen Mahata	BM-19	15-Jul-1987	2-May-2005	35	159	56	Contractor Worker	B+	122	80	12.6	6100	64	29	02	05	00	18	90	NF		W.N.L	84/86		
54	Madhu Mahata	BM-20	1-Jan-1979	1-Mar-2006	44	165	60	Contractor Worker	B+	114	76	13.0	7000	69	24	02	05	00	16	92	NF		W.N.L	82/86		
55	Mithun Mahata	BM-21	1-Jan-1980	2-Mar-2006	43	161	48	Contractor Worker	A+	118	80	13.0	8200	69	24	02	05	00	20	77	NF		W.N.L	82/84		
56	Mantu Hemram	BM-22	1-Jan-1985	8-Jun-2009	38	166	49	Contractor Worker	B+	118	80	13.8	8200	68	24	02	06	00	15	105	NF		W.N.L	83/87		
57	Montu Roy	BM-23	2-Apr-1989	1-Feb-2009	33	163	50	Contractor Worker	AB+	116	74	12.8	6800	70	23	02	05	00	24	86	NF		W.N.L	80/82		
58	Murari Mahata	BM-24	1-Jan-1985	1-Sep-2011	38	153	46	Contractor Worker	B+	116	78	13.2	8400	68	24	02	06	00	13	80	NF		W.N.L	78/80		
59	Nanda Dulai	BM-25	15-Jul-1970	2-Jun-2009	52	162	55	Contractor Worker	O+	120	80	12.8	5900	64	29	02	05	00	19	88	NF		W.N.L	87/89		
60	Nirmal Duley	BM-26	9-Feb-1983	1-Feb-2007	39	163	54	Contractor Worker	AB+	120	80	13.2	6300	73	20	02	05	00	17	93	NF		W.N.L	80/83		
61	Pasupati Mahata (1)	BM-27	1-Jan-1981	1-Jun-2009	42	160	60	Contractor Worker	A+	116	76	12.6	6300	70	23	02	05	00	13	71	NF		W.N.L	89/92		
62	Pintu Roy	BM-28	1-Apr-1991	1-Sep-2011	31	163	42	Contractor Worker	B+	130	86	12.2	6700	69	24	02	05	00	21	92	NF		W.N.L	82/86		
63	Prasanta Dulay	BM-29	15-Jul-1983	1-Jun-2009	39	167	50	Contractor Worker	AB+	122	80	13.6	7600	64	29	02	05	00	24	96	NF		W.N.L	90/92		
64	Rakhal Mahata	BM-30	1-Jul-1981	1-Jun-2004	41	155	43	Contractor Worker	O+	120	80	12.8	6400	73	20	02	05	00	13	106	NF		W.N.L	79/82		
65	Sanjoy Bhandari	BM-31	1-Jan-1985	1-Sep-2011	38	159	51	Contractor Worker	B+	118	80	13.2	7000	70	23	02	05	00	15	113	NF		W.N.L	79/84		
66	Subash Mahata	BM-32	1-Jan-1979	1-Jun-2009	44	160	54	Contractor Worker	O+	116	74	12.8	6400	68	24	02	06	00	21	196	NF		W.N.L	86/90		
67	Sunil Kumar Mandi	BM-33	15-Jan-1985	1-Feb-2009	38	158	66	Contractor Worker	B+	116	78	13.0	8200	69	24	02	05	00	20	100	NF		W.N.L	94/98		
68	Sunil Singh	BM-34	15-Jul-1979	9-Jun-2009	43	160	62	Contractor Worker	B+	120	80	13.2	5400	70	23	02	05	00	15	138	NF		W.N.L	86/88		
69	Susanata Dulay	BM-35	15-Apr-1989	9-Jun-2009	33	163	43	Contractor Worker	A+	120	80	14.0	6300	67	24	02	07	00	17	113	NF		W.N.L	82/84		
70	Swapan Ghosh	BM-36	1-Jan-1976	17-Jul-2009	47	165	51	Contractor Worker	A+	116	76	13.1	6200	73	20	02	05	00	16	98	NF		W.N.L	80/83		
71	Swapan Mahata (1)	BM-37	1-Jan-1974	3-Mar-2006	49	160	65	Contractor Worker	O+	120	80	12.6	8100	64	29	02	05	00	19	218	NF		W.N.L	90/92		
72	Swapan Mahata-5	BM-38	1-Jan-1982	10-Nov-2009	41	168	69	Contractor Worker	B+	118	80	12.8	7400	70	23	02	05	00	13	115	NF		W.N.L	75/78		
73	Tapan Mahata	BM-39	15-Jul-1975	2-May-2005	47	169	54	Contractor Worker	O+	124	84	13.1	5700	69	24	02	05	00	14	100	NF		W.N.L	80/82		
74	Uttam Mahata	BM-40	15-Jul-1984	1-Jun-2004	38	150	55	Contractor Worker	B+	130	86	12.9	6200	68	24	02	06	00	15	98	NF		W.N.L	82/84		
75	Ashish Mahata	BM-41	29-Dec-1980	7-Aug-2016	42	165	56	Contractor Worker	B+	122	80	12.8	7200	70	23	02	05	00	14	93	NF		W.N.L	80/83		
76	Ganga Roy	BM-42	8-Jan-1975	1-Aug-2016	48	162	55	Contractor Worker	B+	118	80	12.0	6400	73	20	02	05	00	20	92	NF		W.N.L	82/84		

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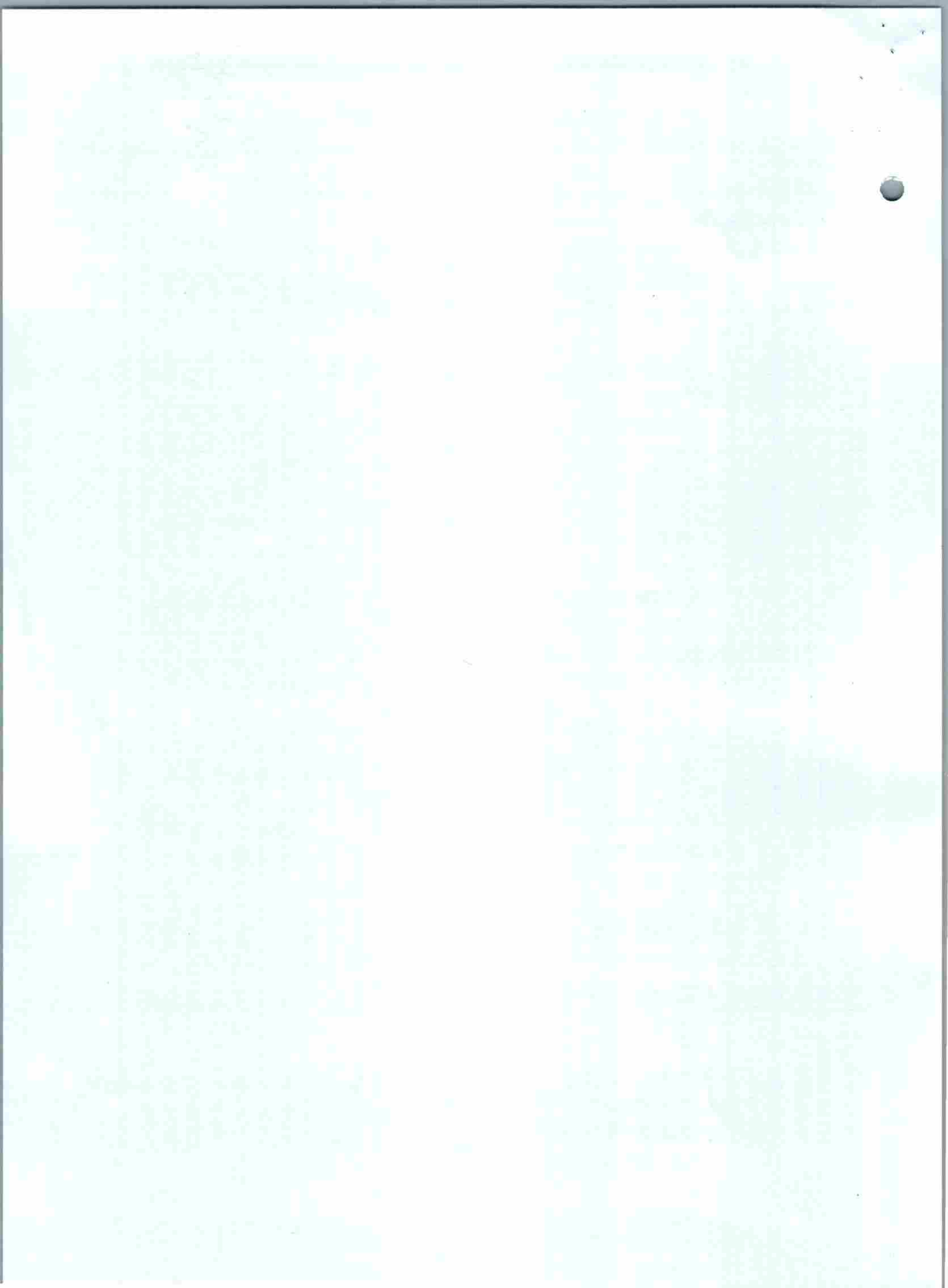
77	Jiten Mahata	BM-43	23-Apr-1987	1-Aug-2016	35	154	43	Contractor Worker	AB+	124	84	12.3	5900	73	20	02	05	00	14	90	NF		W.N.L	82/84		
78	Nirmal Ghosh	BM-44	12-Aug-1976	7-Aug-2016	46	165	58	Contractor Worker	AB+	130	86	13.1	5400	59	33	02	06	00	16	90	NF		W.N.L	82/84		
79	Phatik Mahata	BM-45	15-Jul-1972	1-Aug-2016	50	163	54	Contractor Worker	A+	122	80	13.2	5900	73	20	01	06	00	20	102	NF		W.N.L	80/82		
80	Samar Dolai	BM-47	1-Jan-1980	1-Aug-2016	43	158	46	Contractor Worker	B+	118	80	13.0	7200	73	20	01	06	00	12	120	NF		W.N.L	80/82		
81	Shakti Mahata	BM-48	13-Feb-1968	12-Aug-2016	54	159	50	Contractor Worker	O+	124	84	12.9	4900	67	24	02	07	00	17	100	NF		W.N.L	87/89		
82	Suvankar Singha	BM-49	16-Jun-1991	1-Aug-2016	31	158	46	Contractor Worker	A+	130	86	14.0	5300	64	29	02	05	00	18	121	NF		W.N.L	80/83		
83	Balaram Mahata	BM-50	1-Jan-1971	1-Dec-2018	52	158	46	Contractor Worker	A+	122	80	13	5900	69	24	02	05	00	24	100	NF		W.N.L	78/80		
84	Anjan Choubay	HM-1	7-Dec-1988	1-Sep-2010	34	181	90	Contractor Worker	B+	124	84	14.5	5800	70	23	02	05	00	18	76	NF		W.N.L	109/111		
85	Arun Mahata	HM-2	1-Jan-1981	6-Jun-2009	42	163	52	Contractor Worker	AB+	120	80	13.0	6400	73	20	02	05	00	10	87	NF		W.N.L	81/83		
86	Ashis Mondal	HM-3	15-Jul-1984	1-Nov-2004	39	154	52	Contractor Worker	O+	116	76	12.8	4600	68	24	02	06	00	15	90	NF		W.N.L	86/88		
87	Ashoke Mahata	HM-4	1-Mar-1966	1-Apr-2004	57	182	60	Contractor Worker	B+	120	80	13.0	8100	59	33	02	06	00	17	120	NF		W.N.L	80/82		
88	Bapi Biswas	HM-5	25-May-1990	1-Jun-2009	33	160	58	Contractor Worker	A+	118	80	12.9	6400	64	29	02	05	00	21	88	NF		W.N.L	83/85		
89	Bulu Dolai	HM-6	29-Apr-1982	10-Jul-2009	41	170	54	Contractor Worker	A+	118	80	13.0	4500	73	20	02	05	00	19	102	NF		W.N.L	75/78		
90	Debasis Biswas	HM-7	2-Apr-1991	1-Jun-2009	32	162	50	Contractor Worker	O+	116	74	12.8	5900	68	24	02	06	00	13	74	NF		W.N.L	84/86		
91	Dilip Mahata	HM-8	15-Jul-1982	1-Nov-2004	41	170	65	Contractor Worker	A+	116	78	13.2	6200	69	24	02	05	00	16	98	NF		W.N.L	90/92		
92	Ganesh Biswas	HM-9	15-Jul-1982	1-Nov-2004	41	160	58	Contractor Worker	B+	120	80	12.8	8100	69	24	02	05	00	10	91	NF	NORMAL	W.N.L	84/86		
93	Gurudas Mondal	HM-10	10-Mar-1984	1-May-2003	39	162	55	Contractor Worker	B+	120	80	13.2	7300	70	23	02	05	00	12	103	NF		W.N.L	82/86		
94	Joydeb Mahata	HM-11	15-Jul-1978	1-Nov-2004	45	172	69	Contractor Worker	B+	130	86	12.6	6900	59	33	02	06	00	18	108	NF		W.N.L	94/96		
95	Kishore Adhikary	HM-12	8-May-1986	5-Mar-2006	37	173	75	Contractor Worker	B+	122	80	13.2	7400	73	20	02	05	00	21	102	NF		W.N.L	94/97		
96	Laxmikanta Mahata	HM-13	1-Apr-1986	5-Apr-2006	37	163	62	Contractor Worker	A+	116	78	13.6	4900	68	24	02	06	00	19	121	NF		W.N.L	85/88		
97	Laxminarayan Mahata	HM-14	8-Mar-1985	2-Mar-2006	38	170	54	Contractor Worker	AB+	120	80	13.1	6300	69	24	02	05	00	20	116	NF		W.N.L	84/86		
98	Makhan Mandal	HM-15	15-Jul-1968	1-Jun-2009	55	163	64	Contractor Worker	O+	120	80	13.1	5400	64	29	02	05	00	23	136	NF		W.N.L	91/93		
99	Mithun Chakraborty	HM-16	14-Mar-1987	1-Mar-2006	36	161	50	Contractor Worker	A+	116	76	13.4	7300	69	24	02	05	00	21	78	NF		W.N.L	88/91		
100	Nathuram Mahata	HM-17	1-Jan-1965	1-Apr-2010	58	166	55	Contractor Worker	O+	120	80	12.8	5800	68	24	02	06	00	15	112	NF		W.N.L	83/85		
101	Prasanjit Pai	HM-18	2-Nov-1972	2-Mar-2009	50	141	62	Contractor Worker	O+	118	80	12.8	5700	70	23	02	05	00	24	102	NF		W.N.L	94/96		
102	Premchand Bala	HM-19	1-Jan-1979	1-Mar-2006	44	158	44	Contractor Worker	B+	124	84	11.9	7500	64	29	02	05	00	13	98	NF		W.N.L	75/77		
103	Rabindranath Mahato	HM-20	1-Jan-1976	1-Apr-2010	47	170	60	Contractor Worker	B+	120	80	13.2	5400	73	20	02	05	00	15	116	NF		W.N.L	86/88		
104	Raju Halder	HM-21	15-Jul-1982	1-Nov-2004	41	164	68	Contractor Worker	A+	116	76	14.0	4500	68	24	02	06	00	14	108	NF		W.N.L	93/95		
105	Sanjoy Biswas	HM-22	15-Jul-1984	1-May-2003	39	156	54	Contractor Worker	B+	120	80	13.9	5900	69	24	02	05	00	18	80	NF		W.N.L	81/83		
106	Surajit Biswas	HM-23	4-May-1989	1-Jun-2009	34	162	51	Contractor Worker	O+	118	80	13.0	7200	69	24	02	05	00	21	86	NF		W.N.L	82/83		
107	Swadesh Majumdar	HM-24	22-Apr-1985	1-Aug-2011	38	168	53	Contractor Worker	B+	118	80	13.2	8100	68	24	02	06	00	19	81	NF	NORMAL	W.N.L	80/84		
108	Swapan Mazumder	HM-25	10-Nov-1977	1-May-2003	45	156	56	Contractor Worker	B+	116	74	13.1	7600	70	23	02	05	00	18	92	NF		W.N.L	85/87		
109	Tapan Biswas	HM-26	15-Jul-1984	1-Nov-2004	39	155	54	Contractor Worker	B+	116	78	12.8	4900	64	29	02	05	00	13	100	NF		W.N.L	82/83		
110	Tarun Kumar Mahata	HM-27	5-Jul-1971	1-Mar-2006	52	166	65	Contractor Worker	B+	120	80	13.0	5600	69	24	02	05	00	12	120	NF		W.N.L	84/86		
111	Tuck Chand Paria	HM-28	1-Jan-1971	1-Apr-2010	52	170	62	Contractor Worker	A+	120	80	13.2	5500	68	24	02	06	00	20	117	NF		W.N.L	82/84		
112	Sailen Mahata	HM-29	3-Jan-1974	1-Apr-2006	41	159	45	Contractor Worker	A+	116	74	13.1	5200	70	23	02	05	00	23	116	NF		W.N.L	80/82		
113	Sujit Mahata	HM-30	15-Jul-1980	1-Nov-2004	34	157	44	Contractor Worker	O+	116	78	12.7	4600	73	20	02	05	00	17	98	NF		W.N.L	78/80		
114	Ram Halder	HM-31	26-Nov-1980	1-Aug-2016	37	160	48	Contractor Worker	A+	120	80	12.9	6300	59	33	02	06	00	13	102	NF	NORMAL	W.N.L	94/97		
115	Manojit Mondal	HM-32	13-Apr-1990	1-Aug-2016	28	158	66	Contractor Worker	O+	120	80	13.8	6200	70	23	02	05	00	17	81	NF	NORMAL	W.N.L	82/86		
116	Pintu Ghosh	HM-33	1-Jan-1987	1-Aug-2016	31	160	62	Contractor Worker	O+	130	86	12.9	6400	68	24	02	06	00	18	86	NF		W.N.L	83/85		
117	Pradip Mahata	HM-34	7-Feb-1995	1-Aug-2016	23	163	46	Contractor Worker	AB+	122	80	13.0	4600	69	24	02	05	00	19	76	NF		W.N.L	86/88		

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118	Shankar Pan	HM-35	1-Jul-1970	1-Aug-2016	48	165	48	Contractor Worker	O+	120	80	12.8	6400	64	29	02	05	00	10	126	NF		W.N.L	80/84		
119	Milan Chakraborty	HM-36	3-Jan-1989	1-Aug-2016	29	160	58	Contractor Worker	A+	118	80	13.6	8100	64	29	02	05	00	11	86	NF		W.N.L	82/83		
120	Bablu Mahata	HM-37	7-Feb-1991	1-Aug-2016	27	168	45	Contractor Worker	AB+	118	80	12.0	7200	70	23	02	05	00	16	80	NF		W.N.L	91/93		
121	Ajit Singh	KM-1	1-Jul-1982	1-Jul-2003	41	166	53	Contractor Worker	O+	116	76	13.0	6300	73	20	02	05	00	24	86	NF		W.N.L	82/83		
122	Anjan Bag	KM-2	1-Jan-1988	1-Apr-2006	35	162	55	Contractor Worker	O+	120	80	13.2	6200	69	24	02	05	00	18	70	NF		W.N.L	84/86		
123	Bhakti Patar	KM-3	12-Jan-1988	1-Apr-2006	35	162	61	Contractor Worker	O+	118	80	12.8	8400	70	23	02	05	00	13	74	NF		W.N.L	92/93		
124	Biswanath Mahanta	KM-4	1-Jan-1987	7-Jul-2006	36	156	55	Contractor Worker	B+	124	84	13.6	5600	73	20	02	05	00	21	100	NF		W.N.L	82/83		
125	Buddheswar Mahato	KM-5	15-Jul-1976	4-Oct-2006	47	160	58	Contractor Worker	O+	130	86	12.8	7100	64	29	02	05	00	16	98	NF		W.N.L	79/81		
126	Chitta Mahata	KM-6	15-Jul-1970	1-Nov-2003	53	160	46	Contractor Worker	B+	122	80	12.6	5400	68	24	02	06	00	13	93	NF		W.N.L	80/82		
127	Dipak Roy	KM-7	1-Jan-1986	7-Apr-2006	37	160	52	Contractor Worker	A+	118	80	13.1	5300	67	24	02	07	00	17	90	NF		W.N.L	78/82		
128	Dulai Mahato	KM-8	1-Jul-1970	1-Apr-2006	53	161	47	Contractor Worker	B+	116	74	12.6	6700	69	24	05	02	00	19	92	NF		W.N.L	81/83		
129	Ganesh Singh	KM-9	1-Jan-1986	7-Apr-2006	37	156	52	Contractor Worker	B+	120	80	13.8	7000	70	23	02	05	00	15	120	NF		W.N.L	81/83		
130	Gouri Dolai	KM-10	1-Jul-1969	1-Apr-2006	54	162	51	Contractor Worker	O+	120	80	13.0	6400	64	29	02	05	00	16	102	NF		W.N.L	83/85		
131	Jaladhar Mahato	KM-11	1-Jul-1989	16-Aug-2006	34	159	54	Contractor Worker	B+	116	76	13.6	4800	68	24	02	06	00	10	100	NF		W.N.L	79/82		
132	Pradip Mahata	KM-12	15-Jul-1985	1-Jul-2003	38	160	54	Contractor Worker	B+	120	80	12.8	7900	70	23	02	05	00	13	96	NF		W.N.L	82/84		
133	Prakash Mahata	KM-13	15-Jul-1968	1-Jul-2003	55	151	49	Contractor Worker	O+	118	80	12.7	6300	67	24	02	07	00	16	86	NF		W.N.L	82/84		
134	Rakhahari Mahato	KM-14	1-Jan-1969	1-Apr-2006	54	156	53	Contractor Worker	B+	124	84	13.2	5900	73	20	02	05	00	18	113	NF		W.N.L	81/83		
135	Sanjoy Patra	KM-15	3-Feb-1987	4-Apr-2006	36	158	55	Contractor Worker	A+	130	86	13.6	6500	68	24	02	06	00	13	88	NF		W.N.L	79/81		
136	Shankar Mahata	KM-16	15-Jul-1975	1-Jul-2003	48	166	56	Contractor Worker	O+	130	86	12.6	5600	69	24	02	05	00	16	105	NF		W.N.L	84/86		
137	Sunil Mahata	KM-18	15-Jul-1986	1-Jul-2003	37	158	50	Contractor Worker	A+	122	80	13.8	5800	70	23	02	05	00	19	102	NF		W.N.L	78/82		
138	Sunit Mahata	KM-19	15-Jul-1978	1-Jul-2003	45	163	53	Contractor Worker	A+	118	80	13.0	6300	73	20	02	05	00	17	100	NF		W.N.L	81/83		
139	Kartik Mahata	KM-20	12-Dec-1977	1-Aug-2016	40	153	48	Contractor Worker	O+	116	74	12.9	8200	73	20	02	05	00	21	98	NF		W.N.L	81/84		
140	Mangal Mandi	KM-21	1-Nov-1978	1-Aug-2016	40	162	55	Contractor Worker	B+	120	80	13.0	6700	69	24	02	05	00	24	93	NF		W.N.L	85/87		
141	Sanjib Roy	KM-22	22-Apr-1975	3-Aug-2016	43	163	56	Contractor Worker	AB+	120	80	13.0	8400	64	29	02	05	00	15	102	NF		W.N.L	79/82		
142	Ashok Mahato	IA-2	1-Jul-1975	5-Apr-2006	48	171	53	Contractor Worker	B+	118	80	12.8	6300	73	20	02	05	00	18	86	NF		W.N.L			
143	Barun Mahata(A)	IA-3	15-Jul-1981	1-May-2003	42	163	42	Contractor Worker	A+	124	84	13.0	5800	70	23	02	05	00	13	76	NF		W.N.L			
144	Basir Mallick	IA-4	1-Jan-1985	4-Jun-2009	38	159	58	Contractor Worker	O+	130	86	13.0	5200	68	24	02	06	00	17	73	NF		W.N.L			
145	Bholanath Mahato	IA-5	15-Jul-1972	1-May-2003	51	162	50	Contractor Worker	O+	122	80	12.8	6400	73	20	02	05	00	16	80	NF		W.N.L	80/83		
146	Biswanath Deb	IA-6	15-Jul-1973	1-Jan-2005	50	169	60	Contractor Worker	O+	120	80	13.1	6300	70	23	02	05	00	14	98	NF		W.N.L			
147	Bubu Singh	IA-7	15-Jul-1983	1-May-2003	40	165	54	Contractor Worker	B+	116	76	13.0	5900	64	29	02	05	00	15	83	NF		W.N.L			
148	Chhatrapati Mahato	IA-9	1-Jan-1982	5-Apr-2006	41	162	54	Contractor Worker	A+	120	80	12.6	8000	73	20	02	05	00	18	82	NF		W.N.L	78/81		
149	Ganesh Mahato(A)	IA-10	11-Aug-1975	1-May-2003	47	165	48	Contractor Worker	B+	122	82	13.1	5800	70	23	02	05	00	21	77	NF		W.N.L			
150	Jamshed Khan	IA-11	1-Jul-1986	15-Mar-2006	37	181	61	Contractor Worker	B+	116	78	13.0	5900	69	24	02	05	00	13	99	NF		W.N.L			
151	Kamal Hosen Khan	IA-12	1-Jan-1980	4-Jun-2009	43	163	63	Contractor Worker	B+	112	76	12.9	5300	73	20	02	05	00	15	100	NF		W.N.L			
152	Lakhan Mahato	IA-13	1-Jan-1976	4-Apr-2006	47	153	45	Contractor Worker	O+	114	76	12.2	8200	68	24	02	06	00	20	98	NF		W.N.L			
153	Mahadev Mahata	IA-14	15-Jul-1982	11-Jun-2009	41	155	43	Contractor Worker	B+	118	80	13.0	6400	69	24	02	05	00	24	86	NF		W.N.L			

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Reg. No. - 61987

16/01/23



154	Mangal Mahato	IA-15	1-Jul-1966	5-Apr-2006	57	165	54	Contractor Worker	O+	120	80	12.8	5900	70	23	02	05	00	13	76	NF	W.N.L		
155	Muslim Khan	IA-16	15-Jul-1985	3-Jun-2009	38	154	43	Contractor Worker	B+	120	80	13.0	6400	69	24	02	05	00	18	102	NF	W.N.L		
156	Nimai Mahata	IA-17	15-Jul-1986	4-Jun-2009	37	163	48	Contractor Worker	A+	122	82	12.9	5800	70	23	02	05	00	12	98	NF	W.N.L		
157	Saidul Khan	IA-18	15-Jul-1990	4-Jun-2009	33	162	61	Contractor Worker	B+	116	78	14.2	8200	73	20	02	05	00	10	93	NF	W.N.L		
158	Samir Mallik	IA-19	1-Jul-1969	4-Apr-2006	54	168	68	Contractor Worker	O+	112	76	12.0	7700	68	24	02	06	00	13	86	NF	W.N.L		
159	Sanjoy Mahato	IA-20	10-Apr-1979	1-May-2003	44	176	54	Contractor Worker	B+	114	76	13.0	6700	64	29	02	05	00	17	76	NF	W.N.L		
160	Siba Prasad Mahato	IA-21	1-Jul-1976	4-Apr-2006	47	167	52	Contractor Worker	AB+	118	80	12.6	6300	69	24	02	05	00	10	82	NF	W.N.L		
161	Asgar Ali Sk	IA-22	15-Jul-1963	1-Nov-2004	60	165	45	Contractor Worker	O+	120	80	12.6	5900	68	24	02	06	00	21	100	NF	W.N.L		
162	Sk Samzan	IA-23	1-Jan-1981	5-Apr-2006	42	163	53	Contractor Worker	B+	120	80	12.8	7200	70	23	02	05	00	19	78	NF	W.N.L		
163	Sristidhar Mahata	IA-24	15-Jul-1974	1-Jun-2004	49	167	64	Contractor Worker	O+	128	84	12.9	6400	68	24	02	06	00	14	70	NF	W.N.L		
164	Sunil Duley	IA-25	15-Jul-1978	1-May-2003	45	167	56	Contractor Worker	B+	112	76	11.9	5500	73	20	02	05	00	13	88	NF	W.N.L		
165	Sunil Karmokar	IA-26	1-Jul-1974	1-May-2003	49	156	50	Contractor Worker	B+	114	76	12.6	6200	64	29	02	05	00	15	90	NF	W.N.L		
166	Swapan Mahata	IA-27	5-Jan-1978	15-Mar-2006	45	169	70	Contractor Worker	A+	118	80	13.8	6400	70	23	02	05	00	12	92	NF	W.N.L	77/79	
167	Tarani Mahata	IA-28	15-Jul-1973	1-Jan-2005	50	182	68	Contractor Worker	AB+	120	80	12.9	5300	69	24	02	05	00	19	100	NF	W.N.L		
168	Thakurdas Mahata	IA-29	18-May-1986	15-Mar-2006	37	165	54	Contractor Worker	A+	120	80	14.2	8000	68	24	02	06	00	18	81	NF	W.N.L		
169	Wajed Ali Chaudhuri	IA-30	1-Jan-1977	12-Jun-2009	46	162	48	Contractor Worker	O+	122	82	12.0	6400	73	20	02	05	00	13	83	NF	W.N.L		
170	Ananda Mahata	IA-31	6-May-1977	2-Aug-2016	41	167	58	Contractor Worker	AB+	116	78	12.8	6400	64	29	02	05	00	13	93	NF	W.N.L		
171	Basanta Debsingha	IA-32	1-Jan-1984	4-Aug-2016	34	158	45	Contractor Worker	O+	114	76	14.2	6400	69	24	02	05	00	12	70	NF	W.N.L		
172	Md Dilwar Khan	IA-33	1-May-1990	3-Aug-2016	28	167	53	Contractor Worker	O+	118	80	13.6	7200	68	24	02	06	00	16	74	NF	W.N.L	82/84	
173	Manoranjon Mahata	IA-34	10-Jul-1989	5-Aug-2016	29	163	55	Contractor Worker	A+	120	80	13.4	6200	73	20	02	05	00	12	100	NF	W.N.L		
174	Amit Ray	IA-1	1-Jul-1981	20-Sep-2011	42	158	52	Contractor Worker	B+	122	80	13.0	7200	70	23	02	05	00	24	98	NF	W.N.L		
175	Buddhadev Mahata	IA-2	01-06-1988	20-12-2017	35	158	50	Contractor Worker		118	80	13.2	6400	68	24	02	06	00	16	90	NF	W.N.L		
176	Haru Mondal	IA-3	22-01-1979	09-05-2017	44	153	55	Contractor Worker		124	84	12.9	6200	64	29	02	05	00	10	88	NF	W.N.L		
177	Asit Mahata	IA-4	01-01-1990	09-08-2021	33	158	66	Contractor Worker		118	80	13.0	6300	68	24	02	06	00	13	86	NF	W.N.L		
178	Raju Dolai	IA-5	01-09-1994	11-01-2021	28	157	67	Contractor Worker		116	74	12.8	5800	70	23	02	05	00	20	98	NF	W.N.L		
179	Deepak Mahata	SUV-1	2-Jul-1985	1-Jun-2006	38	163	47	Contractor Worker	A+	118	80	12.0	5800	60	33	02	05	00	18	88	NF	W.N.L	77/80	
180	Karuk Mahata	SUV-2	1-Jan-1985	16-Jun-2006	38	170	58	Contractor Worker	A+	120	82	13.0	6400	69	24	02	05	00	12	76	NF	W.N.L	82/84	
181	Nanyan Chalak	SUV-5	1-Dec-1987	1-Jun-2006	35	167	54	Contractor Worker	O+	120	80	13.2	5600	73	20	01	06	00	16	92	NF	W.N.L	82/84	
182	Rajib Bhandari	SUV-6	14-Feb-1987	16-Jun-2006	36	153	44	Contractor Worker	A+	118	80	12.8	7100	49	42	03	06	00	15	87	NF	W.N.L	79/81	

DR. D.K. BHAKTA
 16/10/23
 Medical Officer
 MBBS (CAT)
 Reg. No. - 61987



Visaka Industries Limited
AC DIVISION-IV SALBONI, MIDNAPUR(W), WEST BENGAL

Details regarding the Asbestos sheets production & Qty of Asbestos used in process.

Year -2022-23 (Apr-22 to Sep-22)

Month	Asbestos sheets production (MT)	Qty of Asbestos used in process (MT)
Apr-22	9970.462	694.69
May-22	9804.334	679.283
Jun-22	9279.651	645.609
Jul-22	9486.714	656.406
Aug-22	9387.381	632.014
Sep-22	9126.746	574.86
Total	57055.288	3882.862

c. Contact person of Your Organization /unit

Name & designation:--

Biplab Banerjee
Asst. Works Manager

Details address:--

Changsole Mouza P.O.-Saiyedpur
P.S.-Salboni
Dist.-Paschim Medinipur
Pin-721147 (W.B.)

District:--

Paschim Medinipur

E-mail address:--

biplab.banerjee@visaka.in

Fax No:--

03227/285854

Telephone:--

8170064048

Signature of the
authority (seal &
date)

For VISAKA INDUSTRIES LTD.

Biplab Banerjee
(Asst. Works Manager)

MINISTRY OF ENVIRONMENT & FORESTS.

EASTERN REGIONAL OFFICE

194, KHARVEL NAGAR, BHUBANASWAR-751 001.

FORMAT FOR PROVIDING PARTICULARS ON GREEN BELT PLANTATION
UNDER F© ACT 1980 AND E(P) ACT 1986.

1. a) Name of the organization : Visaka Industries Ltd.
b) Env/ Forest clearance order Nos : J- 11011/3/2004-1A 11(1) dt 24/2/06
2. Location , Block/ Sub.Divn./ Dist./
State : Mouza- Changsole, Post- Saiyedpur
P.S.- salboni. West Midnapur. 721147
3. Address for communication : As above
4. Existing vegetation in the area/ region
a) Species(tress/shrubs/grasses climbers) : Attached
b) Major prevalent species of each type. : Attached
5. Land coverage by the project
a) Total area under the project : 30 Acres
b) Area covered for basic infra Structure : 11 Acres
(roads/building/Factory etc)
6. Details about natural vegetation
a) Name and number of tree/
species felled. : Beneya 02 nos , Neem 10 nos, Eucalyptus 25 nos
b) Name and number of plant : As above
species still available [Akashmoni -11 nos, Krisnachura- 20 nos , Asoka -28 nos, Palm
in the area Tree- 2 nos , Mango Trees -45 nos]
c) By protecting the area will : Yes
Indigenous stock come up ?
d) Extent of green belt developed. : 17 Acres
7. Plantations required to be carried
Out as per.
a) Conditions of Environmental : Followed Env. Act 1986
Clearance in ha. /nos
b) Conditions of forest C Act. : N.A.
Clearance in ha. /nos
c) Voluntarily in ha. /nos. : N.A.

8.Plantation

a) Total area available for
plantation in each category

i)Green belt	ii)Demos	iii)Back filled areas.	iv)Road sides	v) Block plantation
62948 SqM	100 Sqm	-----	1200 Sqm	1000SqM

b) Plantation details. (Category wise & methodology used)

Year of Plantation.	Specifics Planted.	Spacing.	Height attained.	Total area covered.	Area still available.
------------------------	--------------------	----------	---------------------	------------------------	--------------------------

.....AttachedAttached

C) Survival % of Plantation

Total Plantation	-- 15950
Survival (No)	--15111
Survival %	--94.73

9. Agency carrying out plantation and
Maintenance.

: Laxmi Janadhan Rose Garden Propitor,
Propitor:-- Subendu Kr. Mondal.

10. Financial details (year wise)

Plantation wise and item wise

SL No	Year	Funds allocated	Expenditure made	Average cost of each surviving Plant
1	2022-23 (Apr-22 to Sep-22)	2,10,000	3,42,109	22.63 Rs/-

10. Inspection of plantation by
Field experts and their comments
And follow up action.

: Some of the plants at south-east side growth is less, we have called -
expert and ask for his suggestion, as per his version due to water
Logging plant growth is not expected level so that we made small
Drainages in the water logging area. After that there is a
improvement of plant growth.

:- And also we have developed a tea garden in south side of plant
in approx. 1.5 acre land with the guidance of Expert professional
of IIT, Kharagpur & as per their observation it is the best quality
tea in south Bengal region.

11. Remarks / any others information (Density)

: 0.26 Nos/SqM

Signature of the office in charge

For VISAKA INDUSTRIES LTD.

Biplab Banerjee
(Asst. Works Manager)

4. EXISTING VEGETATION AREA IN THE AREA / REGION

a) Species (Tree / Shrubs / Grasses / Climbers) :

b) Major prevalent species of each type.

1. Trees : Mango, Guava, Coconut, Eucalyptus, Teak wood, Badam, cashew, chiku, mehangene, jackfruit, Banana, Lemon, Palm etc.

2. Grasses : Chinese grass.Citronila

3. Shrubs : Bougainvillea

4. Climbers : Cucumber

8. PLANTATION DETAILS (Category and Methodology used)

Year of Plantation	Species planted	Spacing	Height attained	Total area Covered	Area still available
2021-22	20	10 feet	12 feet	557 SqM	
					951 Sqm

c). Survival of plantation

FY-22-23 (up to Sep-22)

Total Plantation

40

Survival Nos

38

Survival %

95.00

STATEMENT FOR PLANT'S PLANTATION FROM
2022-2023 (Apr-22 to Sep-22)

YEAR	NO OF PLANTS	LOCATION	VARIETY	COST
2022-23	25	Near Tea Garden,	Mango, Guava, Jack fruit,	6890
TOTAL - 25		TOTAL-6890		
FOR Six MONTHS MAINTENANCE COST			3,42,109	
TOTAL			3,48,999	



For VISAKA INDUSTRIES LTD.

Biplab Banerjee
(Asst. Works Manager)



VISAKA INDUSTRIES LIMITED
AC DIVISION-IV SALBONI, MIDNAPUR(W), WEST BENGAL

PART:- A

The details of energy conservation on running the pollution control equipment is given below.

	FY-2021-22 (Oct-21 to Mar-22)		FY-2022-23 (Apr-21 to Sep-22)	
	Energy Consumption	Value (Rs)	Energy Consumption	Value (Rs)
On dust collector running-Fibre	12432.78452 KWH/Yr	Rs. 1.06 Lac	12792.55 KWH/Yr	Rs. 1.09 Lac
-Cement	4422.26 KWH/Yr	Rs. 0.38 Lac	4363.62 KWH/Yr	Rs. 0.37 Lac
Fly ash	1412.18 KWH/Yr	Rs. 0.12 Lac	1315.49 KWH/Yr	Rs. 0.11 Lac
Wet ball mill and sludge recycling	36112.8 KWH/Yr	Rs. 3.07 Lac	39856.2 KWH/Yr	Rs. 3.39 Lac
Fiber bag opener & shredder	14702.05 KWH/Yr	Rs. 1.25 Lac	15127.47 KWH/Yr	Rs. 1.29 Lac
Centralised vacuum Cleaner	3854.43 KWH/Yr	Rs. 0.33 Lac	4545.16 KWH/Yr	Rs. 0.39 Lac
Total	72936.500 KWH/Yr	Rs. 6.20 Lac	78000.490 KWH/Yr	Rs. 6.63 Lac

PART- B

Additional measures / investment proposal for enviromental protection including abatment of Pollution , prevention of pollution

Additional investment proposal for environmental protection including abatment of pollution:-

Sr. no	Budget ahead	FY-2021-22 (Oct-21 to Mar-22)	FY-2022-23 (Apr-21 to Sep-22)
1	Capital Investment out lay & Utilised	Rs. -----	Rs. -----
2	Recurring Expenditure:-		
	Chemical	-----	-----
	Power	Rs. 6,19,960	Rs. 6,63,004
	Manpower	Rs. 18,37,767	Rs. 24,78,829
	Training	Rs. 12,000	Rs. -----
	Sample Testing	Rs. 1,60,628	Rs. 1,15,398
	Consumables	Rs. 3,23,639	Rs. 1,51,825
3	WBPCB administrating expenses (Concent fee, Lab, Fine etc)	Rs. 2,61,421	Rs. 29,560
4	Legal Issues	Rs. -----	Rs. -----
5	Miscellaneous (Plant +Fertilizer purchase)	Rs. 54,095	Rs. 6,890
	Total	3,269,510	3,445,506

Thanks & Regards
Biplab Banerjee
(Asst. Works Manager)
Visaka Industries Limited
W.B.

For VISAKA INDUSTRIES LTD.

Biplab Banerjee
(Asst. Works Manager)



1/11/11

Environment Monitoring Equipment Details:

Sl. No.	Equipment Name	Quantity	Make	For Measuring
1	High Volume Sampler	3	Envirotech APM 460 BL	Ambient Air Quality
2	Personal/Static Sampler	2	Envirotech APM 800	Fibre Count
3	Lux Metre	1	MEXTECH LX-100B	Illumination
4	Sound Metre	1	Lutron SL-4010	Noise Level
5	Hygrometer	1		Humidity

Environment Protection Equipment Details:

Sl. No.	Equipment Name	Quantity	Make	For Protecting
1	Cement Dust Collector	1	Rieco Industries Limited	Online Cement Dust
2	Fibre Dust Collector	1	Rieco Industries Limited	Online Fibre Dust
3	Fly Ash Dust Collector	1	Rieco Industries Limited	Online Fly Ash Dust
4	Central Vacuum Cleaner	1	Rieco Industries Limited	Collecting Spilled Fibre
5	Portable Vacuum Cleaner	1	Roots Multiclean (Sote Co BASE 303)	Collecting Spilled Fibre

For VISAKA INDUSTRIES LTD.

Biplab Banerjee
(Asst. Works Manager)

ENVIRONMENT MONITRONG CELL

VISAKA INDUSTRIES LIMITED, SALBONI MIDNAPUR

Sl. No	Name	Designation	Education	E-Mail	
1	Biplab Banerjee	Asst. Works Manger	Diploma in Mechanical Engineering	biplab.banerjee@visaka.in	Chairmen
2	Dipankar Mahanty	Manager-Mechanical	Diploma in Mechanical Engineering	dipankar.mahanty@visaka.in	Secretary
3	Amitava.Patra	officer QC	Diploma in auto mobile	amitava.patra@visaka.in	Member
4	Subrata Santra	officer QC	BA	quality.midnapur@visaka.in	Member
5	Sibaprasad Hati	Officer HRD	MBA (HR)	sibaprasad.hati@visaka.in	Member
6	Buddhadev Paramanik	Asst. Manager (Mech.)	Diploma Mechanical	mechanical.midnapur@visaka.in	Member
7	Satya Nath Panda	Asst. Manager (Electrical)	Diploma Electrical	Satyanath.panda@visaka.in	Member
8	Sanjay Bajoria	Officer (Stores)	B.Com	Sanjay.bajuria@visaka.in	Member
9	Koushik Ghosh	Asst. Officer(Despatch)	M.A	Koushik.ghosh@visaka.in	Member
10	Somnath Amboli	Asst. Manager (Production)	Diploma Mechanical	somnath.amboli@visaka.in	Member
11	Ashok Shaw	Operator (Production)	ITI (Diesel Mechanical)		Member
12	Manoj Mahato	Electrician (Electrical)	ITI (Electrical)		Member
13	Jagabandhu Mahato	Welder(Mechanical)	ITI (Welder)		Member
14	Ganesh Das	Pharmacist	D. Pharma		Member
15	Tapan Mahato	Casual Labour (EHS)			Member



For VISAKA INDUSTRIES LTD.

Biplab Banerjee
(Asst. Works Manager)

FORM 4

[See Rules 9(3) and 10(5)]

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

PERMIT FOR SINKING OF NEW WELL[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources
(Management, Control and Regulation) Act 2005.]

035027

PERMIT NO. P142842700092000000ITSE

1. (a) Name of the applicant (user)
- (b) Son/Daughter of
- (c) Address of the applicant
- (d) Category of farmer (Please tick)
(in case of irrigation well)
- (e) Serial No. of application Form
and date of submission
- (f) Specimen signature of the user

Shri/Smt. VISAKA INDUSTRIES LTD.Salboni, Changsole

Small Farmer/Marginal Farmer/Other

BA/B 0191, SL-79, Dt-04/09/2017

2. Location particulars—

- (a) District
- (b) Block, Mouza, J. L. No., Plot No.
- (c) Municipality/Corporation
Ward No./Borough No., Holding No.

Paschim Medinipur
Salboni, Changsole, 427, 92

3. Particulars of the proposed well and pumping device—

- (a) Type of the well
- (b) Approx. depth of the well (m)
- (c) Purpose of the well
- (d) Assembly size (for tube well)
- (e) Approx. strainer length (for tube well)
- (f) Diameter (for dug well)
- (g) Type of pump to be used
- (h) H. P. of the pump
- (i) Operational device
- (j) Rate of withdrawal (m³/hr.)
- (k) Maximum allowable running hours per day

T. W.
120 m
Industrial
150 mm X 100 mm
18 m
m
Submersible
7.5 H.P.
Electric
22 m³/hr
4 Hours

This permit authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3)(j) and for running hours/day as shown at Sl. (3)(k), and is valid subject to the observance of the conditions stated overleaf.

Place: W. MidnaporeDate: 3-11-2017

Conditions:

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at Sl. (2) and (3) shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this permit.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.

Office of the Geologist
Geological Sub-Div. No. 1/A, S.W.D.
OFFICE
Member Secretary, D.L.A.
Paschim Medinipur

Chinnaji Roy 3/11/17
Signature of the Issuing Authority
and Designation

Geologist
Geological Sub-Div. No. 1/A

S.W.D. Medinipur
Member Secretary, D.L.A.
Paschim Medinipur

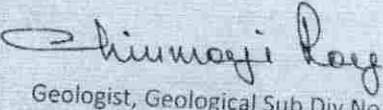
Office of the Geologist
Geological Sub-Div. No. 1/A, S.W.D.
OFFICE
Member Secretary, D.L.A.
Paschim Medinipur

P.T.O. For Conditionality

SPL/000/09-10/1,00,000

Conditionality for Package Drinking Water Projects and Industries/Infrastructures:

1. Roof Top Rain Water Harvesting for Surface Storage :-
 - A. A Provision for Roof Top rain Water Harvesting is a must that should be kept within the industrial campus area.
 - B. At least 20% of the roof top areas of the industrial building are required to be brought under RWH programme.
 - C. Rain water is required to be collected in a surface storage reservoir (concrete) through a number of pipelines from roofs.
 - D. The roof top rain water collected should be utilized in-
 - i) Washing and cleaning purpose within the entire campus area.
 - ii) Plantations and gardening.
 - iii) Flushing in the toilets.
 - iv) To fulfill any other industrial needs.
 - E. i) Artificial Recharging Techniques into groundwater through any kind of recharge shafts/ filter points should not be allowed strictly by any user.
ii) Drinking water provisions through RWH structures should not be made.
2. Excavation of Pond of size 150 ft x 50 ft with 2 m. depth.
3. Chemical Quality Test Report from Govt./Semi-Govt. approved Laboratory in each year to be submitted to the Geologist & Member Secretary, D.L.A., Paschim Medinipur.
4. The Permit Certificate will be reviewed in every year from the date of issuance of Permit- based on local hydrogeological conditions that may prevail afterwards.
5. Arrangement of Water Meter at the outlet of Tube Well discharge and a logbook to be monitored by Govt. Officials as assigned by the D.L.A. to ascertain the quantity of water utilize (daily log book to be maintained by the users.)
6. The enhanced rate if any in future (including the rates revised retrospectively) of fees/charges/taxes for drawls of ground water on annual basis, should be borne by the applicants for operating their tube wells in a continuous manner.

 3/11/17
Geologist, Geological Sub Div No. IA
S.W.I.D., Paschim Medinipur
&
Member Secretary, DLA, Paschim Medinipur

FORM 4

[See Rules 9(3) and 10(5)]

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

PERMIT FOR SINKING OF NEW WELL[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources
(Management, Control and Regulation) Act 2005.]

035028

PERMIT NO. P142843000001000000ITSE

1. (a) Name of the applicant (user)
- (b) Son/Daughter of
- (c) Address of the applicant
- (d) Category of farmer (Please tick)
(in case of irrigation well)
- (e) Serial No. of application Form
and date of submission
- (f) Specimen signature of the user

Shri/Smt. VISAKA INDUSTRIES LTD

Salboni, Krishnapur

Small Farmer/Marginal Farmer/Other

BP/B 0191, SL-80, Dt-04/09/2017

2. Location particulars—

- (a) District
- (b) Block, Mouza, J. L. No., Plot No.
- (c) Municipality/Corporation
Ward No./Borough No., Holding No.

Paschim Medinipur

Salboni, Krishnapur, 430, 1

3. Particulars of the proposed well and pumping device—

- (a) Type of the well
- (b) Approx. depth of the well (m)
- (c) Purpose of the well
- (d) Assembly size (for tube well)
- (e) Approx. strainer length (for tube well)
- (f) Diameter (for dug well)
- (g) Type of pump to be used
- (h) H. P. of the pump
- (i) Operational device
- (j) Rate of withdrawal (m³/hr.)
- (k) Maximum allowable running hours per day

T.W.

120 m

Industrial

150 mm.X 100mm.

18 m.

m.

Submersible

7.5 H.P.

Electric

22 m³/hr

3 Hours

This permit authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3)(j) and for running hours / day as shown at Sl. (3)(k), and is valid subject to the observance of the conditions stated overleaf.

Place: Midnapore

Date: 3-11-2017

Office of the Geologist
Geological Sub-Div. No. - I/A, S.W.D.,OFFICE
Member Secretary, D.L.A.
Paschim MedinipurChinmaji Roy
Signature of the Issuing Authority
and DesignationGeologist
Geological Sub-Div. No. - I/A

S.W.D., Medinipur

Member Secretary, D.L.A.

Paschim Medinipur

Conditions:

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at Sl. (3)(j) and for running hours / day as shown at Sl. (3)(k), and is valid subject to the observance of the conditions stated overleaf.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be false or incorrect at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.

SPL/000/09-10/1,00,000

3/11/2017

Office of the Geologist
Geological Sub-Div. No. - I/A, S.W.D.,SEAL
Member Secretary, D.L.A.
Paschim Medinipur

P.P.O. For Conditionality

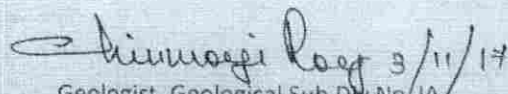
Conditionality for Package Drinking Water Projects and Industries/Infrastructures:

1. Roof Top Rain Water Harvesting for Surface Storage :-

- A. A Provision for Roof Top rain Water Harvesting is a must that should be kept within the industrial campus area.
- B. At least 20% of the roof top areas of the industrial building are required to be brought under RWH programme.
- C. Rain water is required to be collected in a surface storage reservoir (concrete) through a number of pipelines from roofs.
- D. The roof top rain water collected should be utilized in-
 - i) Washing and cleaning purpose within the entire campus area.
 - ii) Plantations and gardening.
 - iii) Flushing in the toilets.
 - iv) To fulfill any other industrial needs.
- E. i) Artificial Recharging Techniques into groundwater through any kind of recharge shafts/ filter points should not be allowed strictly by any user.
ii) Drinking water provisions through RWH structures should not be made.

2. Excavation of Pond of size 150 ft x 50 ft with 2 m. depth.

- 3. Chemical Quality Test Report from Govt./Semi-Govt. approved Laboratory in each year to be submitted to the Geologist & Member Secretary, D.L.A., Paschim Medinipur.
- 4. The Permit Certificate will be reviewed in every year from the date of issuance of Permit- based on local hydrogeological conditions that may prevail afterwards.
- 5. Arrangement of Water Meter at the outlet of Tube Well discharge and a logbook to be monitored by Govt. Officials as assigned by the D.L.A. to ascertain the quantity of water utilize (daily log book to be maintained by the users.)
- 6. The enhanced rate if any in future (including the rates revised retrospectively) of fees/charges/taxes for drawls of ground water on annual basis, should be borne by the applicants for operating their tube wells in a continuous manner.


Geologist, Geological Sub DN No. 1A/
S.W.I.D., Paschim Medinipur
&
Member Secretary, DLA, Paschim Medinipur

FORM 4

[See Rules 9(3) and 10(5)]

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

PERMIT FOR SINKING OF NEW WELL[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources
(Management, Control and Regulation) Act 2005.]

005026

PERMIT NO. **P1428430000470000001TSE**

1. (a) Name of the applicant (user)
- (b) Son/Daughter of
- (c) Address of the applicant
- (d) Category of farmer (Please tick)
(in case of irrigation well)
- (e) Serial No. of application Form
and date of submission
- (f) Specimen signature of the user

Shri/Smt. **VISAKA INDUSTRIES LTD.****Salboni, Krishnapur**

Small Farmer/Marginal Farmer/Other

BP/B 0191, SL-78, Dt-04/09/2017

2. Location particulars—

- (a) District
- (b) Block, Mouza, J. L. No., Plot No.
- (c) Municipality/Corporation
Ward No./Borough No., Holding No.

Paschim Medinipur**Salboni, Krishnapur, 430, 47**

3. Particulars of the proposed well and pumping device—

- (a) Type of the well
- (b) Approx. depth of the well (m)
- (c) Purpose of the well
- (d) Assembly size (for tube well)
- (e) Approx. strainer length (for tube well)
- (f) Diameter (for dug well)
- (g) Type of pump to be used
- (h) H. P. of the pump
- (i) Operational device
- (j) Rate of withdrawal (m³/hr.)
- (k) Maximum allowable running hours per day

T. W.**120 m****Industrial****150 mm X 100 mm.****18 m.****m.****Submersible****7.5 H.P.****Electric****22 m³/hr.****3 Hours**

This permit authorizes the owner applicant (user) to sink a well in the location specified at Sl. (2) for extraction of ground water at a rate not exceeding that as shown at Sl. (3)(j) and for running hours / day as shown at Sl. (3)(k), and is valid subject to the observance of the conditions stated overleaf.

Place: **Midnapore**Date: **3-11-2017****Conditions:**

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at Sl. (2) and (3) shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this permit.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.

Office of the Geologist
Geological Sub-Div. No. - I/A, S.W.D.,**SEAL &****Member Secretary, D.L.A.****Paschim Medinipur**

Chinnappa Roy 3/11/17
Signature of the Issuing Authority
and Designation.

Geologist
Geological Sub-Div. No. - I/A
S.W.D., Medinipur
Member Secretary, D.L.A.
Paschim Medinipur

Office of the Geologist
Geological Sub-Div. No. - I/A, S.W.D.,**OFFICE****Member Secretary, D.L.A.**
Paschim Medinipur**P.T.O. for Conditionality**

SPL/000/09-10/1,00,000

03/11/2017

Conditionality for Package Drinking Water Projects and Industries/Infrastructures:

1. Roof Top Rain Water Harvesting for Surface Storage :-
 - A. A Provision for Roof Top rain Water Harvesting is a must that should be kept within the industrial campus area.
 - B. At least 20% of the roof top areas of the industrial building are required to be brought under RWH programme.
 - C. Rain water is required to be collected in a surface storage reservoir (concrete) through a number of pipelines from roofs.
 - D. The roof top rain water collected should be utilized in-
 - i) Washing and cleaning purpose within the entire campus area.
 - ii) Plantations and gardening.
 - iii) Flushing in the toilets.
 - iv) To fulfill any other industrial needs.
 - E. i) Artificial Recharging Techniques into groundwater through any kind of recharge shafts/ filter points should not be allowed strictly by any user.
ii) Drinking water provisions through RWH structures should not be made.
2. Excavation of Pond of size 150 ft x 50 ft with 2 m. depth.
3. Chemical Quality Test Report from Govt./Semi-Govt. approved Laboratory in each year to be submitted to the Geologist & Member Secretary, D.L.A., Paschim Medinipur.
4. The Permit Certificate will be reviewed in every year from the date of issuance of Permit- based on local hydrogeological conditions that may prevail afterwards.
5. Arrangement of Water Meter at the outlet of Tube Well discharge and a logbook to be monitored by Govt. Officials as assigned by the D.L.A. to ascertain the quantity of water utilize (daily log book to be maintained by the users.)
6. The enhanced rate if any in future (including the rates revised retrospectively) of fees/charges/taxes for drawls of ground water on annual basis, should be borne by the applicants for operating their tube wells in a continuous manner.

Chinmoyi Roy 3/11/14
Geologist, Geological Sub Div No. 1A

S.W.I.D., Paschim Medinipur

&

Member Secretary, DLA, Paschim Medinipur



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

Report No: ICI/HL/W/RN-1097/2022

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed
				Desirable Limit	Permissible limit in the absence of alternate source	
19	Phosphate as P	mg/L	<0.02	-	-	APHA 23 rd Edition 4500P D
20	Silica as SiO ₂	mg/L	39.0	-	-	IS 3025(Part-33): 1988 RA 2019 APHA 23 rd Edition 4500 Si C
21	Fluoride as F	mg/L	<0.04	1 (Max)	1.5 (Max)	IS 3025(Part-60): 2008 RA 2019 APHA 23 rd Edition 4500 F D
22	Manganese as Mn	mg/L	<0.1	0.1 (Max)	0.3 (Max)	APHA 23 rd Edition 3111 B
PARAMETERS CONCERNING TOXIC SUBSTANCES						
23	Arsenic as As	mg/L	<0.01	0.01 (Max)	0.05 (Max)	APHA 23 rd Edition 3500 As B

Remarks:

Chemical test Parameters: **Compliance** – The test parameters except Turbidity is within desirable limit as per specification IS 10500:2012 however the value of Turbidity is within permissible limit in the absence of alternate source as per specification IS 10500:2012

Prepared By: N. Mandal

Checked By: A. Parra

For, INDICATIVE CONSULTANT INDIA



Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
1. Information provided by customer
 2. Sample is drawn by M/s. Indicative Consultant India
 3. Sample submitted and identified by customer as: N.A.
 4. Test results shown in this test report relate only to the sample (s) only
 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions
 6. The reproduction of the report except in full is invalid without written approval of the laboratory
 7. Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 8. Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified
 9. Location of Testing: Haldia Laboratory

-----End of Report-----

Page 2 of 2



INDICATIVE CONSULTANT INDIA



(GOVT. REGISTERED TEST HOUSE)



9001:2015



45001:2018

EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

TEST REPORT

Date: 08.07.2022	Report No: ICI/HL/W/RN-1097/2022	Format No: ICI/FM/H/67
Customer Name	M/s. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mouza: - Changsole, Vill. - P.O. - Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	Sampling Date
#Customer Representative Name & Contact Number	Mr. Sunil Chanda Mob. No. 8170064044	Sampling Time
#Work Order No.	39640 Dtd. 02.06.2022	Analysis Start Date
#Sample Description	DRINKING WATER	Analysis complete Date
Sample Condition	In Plastic Bottle & Glass Bottle	
Sampling Method	IS:3025 (Part I): 1987 (RA 2019), APHA 23 rd ed 2017	
Test Method	APHA 23 rd ed 2017, IS:3025	
# Location	BOREWELL NO. - 1	
Material Specification	IS 10500: 2012	

Towards Sustainable Growth

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed
				Desirable Limit	Permissible limit in the absence of alternate source	
ORGANOLEPTIC AND PHYSICAL PARAMETERS						
1	Appearance	-	Clear	-	-	IS 3025(Part-5): 2018
2	Odour	-	Agreeable	Agreeable	Agreeable	APHA 23 rd Edition 2150 B
3	pH (at 27°C)	-	6.55	6.5 to 8.5	No Relaxation	IS 3025(Part-1): 1983 RA 2017 APHA 23 rd Edition 4500-11 B
4	Colour	Hazen Unit	<5.0	5	15	IS 3025(Part-4): 1983 RA 2017
5	Conductivity	µS/cm	119.6	-	-	IS 3025(Part-14): 1984 RA 2019 APHA 23 rd Edition 2510 B
6	Turbidity	N.T.U.	3.3	1 (Max)	5 (Max)	IS 3025(Part-10): 1984 RA 2017 APHA 23 rd Edition 2130 B
7	Total Dissolved Solid (TDS)	mg/L	96.0	500 (Max)	2000 (Max)	IS 3025(Part-16): 1984 RA 2017 APHA 23 rd Edition 2540 C
GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS						
8	Total Hardness as CaCO ₃	mg/l	46.8	200 (Max)	600 (Max)	IS 3025(Part-21): 2009 RA 2019 APHA 23 rd Edition 2340 C
9	Ca Hardness as CaCO ₃	mg/L	32.2	-	-	APHA 23 rd Edition 2340 C
10	Mg Hardness as CaCO ₃	mg/L	14.6	-	-	APHA 23 rd Edition 2340 C
11	Calcium as Ca	mg/l	12.9	75 (Max)	200 (Max)	IS 3025(Part-40): 1991 RA 2014 APHA 23 rd Edition 3500 a B
12	Magnesium as Mg	mg/L	3.6	30 (Max)	100 (Max)	IS 3025(Part-46): 1994 RA 2019 APHA 23 rd Edition 3500 Mg B
13	Chloride as Cl	mg/l	12.7	250 (Max)	1000 (Max)	IS 3025(Part-52): 1988 RA 2019 APHA 23 rd Edition 4500 C B
14	Total Alkalinity as CaCO ₃	mg/L	44.2	200 (Max)	600 (Max)	IS 3025(Part-23): 1986 RA 2019 APHA 23 rd Edition 2320 B
15	P-Alkalinity as CaCO ₃	mg/L	Nil	-	-	APHA 23 rd Edition 2320B
16	M-Alkalinity as CaCO ₃	mg/L	44.2	-	-	APHA 23 rd Edition 2320B
17	Iron as Fe	mg/l	0.12	0.3 (Max)	No Relaxation	IS 3025(Part-53): 2003 RA 2019 APHA 23 rd Edition 3500-11 B
18	Sulfate as SO ₄	mg/L	<1.5	200 (Max)	400 (Max)	IS 3025(Part-24): 1986 RA 2019 APHA 23 rd Edition 4500 SO ₄ A



Page: 1 of 2



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com



Report No: ICI/HL/W/RN-1098/2022

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed
				Desirable Limit	Permissible limit in the absence of alternate source	
19.	Phosphate as P	mg/L	<0.02	-	-	APHA 23 rd Edition 4500P D
20.	Silica as SiO ₂	mg/L	35.9	-	-	IS 3025(Part-35) 1988 RA 2019 APHA 23 rd Edition 4500 SiO ₂ C
21.	Fluoride as F	mg/L	<0.04	1 (Max)	1.5 (Max)	IS 3025(Part-60) 2008 RA 2019 APHA 23 rd Edition 4500 F L
22.	Manganese as Mn	mg/L	<0.1	0.1 (Max)	0.3 (Max)	APHA 23 rd Edition 3111 B
PARAMETERS CONCERNING TOXIC SUBSTANCES						
23.	Arsenic as As	mg/L	<0.01	0.01 (Max)	0.05 (Max)	APHA 23 rd Edition 3500 As B

Remarks:

Chemical test Parameters: **Compliance** - The test parameters except Turbidity is within desirable limit as per specification IS 10500:2012 however the value of Turbidity is within permissible limit (in the absence of alternate source as per specification IS 10500:2012)

Prepared By: N. Mondal

Checked By: A. Mitra

For: INDICATIVE CONSULTANT INDIA



Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
1. Information provided by customer
 2. Sample is drawn by M/s. Indicative Consultant India
 3. Sample submitted and identified by customer as: N.A.
 4. Test results shown in this test report relate only to the sample (s) only
 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions
 6. The reproduction of the report except in full is invalid without written approval of the laboratory
 7. Once issued, the test report certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 8. Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified
 9. Location of Testing: Haldia Laboratory

-----End of Report-----

Page 2 of 2



Page: 1 of 2

Sl. No.	Parameters	Unit	Result	Desirable Limit	Permissible limit in the absence of alternate source	Method Followed
1	Appearance	-	Clear	-	-	IS 3025:Part-31:2018
2	Odour	-	Agreeable	Agreeable	Agreeable	APHA 2.5 th Edition: 2150 B
3	pH (at 27°C)	-	6.50	6.5 to 8.5	No Relaxation	APHA 2.5 th Edition: 4500 H
4	Colour	Hz/cm	<5.0	5	15	IS 3025:Part-41: 1984 RA 2019
5	Conductivity	µS/cm	113.7	-	-	APHA 2.5 th Edition: 2510 B
6	Turbidity	NTU	3.3	1 (Max)	5 (Max)	IS 3025:Part-16: 1984 RA 2019
7	Total Dissolved Solid (TDS)	mg/L	90.0	500 (Max)	2000 (Max)	APHA 2.5 th Edition: 2540 C
8	Total Hardness as CaCO ₃	mg/L	45.7	200 (Max)	600 (Max)	IS 3025:Part-21: 2009 RA 2019
9	Ca Hardness as CaCO ₃	mg/L	31.2	-	-	APHA 2.5 th Edition: 2540 C
10	Mg Hardness as CaCO ₃	mg/L	14.5	-	-	APHA 2.5 th Edition: 2540 C
11	Calcium as Ca	mg/L	12.5	75 (Max)	200 (Max)	IS 3025:Part-40: 1991 RA 2019
12	Magnesium as Mg	mg/L	3.5	30 (Max)	100 (Max)	IS 3025:Part-46: 1994 RA 2019
13	Chloride as Cl	mg/L	10.8	250 (Max)	1000 (Max)	APHA 2.5 th Edition: 4500 H
14	Total Alkalinity as CaCO ₃	mg/L	42.2	200 (Max)	600 (Max)	IS 3025:Part-25: 1986 RA 2019
15	P-Alkalinity as CaCO ₃	mg/L	-	-	-	APHA 2.5 th Edition: 2520 B
16	M-Alkalinity as CaCO ₃	mg/L	42.2	-	-	APHA 2.5 th Edition: 2520 B
17	Iron as Fe	mg/L	0.09	0.3 (Max)	No Relaxation	IS 3025:Part-51: 2003 RA 2019
18	Sulfate as SO ₄	mg/L	<1.5	200 (Max)	400 (Max)	APHA 2.5 th Edition: 4500 SO ₄ L

GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS

ORGANOLEPTIC AND PHYSICAL PARAMETERS

Date: 08/07/2022	Report No: ICE/HPL/W/RN-1098/2022	Format No: ICE/FM/H/67
Customer Name	M/S. VISAKA INDUSTRIES LTD.	Sample ID No
Address	Mouzar - Changsok, Vill. - P.O. - Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	Sampling Date
Customer Representative	Mr. Sunil Chanda	Sampling Time
Name & Contact Number	Mob. No. 8170064044	Analysis Start Date
Work Order No.	39640 Pnd 02.06.2022	Analysis complete Date
Sample Description	DRINKING WATER	
Sample Condition	In Plastic Bottle & Glass Bottle	
Sampling Method	IS:3025 (Part 1): 1987 (RA 2019), APHA 23 rd ed 2017	
Test Method	APHA 23 rd ed 2017, IS 3025	
# Location	BOREWELL NO. - 2	
Material Specification	IS 10500: 2012	

TEST REPORT

EMAIL: indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com



(GOVT. REGISTERED TEST HOUSE)



INDICATIVE CONSULTANT INDIA

Towards Sustainable Growth



INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)



AIL indicativeconsultantindia@gmail.com / indicativeconsultantindia.kol@gmail.com

Report No: ICI/HL/W/RN-1099/2022

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012		Method Followed
				Desirable Limit	Permissible limit in the absence of alternate source	
19.	Phosphate as P	mg/l.	<0.02	-	-	APHA 23 rd Edition 4500P-D
20.	Silica as SiO ₂	mg/L.	36.2	-	-	IS 3025(Part-35): 1988 RA 2019 APHA 23 rd Edition 4500 SiO ₂ -C
21.	Fluoride as F	mg/l.	<0.04	1 (Max)	1.5 (Max)	IS 3025(Part-60): 2008 RA 2019 APHA 23 rd Edition 4500 F-D
22.	Manganese as Mn	mg/L.	<0.1	0.1 (Max)	0.3 (Max)	APHA 23 rd Edition 3111 B
PARAMETERS CONCERNING TOXIC SUBSTANCES						
23.	Arsenic as As	mg/L.	<0.01	0.01 (Max)	0.05 (Max)	APHA 23 rd Edition 3500As-B

Remarks:

Chemical test Parameters. **Compliance** – The above mentioned test parameters are within desirable limit as per specification IS:10500:2012

Prepared By: N. Mondal

Checked By: A. Patra

For. INDICATIVE CONSULTANT INDIA



Test Witnessed By: Nil (Sampling was done in front of customer representatives)
Estimated Uncertainty: Not Required

- Note:
1. * Information provided by customer
 2. Sample is drawn by M/s. Indicative Consultant India
 3. Sample submitted and identified by customer as: N.A.
 4. Test results shown in this test report relate only to the sample (s) only
 5. The test results referred in test report are based on observations & measurements under the stated environmental conditions
 6. The reproduction of the report except in full is invalid without written approval of the laboratory
 7. Once issued, the test report/certificate is in public domain and laboratory is not responsible for the authenticity of photocopied test report
 8. Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified
 9. Location of Testing: Haldia Laboratory

Page 2 of 2

-----End of Report-----



Sl. No.	Parameters	Unit	Result	Desirable Limit	Permissible limit in the absence of alternate source	Method Followed
1	Appearance	-	Clear	-	-	-
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 Part-5: 2018
3	pH (at 27°C)	-	6.52	6.5 to 8.5	No Relaxation	APHA 23 rd Edition 1983 RA 2017 IS 3025 Part-11: 1983 RA 2017
4	Colour	Hazen Unit	<5.0	5	15	IS 3025 Part-14: 1984 RA 2019 APHA 23 rd Edition 2510 B
5	Conductivity	µS/cm	85.77	-	-	IS 3025 Part-14: 1984 RA 2019 APHA 23 rd Edition 2510 B
6	Turbidity	N.T.U.	<1.0	1 (Max)	5 (Max)	IS 3025 Part-10: 1984 RA 2017 APHA 23 rd Edition 2130 B
7	Total Dissolved Solid (TDS)	mg/L	70.0	500 (Max)	2000 (Max)	APHA 23 rd Edition 2540 C IS 3025 Part-16: 1984 RA 2017
GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS						
8	Total Hardness as CaCO ₃	mg/L	32.2	200 (Max)	600 (Max)	IS 3025 Part-21: 2009 RA 2019 APHA 23 rd Edition 2540 C
9	Ca Hardness as CaCO ₃	mg/L	22.9	-	-	APHA 23 rd Edition 2540 C
10	Mg Hardness as CaCO ₃	mg/L	9.3	-	-	APHA 23 rd Edition 2540 C
11	Calcium as Ca	mg/L	9.2	75 (Max)	200 (Max)	IS 3025 Part-40: 1991 RA 2014 APHA 23 rd Edition 3500 a B
12	Magnesium as Mg	mg/L	2.3	30 (Max)	100 (Max)	IS 3025 Part-46: 1992 RA 2019 APHA 23 rd Edition 3500 V B
13	Chloride as Cl	mg/L	9.2	250 (Max)	1000 (Max)	IS 3025 Part-52: 1988 RA 2019 APHA 23 rd Edition 4500 C B
14	Total Alkalinity as CaCO ₃	mg/L	25.1	200 (Max)	600 (Max)	IS 3025 Part-23: 1986 RA 2019 APHA 23 rd Edition 2520 B
15	P-Alkalinity as CaCO ₃	mg/L	NH	-	-	APHA 23 rd Edition 2520 B
16	M-Alkalinity as CaCO ₃	mg/L	25.1	-	-	APHA 23 rd Edition 2520 B
17	Iron as Fe	mg/L	0.06	0.3 (Max)	No Relaxation	IS 3025 Part-53: 2003 RA 2019 APHA 23 rd Edition 1500 F B
18	Sulfate as SO ₄	mg/L	<1.5	200 (Max)	400 (Max)	IS 3025 Part-24: 1986 RA 2019 APHA 23 rd Edition 1500 S a, F

Report No: ICI/HL/W/RN-1099/2022	Format No: ICI/FM/H/67	Sample ID No	2022/W-1099
Customer Name	M/S. VISAKA INDUSTRIES LTD.	Sample Date	29.06.2022
Address	Mouza: - Changsole, Vill. - P.O. - Sagedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	Sampling Time	03:00 PM
Name & Contact Number	Mt. Sunil Chanda Mob. No. 8170064044	Analysis Start Date	30.06.2022
Work Order No.	39640 Dtd. 02.06.2022	Analysis complete Date	07.07.2022
Sample Description	DRINKING WATER		
Sample Condition	In Plastic Bottle & Glass Bottle		
Sampling Method	IS 3025 (Part 1): 1987 (RA 2019), APHA 23 rd ed 2017		
Test Method	APHA 23 rd ed 2017, IS-3025		
# Location	BOREWELL NO. - 3		
Material Specification	IS 10500: 2012		

TEST REPORT

Towards Sustainable Growth



(GOVT. REGISTERED TEST HOUSE)

INDICATIVE CONSULTANT INDIA





WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

Bldg. No. 10 A, Block-LA, Sector-III, Bidhan Nagar,
Kolkata - 700 098

Tel : 0091 (033) 2335-9088 / 8861 / 8211 / 8073 / 6731

2335-0261 / 8212 / 8213 / 7428 / 5975

Fax : 0091 (033) 2335 6730 / 2813

Website : www.wbpcb.gov.in e-mail : wbpcbnet@wbpcb.gov.in

Memo No. 255/2S (HW) -1942/2005

Date: 23.12.2022

FORM 2

Grant of Authorization under the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Ref.: Application authorization dated 22.04.2022 for management & handling of Hazardous & Other Waste (Management & Transboundary) Rules, 2016 and its amendment thereafter.

M/s. Visaka Industries Ltd.

Vill: Changsole, P.O.: Saivedpur, P.S.: Salboni, Medinipur (W)-721147 is hereby granted an authorisation for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilisation, treatment, disposal, or any other use of hazardous or other wastes or both on the premises located at Vill: Changsole, P.O.: Saivedpur, P.S.: Salboni, Medinipur (W)-721147.

Details of Authorisation:

Sl. no.	Category of Hazardous Waste, as per the Schedule I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing etc.	Quantity (MT/year)
1.	15.2	Recycle in-house*	600.0
2.	15.3	Recycle in-house.*	28.9
3.	15.1	Disposal to CHWTSDF.*	0.048
4.	5.1	Recycle through authorized recycler.*	0.02 KL
5.	36.2	Disposal to CHWTSDF.*	0.015

* For detail refer to Specific Conditions.

(1) Authorization shall be valid for a period upto 31.07.2026 with effect from the date of issue

(2) The authorization is subject to the following general and specific conditions:


[Chief Engineer]

West Bengal Pollution Control Board

Chief Engineer

W. B. Pollution Control Board

Dept. of Environment, Govt. of W.B.

A. General conditions of authorization:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be three months before the expiry of such authorisation.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by June 30th every year for the period ending 31st March of that year.

B. Specific conditions:

1. The unit shall store the hazardous wastes (category wise separately) under shade in an environment friendly safe manner within the premises at designated places and the unit shall not store hazardous waste on site for more than 90 days.
2. The unit shall dispose all the hazardous waste stored onsite immediately and submit compliance report within one month hereof.
3. Discarded asbestos (15.2), dust/particulate from exhaust air gas treatment (15.3), used/discarded DG set filters (36.2) and oil contaminated cotton/Jute wastes (5.2) shall be utilized in-house or shall be disposed to the CHWTSDF. West Bengal through Manifest system (Form-10) is not fit for recycling.
4. Asbestos containing residue (15.1) shall be disposed to the CHWTSDF through Manifest system (Form-10).
5. Used oil (5.1) shall be sold through manifest system (Form 10) to the authorized recyclers having valid authorization of the State Pollution Control Board. During each sale, original Pass-book issued by SPCB to the authorized recyclers shall be endorsed mentioning the quantity and copy of the same shall be kept as record. If not fit for recycling shall be sent to CHWTSDF facility with manifest system.

6. The unit shall submit copies of Form 10 to the State Board on a regular basis.
7. Transport of hazardous and other waste shall be in accordance with the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016, guidelines issued by the Central Pollution Control Board (CPCB) and rules made under the Motor Vehicle's Act, 1988. The responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and this responsibility shall be clearly indicated in the Manifest.
8. Records of hazardous waste generation, storage and disposal shall be maintained properly and shall be available to the inspecting officials of the State Board during inspection.
9. The unit shall update regularly the environmental information in Display Boards as per the order of the Hon'ble Supreme Court dated, 14.10.2003 in W.P.(C) NO.657 of 1995.
10. Authorisation will be revoked in case of non-compliances with any of the above conditions.

✓ M/s. Visaka Industries Ltd.

Vill: Changsole, P.O.: Saivedpur,

P.S.: Salboni, Medinipur (W)-721147

[Signature]
[Chief Engineer]

West Bengal Pollution Control Board

Chief Engineer
W. B. Pollution Control Board
Dept. of Environment, Govt. of W.B.

REGISTERED

WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'
Bldg. No. - 10A, Block - LA, Sector-III
Salt Lake City, Kolkata-700 098



Consent Letter Number : C0109261

Memo Number : 7455 hl-co-s/13/0161

Date : 31/01/2019

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s. Visaka Industries Ltd. WEST BENGAL

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Vill - Changsala, Po. Saiyedpur,

PS. Salboni, Medinipur (W) - 721147.

(Detailed address of the manufacturing unit)

for a period from date of issue to 31.12.2023

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.

West Bengal Pollution Control Board
Sahibpura Regional Office
Super Market Building Durgachak Haldia
Dist. Purba Medinipur

For and on behalf of the State Board

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

M. H. H. H.
31/01/19
Environmental Engineer
West Bengal Pollution Control Board
Regional Office

ANNEXURE

Consent to M/s. Visaka Industries Ltd.
 for its unit at Vill. Changsale, PO. Saiyedpur, P. Salboni,
Medinipore (w) - 721147.

Conditions :

01. This Consent is valid for the manufacture of :-

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	Asbestos Cement Roofing	13,367 T
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		

02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.
03. Daily discharge of industrial liquid effluent shall not exceed KL.
04. Daily discharge of domestic liquid effluent shall not exceed 2.0 KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed KL.
06. The Applicant shall discharge liquid effluent to Soak pit through septic tank (place of discharge) through 01 nos. outlets / outfalls.
07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)
 Environmental Engineer

West Bengal Pollution Control Board
 Regional Office

Consent to M/s. Visaka Industries Ltd.

for its unit at Vill: Changsole, PO. Saiyedpur, PS. Salboni,
Medinipore (W) - 721147.

[illegible]

- | | | | |
|--|---|-----|----|
| ● Industrial cooling, spraying in mine pits and boiler feed water
(Water used for gardening should be included in this category of use) | → | 5 | KL |
| ● Domestic purpose | → | 20 | KL |
| ● Processing whereby water gets polluted and the pollutants are easily biodegradable | → | — | KL |
| ● Processing whereby water gets polluted and the pollutants are not easily biodegradable | → | 180 | KL |

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr./ Asst. Env. Engr.)

Environmental Engineer
West Bengal Pollution Control Board
Regional Office

Consent to M/s. Visaka Industries Ltd.for its unit at Vill. Changsole, P.O. Saiyedpur, PS. Salboni.Medinipore (W) - 72.11.47.

11. The Applicant shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The Applicant shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the Standard as given in Table-II below :

Table-II

Stack No.	Stack height from G.L. (in mts.)	Stack attached to (sources and control system, if any):	Volume $\text{Nm}^3/\text{hr.}$	Velocity of gas emission m/sec	Concentrations of parameters not to exceed				Frequency of emission sampling
					SPM (mg/Nm^3)	CO_2 $(\% \text{v/v})$	Total Dust	Pure Asbestos Material	
S-1	15	Fly Ash Slurry Preparation tank	(Bag Filter)		150				Half-Yearly
S-2	15	BOD, ERM & Bag Shredder	(Bag Filter & Wet Scrubber)				2 mg/1.02 Nm^3 fibre/c		-do-
S-3	15	Cement Mixing Tank	(Bag Filter)		150				-do-
S-4	3.5m above roof level	01 NO. 600 KVA DGL Set			150				-do-
S-5									
S-6									
S-7									
S-8									
S-9									
S-10									

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer

West Bengal Pollution Control Board
Regional Office

Continued.....

ard

(5)

Consent to M/s. Visaka Industries Ltd.for its unit at Vill. Changsole, PO. Saiyedpur, B. Salboni,Medinipore (W) - 721147.

14. The Applicant shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorised agencies.

15. The Applicant shall observe the following fuel consumption pattern :-

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01	HSD	-	DG Set.
02			
03			
04			
05			

16. The Applicant shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :-

Type of waste	Quantity	Treatment	Disposal
Dust, Broken pieces	50 TPM	-	Recycled through Wet Ball Mill.
Sludge/ Paster			Recycled.

17. The Applicant shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) L_{eq}
Day Time (06 a.m. to 09 p.m.)	70
Night Time (10 p.m. to 06 a.m.)	75

18. The Applicant shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.

19. The Applicant shall bring about at least 33% of the available open land under the green coverage / plantation.

20. The Applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the Applicant to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the Applicant shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.

21. The Applicant shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.

22. The Applicant shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.

23. The Applicant shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste.

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
West Bengal Pollution Control Board
Regional Office

Consent to M/S. Visaka Industries Ltd.

for its unit at Vill. Changsole, PO. Saiyedpur, PS. Salboni,
Medinipore (W) - 721147.

24. The Applicant shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The Applicant shall get the samples of hazardous wastes/leachates analysed at least once in from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The Applicant shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the State Board's staff as well as State Board's authorised agencies.
27. The Applicant shall submit to the State Board by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The Applicant shall allow the Officers of the State Board to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The Applicant shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the State Board for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The Application shall furnish to the State Board all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The Applicant shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and/or emission control devices and for overall environment management of the industry.
32. The Applicant shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The Applicant shall intimate to the State Board immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The Applicant Shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The Applicant shall make an application to the State Board in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
35. The Applicant shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The Applicant shall comply with the conditions as laid down in the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions

This certificate may be revoked in case of public complaint against the unit from environmental point of view.

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Handwritten signature
 21/10/19
 Environmental Engineer
 Regional Office