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:- 16/07/21

Sub :-Half Yearly Compliance Report for the period of Oct-20 to Mar-21

Ref:- Approval letter no. J-11011/3/2004-IAII(1) dated 24-02-2006

Dear Sir,

Enclose please find hard copy of the half- yearly compliance report from Oct-20 to Mar-21 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

VISAKA

List of Attachment Details of Compliance report (Hard copy)
1. Copies of Ambient Air Monitoring
2. Monitorning of PM2.5 for all AAQ monitorning 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 Environemntal statement from Oct-20 to Mar-21. (Cost)
9. Environment monitorning equipment & control equipment details.
10. Details of Environmental Monitorning Cell (EMC)
11. Bore well Authorization certificate details.
12. Drinking water Test report.
13. Hazardous waste Authorization certificate along with renewal application details.
14. NOC of consent to operate.
15. Personal sampler test report.

For **visaka Industries Limited**

Biplab Banerjee
(Asst. Works Manager)

VISAKA INDUSTRIES LTD
Biplab Banerjee
(Asst. Works Manager)

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

SIX MONTHLY COMPLIANCE REPORT
FOR THE PERIOD
OCTOBER-2020 TO MARCH-2021

SIX MONTHLY COMPLIANCE REPORT FOR THE PERIOD OCTOBER - 2020 TO MARCH -2021

Ref: Approval letter no J-11011/3/2004-IAII(1) dated 24-02-2006.

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. Raw materials like asbestos fibre and cement should be transported in closed containers. Asbestos fibre shall be brought in a palletized form, in impermeable bags and under compressed condition.	We strictly adhere to the prescribed BIS standards and laws regarding use and handling of asbestos, safety of employees etc. Raw material like asbestos fibre will be always transported in closed containers. Asbestos fibre will be always brought in palletized form, in Impermeable bags and under compressed conditions.
ii	Central Labour Institute in their reports on the study "Airborne levels of Asbestos fibre in the work environment" has recommended seven conditions. These conditions shall be complied in toto.	All the conditions as advised by CLI in their report regarding the study of air-borne levels of asbestos fibre in the work environment is being complied in toto.
iii	There shall be no manual handling / opening of asbestos fibre bags. The company shall 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.	Fugitive emissions generated from hopper of Jaw crusher and Pulverizer shall be channelized through hood with proper suction arrangement, bag filter and stack.	We are not using Jaw crusher and pulveriser. The recycling of hard waste (broken pieces) is done in slurry form through Wet Ball Mills.
v.	The company shall comply with total dust emission limit of 2mg/Nm^3 as notified under the Environment (Protection) Act, 1986. Adequate measures shall be adopted to control the process emission and ensure that the stack emission of asbestos fibre shall not exceed the emission limit of 0.2 fibre/cc. Further, in the work zone area the fibre count should not exceed 0.1 fibre/cc.	Our emission levels are well below the limits, prescribed by the MOEF in respect of total dust from Fibre stack (max 2 mg/NM^3), Fibre count not exceeding 0.2 fibre/cc & work zone fibre count not exceeding 0.1fibre/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
vi.	Bags containing asbestos fibre shall be stored in a 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	Better house keeping practices shall be adopted for improvement of the environment within the work environment. These include:-	We are always maintaining the environmental work zone neat & clean . A good house keeping practice adopted by maintaining the following points. (a) All the transfer points involving dry

	(a) All monitoring transfer points shall be connected to dust extraction system. (b) Leakages or dust from machines and ducts shall be plugged. (c) Floor shall be cleaned by vacuum cleaner only. (d) Enclosed belt conveyer shall be used instead of manual transportation of asbestos within the premises.	asbestos, cement and fly ash have been connected to the Dust Extraction system. (b) Leakages in the machine have been plugged. © The floor of RM section is being cleaned by using vacuum cleaner and/or wet mopping, collection and recycling method. (d) The asbestos fibre bags are transported to our plant in a closed container and are always brought in Palletized form, in Impermeable bags and packed under compressed conditions and are stored in fibre godown.These Palletized bags are transferred to BOD area by Forklift in as it is condition. Thus avoiding manual handling. Covered Slant conveyors are used to convey the fibre bags into the Bag Opening Device (BOD).
viii	Regular measurement of pollutants (SPM, asbestos fibre count) in the work zone area and stack (s) shall be undertaken by setting up a dedicated laboratory. In addition, the asbestos fibre count in the work zone area should be got monitored by an Independent Monitoring Agency like NIOH, ITRC/NCB etc on a six-monthly basis. The monitoring data should be submitted to the State Pollution Control Board once in a three month 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(Mumbai) & RLI (Kolkata). We also getting quotation from IITR,Lucknow (MOEF approved/reputed Laboratories.) for the asbestos fibre count in our work zone area. We will carry out fibre analysis from the above said labs very soon.
ix.	As reflected in the Environment Management Plan , there shall be no discharge of process effluent. The entire process effluent shall be reused / recycled in the manufacturing process. The domestic waste water shall be adequately treated in a sewage treatment plant and used or green belt development.	No process effluent is discharged outside the plant premises. 100% is recycled to the process. The domestic waste water is let-out into a Septic tank and thereon to the soak pit.
x	The company shall ensure that the entire solid waste generated including process rejects, dust from bag filters and empty asbestos bag shall be recycled in the manufacturing process. The disposal facilities for asbestos waste shall be accordance with the bureau of Indian Standard Code.	The entire solid wastes generated including process rejects, dust from bag filters and empty asbestos bags are recycled to the manufacturing process. No waste is being disposed off.

xi	The cut and damaged fibre bags shall immediately be repaired. Pilling of AC pressure pipes shall be done in wet condition only.	The cut and damaged fibre bags are immediately repaired.
xii	Proper house keeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation system will be laid in accordance with Factories Act.	Proper house keeping is being maintained. All machineries , exhausts & ventilation system has been laid in accordance with Factories Act. For better exhaust & ventilation we have installed series of radial exhaust / roof extractor.
xiii	Regular medical examination of workers and health monitoring of the employees shall be carried out and record maintained up to minimum 40 years from the beginning of the employment or 15 years after retirement or cessation of employment whichever is lower. 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 place and if cases of asbestosis are detected, necessary compensation shall be arranged under the existing laws.	Regular medical examination and health monitoring of employees is being carried out and record upto a minimum of 40 years from the beginning of employment or 15 years after retirement or cessation of employment which ever is lower 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.
xiv.	To educate the workers, all the work places where asbestos dust may cause a hazard shall be clearly indicated as an dust exposure area through the use of display sign which identifies the hazard and the associated health effects.	We have clearly earmarked the dust exposure area through the use of display signs which identifies the hazards and the associated health effects in all the work places where asbestos dust is handled.
xv.	The company shall also undertake water-harvesting measures and plan of action should be submitted to Ministry of Environment and Forests within three months.	We have already done rain water harvesting systems at our site. A complete layout drawing have been submitted earlier.
xvi.	As reflected in the filled in questionnaire, 16 acres of the project area shall be developed as green belt with local species in consultation with DFO as per CPCB guidelines.	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- Arjun,Gulmohar,Kaiji,Kassia,Seesam,Neem, Ukaliptus,Amala,Bottle Brush,Mango,Kadamb,Pakad,Goba,Bale,Chandani.
xvii.	The workers should not be exposed in asbestos processing zone continuously. This should be done by rotation. Also each worker should provided with two cubicles – one for keeping	We ensure that workers working in asbestos processing zone are not working continuously but are put in rotation. We have also provided Individual's cubicles to all workers.

	the factory dress and other for outside dress. Factory dress should not be carried outside. Washing of factory dress to be done inside the factory premises and such wash water to be recycled through settling tank.	

B. GENERAL CONDITIONS:

	Conditions	Compliance Status
i.	The project authorities must strictly adhere to the stipulations made by the West Bengal 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, 2003	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 comply with safeguards recommended in the EIA/EMP Report.	We confirm that we comply with all the recommendations and safe guards as recommended in the EIA/EMP report.
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 requisite 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 shall not be diverted for any other purposes.	We have provided adequate funds both recurring and non-recurring to implement the conditions stipulated by MOEF as well as state government. The fund 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	We are regularly submitting a quarterly & half yearly compliance status report along with all the monitoring data's to WBPCB & MOEF respectively.

	along with statistical interpretation shall be submitted to them regularly.	
viii.	The project proponent shall 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 Medinipur Times" a leading daily news paper (Bengali) 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)

VISAKA INDUSTRIES LTD.
Biplab Banerjee
(Asst. Works Manager)

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No. : TC-6159

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

Towards Sustainable Growth

TEST REPORT

Date: 25.02.2021		**Report No: ICI/HL/A/PTC-102/2021**	**Format No: ICI/FM/H/62**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2021/PA-102
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	22.02.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Analysis Start Date**	:	24.02.2021
Work Order No.	:	36959, Dtd. 18.02.2021	**Analysis complete Date**	:	24.02.2021
Sample Description	:	**Ambient Air**			
Location	:	**Ambient Air Monitoring Station No. – 1 (L_1)**			
Sample Condition	:	In Glass Microfibre Filter Paper & Plastic Bottle			
Sampling Method	:	CPCB, Emission Regulation (Part III)			
Test Method	:	CPCB, Emission Regulation (Part III), IS 5182 (Part – 2):2001 (RA 2017), IS 5182 (Part-4) :1999 (RA 2019), IS 5182 (Part – 6):2006 (RA 2017), IS : 5182 (Part – 23), 2006 (RA 2017)			

Sampling Time	Concentration ($\mu g / m^3$)				Ambient Temperature in °C (Average)
	SPM	RPM	SO_2	NO_2	
09:00 AM to 05:00 PM	297.24	90.16	17.62	41.41	31.0

Limit: ($\mu g / m^3$) Ambient Air Quality standard (National)

SPM = No Limit, RPM/PM_{10} = 100 µg/m3, SO2=80 µg/m3, NO2=80 µg/m3, 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 18th November '2009

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Debashis Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

INDICATIVE CONSULTANT INDIA
ICI
Consultant Surveyor & Regd. Test House
HALDIA

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test report are based on observations & measurements under the stated environmental conditions.
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6. Retention period of tested samples (Filter Paper) is 180 days & filter paper no. F-06 from the date of issue of test report unless otherwise specified.

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

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

Towards Sustainable Growth

TEST REPORT

Date: 25.02.2021		**Report No: ICI/HL/A/PTC-103/2021**	**Format No: ICI/FM/H/62**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2021/PA-103
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	22.02.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Analysis Start Date**	:	24.02.2021
Work Order No.	:	36959, Dtd. 18.02.2021	**Analysis complete Date**	:	24.02.2021
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 Method	:	CPCB, Emission Regulation (Part III), IS 5182 (Part – 2):2001 (RA 2017), IS 5182 (Part-4) :1999 (RA 2019), IS 5182 (Part – 6):2006 (RA 2017), IS : 5182 (Part – 23), 2006 (RA 2017)			

Sampling Time	Concentration ($\mu g / m^3$)				Ambient Temperature in °C (Average)
	SPM	RPM	SO_2	NO_2	
09:15 AM to 05:15 PM	289.15	84.77	16.58	40.58	31.0

Limit: ($\mu g / m^3$) Ambient Air Quality standard (National)

SPM = No Limit, RPM/PM_{10} = 100 µg/m3, SO2=80 µg/m3, NO2=80 µg/m3. 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 18th November'2009

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Debashis Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

INDICATIVE CONSULTANT INDIA
Consultant Surveyor & Regd. Test House
HALDIA

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5. The reproduction of the report except in full is invalid without written approval of the laboratory
6. Retention period of tested samples (Filter Paper) is 180 days & filter paper no. F-05 from the date of issue of test report unless otherwise specified.

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

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Towards Sustainable Growth

TEST REPORT

Date: 25.02.2021		**Report No: ICI/HL/A/PTC-104/2021**	**Format No: ICI/FM/H/62**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2021/PA-104
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	22.02.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Analysis Start Date**	:	24.02.2021
Work Order No.	:	36959, Dtd. 18.02.2021	**Analysis complete Date**	:	24.02.2021
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 Method	:	CPCB, Emission Regulation (Part III), IS 5182 (Part – 2):2001 (RA 2017), IS 5182 (Part-4) :1999 (RA 2019), IS 5182 (Part – 6):2006 (RA 2017), IS : 5182 (Part – 23), 2006 (RA 2017)			

Sampling Time	Concentration (µg / m³)				Ambient Temperature in °C (Average)
	SPM	RPM	SO_2	NO_2	
09:30 AM to 05:30 PM	295.44	89.62	17.62	42.23	31.0

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

SPM = No Limit, RPM/PM_{10} = 100 µg/m3, SO2=80 µg/m3, NO2=80 µg/m3, 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 18th November '2009

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Debashis Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

INDICATIVE CONSULTANT INDIA
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Consultant Surveyor & Regd. Test House
HALDIA

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Filter Paper) is 180 days & filter paper no. F-04 from the date of issue of test report unless otherwise specified

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

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Towards Sustainable Growth

TEST REPORT

Date: 01.12.2020		**Report No: ICI/HL/A/PTC-856/2020**	**Format No: ICI/FM/H/62**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2020/PA-856
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	27.11.2020
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Analysis Start Date**	:	30.11.2020
Work Order No.	:	36387, Dtd. 11.11.2020	**Analysis complete Date**	:	30.11.2020
Sample Description	:	**Ambient Air**			
Location	:	**Ambient Air Monitoring Station No. – 1 (L_1)**			
Sample Condition	:	In Glass Microfibre Filter Paper & Plastic Bottle			
Sampling Method	:	CPCB, Emission Regulation (Part III)			
Test Method	:	CPCB, Emission Regulation (Part III), IS 5182 (Part – 2):2001 (RA 2017), IS 5182 (Part-4) :1999 (RA 2019), IS 5182 (Part – 6):2006 (RA 2017), IS : 5182 (Part – 23), 2006 (RA 2017)			

Sampling Time	Concentration (µg / m^3)				Ambient Temperature in °C (Average)
	SPM	RPM	SO_2	NO_2	
10:00 AM to 06:00 PM	287.46	81.10	16.85	40.14	28.0

Limit: (µg / m^3) Ambient Air Quality standard (National)

SPM = No Limit, RPM/PM_{10} = 100 µg/m3, SO2=80 µg/m3, NO2=80 µg/m3, 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 18th November'2009

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Debasis Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

INDICATIVE CONSULTANT INDIA
Consultant Surveyor & Regd. Test House
HALDIA

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
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4. The test results referred in test 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. Retention period of tested samples (Filter Paper) is 180 days & filter paper no. F-86 from the date of issue of test report unless otherwise specified.

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

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(GOVT. REGISTERED TEST HOUSE)

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TEST REPORT

Date: 01.12.2020		**Report No: ICI/HL/A/PTC-857/2020**	**Format No: ICI/FM/H/62**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2020/PA-857
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	27.11.2020
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Analysis Start Date**	:	30.11.2020
Work Order No.	:	36387, Dtd. 11.11.2020	**Analysis complete Date**	:	30.11.2020
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 Method	:	CPCB, Emission Regulation (Part III), IS 5182 (Part – 2):2001 (RA 2017), IS 5182 (Part-4) :1999 (RA 2019), IS 5182 (Part – 6):2006 (RA 2017), IS : 5182 (Part – 23), 2006 (RA 2017)			

Sampling Time	Concentration (µg / m³)				Ambient Temperature in °C (Average)
	SPM	RPM	SO_2	NO_2	
10:15 AM to 06:15 PM	281.99	79.22	15.86	39.29	28.0

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

SPM = No Limit, RPM/PM_{10} = 100 µg/m3, SO2=80 µg/m3, NO2=80 µg/m3, 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 18th November'2009

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Debashis Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

INDICATIVE CONSULTANT INDIA
Consultant Surveyor & Regd. Test House
HALDIA

Note :
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----------*End of Report*----------

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No.: TC-6159

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

Towards Sustainable Growth

TEST REPORT

Date: 01.12.2020		**Report No: ICI/HL/A/PTC-858/2020**	**Format No: ICI/FM/H/62**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2020/PA-858
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	27.11.2020
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Analysis Start Date**	:	30.11.2020
Work Order No.	:	36387, Dtd. 11.11.2020	**Analysis complete Date**	:	30.11.2020
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 Method	:	CPCB, Emission Regulation (Part III), IS 5182 (Part – 2):2001 (RA 2017), IS 5182 (Part-4) :1999 (RA 2019), IS 5182 (Part – 6):2006 (RA 2017), IS : 5182 (Part – 23), 2006 (RA 2017)			

Sampling Time	Concentration (µg / m³)				Ambient Temperature in °C (Average)
	SPM	RPM	SO_2	NO_2	
10:30 AM to 06:30 PM	290.82	83.57	14.87	40.14	28.0

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

SPM = No Limit, RPM/PM_{10} = 100 µg/m3, SO2=80 µg/m3, NO2=80 µg/m3, 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 18th November'2009

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Debashis Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

INDICATIVE CONSULTANT INDIA
ICI
Consultant Surveyor & Regn Test House
HALDIA

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Filter Paper) is 180 days & filter paper no. F-61 from the date of issue of test report unless otherwise specified.

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

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No.: TC-6159

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

Towards Sustainable Growth

TEST REPORT

Date: 04.12.2020		**Report No: ICI/HL/A/RN-661/2020**	**Format No: ICI/FM/H/61**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2020/AC-661
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	27.11.2020 To 28.11.2020
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Analysis Start Date**	:	30.11.2020
Work Order No.	:	36387, Dtd. 11.11.2020	**Analysis complete Date**	:	03.12.2020
Sample Description	:	**AMBIENT AIR**			
Location	:	**IN BETWEEN MAIN GATE & MAIN PLANT ENTRANCE**			
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)/ UV Photometric Method / Air Sampling & Analysis 3rd Edition, CPCB Guideline (Vol. – 1)			
Test Method		CPCB, Emission Regulation (Part III), IS: 5182 (Part – 23) 2006 (RA 2017), USEPA CFR 40(Part- 50): Appendix L, IS: 5182 (Part – 2):2001 (RA 2017), IS: 5182 (Part – 6):2006 (RA 2017), Non-Dispersive Infrared Spectrometry Method, Soxlet Extraction and GC analysis, Atomic Absorption Spectrophotometric Method, Indophenol Blue Method, UV Photometric Method / Air Sampling & Analysis 3rd Edition, CPCB Guideline (Vol. – 1)			
Ambient Temperature in °C (Average)	:	24.0			

Time of Sampling	Concentration (µg / m³)								Concentration (mg / m³)	Concentration (ng / m³)		
	PM_{10}	$PM_{2.5}$	SO_2	NO_2	Pb	Benzene	NH_3	O_3	CO	Benzo(a) Pyrene	As	Ni
11:00 AM to 07:00 PM	87.51	29.61	14.87	39.57	BDL	BDL	BDL	38.2	0.2512	BDL	BDL	BDL
07:15 PM to 03:15 AM								-				
03:30 AM to 11:30 AM								-				

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

PM_{10}= 100 µg/m³, $PM_{2.5}$=60 µg/m³, SO_2=80 µg/m³, NO_2=80 µg/m³, Lead=1.0 µg/m³, Ammonia=400 µg/m³, 24 hours basis, Carbon mono oxide=2 mg/m³, O_3=100µg/m³ 8hours basis, Benzene=5 µg/m³, Benzopyrene=1 ng/m³, Arsenic =6 ng/m³, Nickel=20ng/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

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Debashis Halder
(Sr. Chemist)
Signatory Authority

INDICATIVE CONSULTANT INDIA ICI Consultant Surveyor & Regd. Test House HALDIA

Test Witnessed By: Nil

Estimated Uncertainty: Not Required

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
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4. The test results referred in test report are based on observations & measurements under the stated environmental condition
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6. Retention period of tested samples (Filter Paper) is 180 days from the date of issue of test report unless otherwise specified

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

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No.: TC-6159

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

Towards Sustainable Growth

TEST REPORT

Date: 25.02.2021		**Report No: ICI/HL/A/PTC-101/2021**	**Format No: ICI/FM/H/58**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2021/PA-101
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	22.02.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Sampling Time**	:	10:10 AM
			Analysis Start Date	:	24.02.2021
Work Order No.	:	36959, Dtd. 18.02.2021	**Analysis complete Date**	:	24.02.2021
Sample Description	:	**Stack Air**			
Location	:	**Fly Ash Slurry Preparation Tank**			
Sample Condition	:	In Glass Microfibre Thimble			
Sampling Method	:	CPCB, Emission Regulation (Part III)			
Test Method		CPCB, Emission Regulation (Part III), IS 11255 (Part -1): 1985 (RA 2019), IS 11255 (Part -3): 2008 (RA 2018), ORSAT Method.			

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 :***		
			a) Total Ht. Of stack from GL(M)	:	15.0
			b) Total Ht. Of stack from RL(M)	:	-
Sulpher Content (% by Wt)	:	-	c) Ht. of sampling port from GL(M)	:	4.8
Ash Content (% by Wt.)	:	-	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)	:	30	**Steam Generation Capacity :**			
Barometric Pressure,(mm Hg)	:	758	a) Rated	:	-	
Velocity of Gas flow (m/s)	:	7.76	b) Running	:	-	
Quantity of Gas flow (Nm^3/hr)	:	1938.77	**Load** : a) Rated	:	-	
Pressure	:	-	b) Running	:	70 TPD	

C.] RESULT OF SAMPLING:

Sl. No.	Parameters		Result Obtained
01.	Particulate Matter (mg/Nm^3)	:	1.4
02.	Particulate Matter Normalized to 12% CO_2 (V/V) - (mg/Nm^3)	:	-
03.	Sulphur di-oxide (mg/ Nm^3)	:	-
04.	NOx (mg/m^3)	:	-
05.	CO % (V/V)	:	<0.2
06.	CO_2 % (V/V)	:	<0.2

Prepared By: N. Mondal

Checked By: A. Patra

For, **INDICATIVE CONSULTANT INDIA**

Debashis Halder
(Sr. Chemist)
Signatory Authority

INDICATIVE CONSULTANT INDIA ICI Consultant Surveyor & Regd. Test House HALDIA

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Thimbles) is 180 days & thimbles no. T- 64 from the date of issue unless otherwise specified.
7. All general information's of stack are provided by the party.

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

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No.: TC-6159

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

Towards Sustainable Growth

TEST REPORT

Date: 25.02.2021		**Report No: ICI/HL/A/PTC-100/2021**	**Format No: ICI/FM/H/58**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2021/PA-100
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	22.02.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Sampling Time** **Analysis Start Date**	: :	11:10 AM 24.02.2021
Work Order No.	:	36959, Dtd. 18.02.2021	**Analysis complete Date**	:	24.02.2021
Sample Description	:	**Stack Air**			
Location	:	**Cement Mixture Tank**			
Sample Condition	:	In Glass Microfibre Thimble			
Sampling Method	:	CPCB, Emission Regulation (Part III)			
Test Method		CPCB, Emission Regulation (Part III), IS 11255 (Part -1): 1985 (RA 2019), IS 11255 (Part -3): 2008 (RA 2018), ORSAT Method.			

A.] GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant					
Stack attached to	:	**Cement Mixture 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 :***		
			a) Total Ht. Of stack from GL(M)	:	15.0
			b) Total Ht. Of stack from RL(M)	:	-
Sulpher Content (% by Wt)	:	-	c) Ht. of sampling port from GL(M)	:	4.2
Ash Content (% by Wt.)	:	-	d) Ht. of port from disturbance zone (M)	:	2.7

Pollution Control Device : Bag Filter

Whether Stack is provided with permanent Platform / Ladder : Yes

B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	:	32	**Steam Generation Capacity :**		
Barometric Pressure,(mm Hg)	:	758	a) Rated	:	-
Velocity of Gas flow (m/s)	:	8.52	b) Running	:	-
Quantity of Gas flow (Nm^3/hr)	:	2114.89	**Load :** a) Rated	:	-
Pressure	:	-	b) Running	:	100 TPD

C.] RESULT OF SAMPLING:

Sl. No.	**Parameters**		**Result Obtained**
01.	Particulate Matter (mg/Nm^3)	:	24.0
02.	Particulate Matter Normalized to 12% CO_2 (V/V) - (mg/Nm^3)	:	-
03.	Sulphur di-oxide (mg/Nm^3)	:	-
04.	NOx (mg/m^3)	:	-
05.	CO % (V/V)	:	<0.2
06.	CO_2 % (V/V)	:	<0.2

Prepared By: N. Mondal

Checked By: A. Patra

For, **INDICATIVE CONSULTANT INDIA**

Debashis Halder
(Sr. Chemist)
Signatory Authority

INDICATIVE CONSULTANT INDIA ICI Consultant Surveyor & Regd. Test House HALDIA

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Reteation period of tested samples (Thimbles) is 180 days & thimbles no. T- 65 from the date of issue unless otherwise specified.
7. All general information's of stack are provided by the party.

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

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No. : TC-6159

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

Towards Sustainable Growth

TEST REPORT

Date: 25.02.2021		Report No: ICI/HL/A/PTC-099/2021	Format No: ICI/FM/H/58		
Customer Name	:	M/s. Visaka Industries Ltd.	Sample ID No	:	2021/PA-099
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	Sampling Date	:	22.02.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	Sampling Time	:	12:10 PM
			Analysis Start Date	:	24.02.2021
Work Order No.	:	36959, Dtd. 18.02.2021	Analysis complete Date	:	24.02.2021
Sample Description	:	Stack Air			
Location	:	E.R. Mill & Automatic Bag Opening Device			
Sample Condition	:	In Glass Microfibre Thimble			
Sampling Method	:	CPCB, Emission Regulation (Part III)			
Test Method		CPCB, Emission Regulation (Part III), IS 11255 (Part -1): 1985 (RA 2019), IS 11255 (Part -3): 2008 (RA 2018), ORSAT Method.			

A.] GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant

Stack attached to	:	E.R. Mill & Automatic Bag Opening Device	Shape of Stack	:	Circular
			Material of Construction	:	M.S.
Emission due to	:	Process Activity	Stack ID at sampling point (M)	:	0.40
Fuel Used	:	-	At Bottom (M)	:	-
Rated Fuel Consumption	:	-	At Top (M)	:	0.40
Working Fuel Consumption	:	-	***Height Details :***		
Calorific Value(Kcal/kg)	:	-	a) Total Ht. Of stack from GL(M)	:	18.0
			b) Total Ht. Of stack from RL(M)	:	-
Sulpher Content (% by Wt)	:	-	c) Ht. of sampling port from GL(M)	:	9.8
Ash Content (% by Wt.)	:	-	d) Ht. of port from disturbance zone (M)	:	3.3

Pollution Control Device : Bag Filter With Wet Scrubber

Whether Stack is provided with permanent Platform / Ladder : Yes

B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	:	35	**Steam Generation Capacity :**			
Barometric Pressure,(mm Hg)	:	758	a) Rated	:	-	
Velocity of Gas flow (m/s)	:	7.82	b) Running	:	-	
Quantity of Gas flow (Nm^3/hr)	:	3417.10	**Load** : a) Rated	:	-	
Pressure	:	-	b) Running	:	1.5 TPH	

C.] RESULT OF SAMPLING:

Sl. No.	Parameters		Result Obtained
01.	Particulate Matter (mg/Nm^3)	:	1.2
02.	Particulate Matter Normalized to 12% CO_2 (V/V) - (mg/Nm^3)	:	-
03.	Sulphur di-oxide (mg/Nm^3)	:	-
04.	NOx (mg/m^3)	:	-
05.	CO % (V/V)	:	-
06.	CO_2 % (V/V)	:	<0.2
		:	<0.2

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Debashis Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil

Estimated Uncertainty: Not Required

INDICATIVE CONSULTANT INDIA — Consultant Surveyor & Regd. Test House — HALDIA

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Thimbles) is 180 days & thimbles no. T- 66 from the date of issue unless otherwise specified.
7. All general information's of stack are provided by the party.

End of Report

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No.: TC-6159

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

Towards Sustainable Growth

TEST REPORT

Date: 01.12.2020		**Report No: ICI/HL/A/PTC-855/2020**	**Format No: ICI/FM/H/58**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2020/PA-855
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	27.11.2020
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Sampling Time**	:	11:20 AM
			Analysis Start Date	:	30.11.2020
Work Order No.	:	36387, Dtd. 11.11.2020	**Analysis complete Date**	:	30.11.2020
Sample Description	:	**Stack Air**			
Location	:	**Cement Mixture Tank**			
Sample Condition	:	In Glass Microfibre Thimble			
Sampling Method	:	CPCB, Emission Regulation (Part III)			
Test Method		CPCB, Emission Regulation (Part III), IS 11255 (Part -1): 1985 (RA 2019), IS 11255 (Part -3): 2008 (RA 2018), ORSAT Method.			

A.] GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant					
Stack attached to	:	**Cement Mixture 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 :***		
			a) Total Ht. Of stack from GL(M)	:	15.0
			b) Total Ht. Of stack from RL(M)	:	-
Sulpher Content (% by Wt)	:	-	c) Ht. of sampling port from GL(M)	:	4.2
Ash Content (% by Wt.)	:	-	d) Ht. of port from disturbance zone (M)	:	2.7
Pollution Control Device	:	Bag Filter			
Whether Stack is provided with permanent Platform / Ladder : Yes					

B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	:	31	**Steam Generation Capacity :**		
Barometric Pressure,(mm Hg)	:	757	a) Rated	:	-
Velocity of Gas flow (m/s)	:	8.51	b) Running	:	-
Quantity of Gas flow (Nm^3/hr)	:	2116.56	**Load :** a) Rated	:	-
Pressure	:	-	b) Running	:	100 TPD

C.] RESULT OF SAMPLING:

Sl. No.	Parameters		Result Obtained
01.	Particulate Matter (mg/Nm^3)	:	20.0
02.	Particulate Matter Normalized to 12% CO_2 (V/V) - (mg/Nm^3)	:	-
03.	Sulphur di-oxide (mg/Nm^3)	:	-
04.	NOx (mg/m^3)	:	-
05.	CO % (V/V)	:	-
06.	CO_2 % (V/V)	:	<0.2
		:	<0.2

Prepared By: N. Mondal

Checked By: A. Patra

For, **INDICATIVE CONSULTANT INDIA**

Debasis Halder
(Sr. Chemist)
Signatory Authority

INDICATIVE CONSULTANT INDIA ICI Consultant Surveyor & Regd. Test House HALDIA

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Thimbles) is 180 days & thimbles no T- 159 from the date of issue unless otherwise specified.
7. All general information's of stack are provided by the party.

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

INDICATIVE CONSULTANT INDIA

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ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No.: TC-6159

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TEST REPORT

Date: 01.12.2020		**Report No: ICI/HL/A/PTC-854/2020**	**Format No: ICI/FM/H/58**		
Customer Name	:	**M/s. Visaka Industries Ltd.**	**Sample ID No**	:	2020/PA-854
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	**Sampling Date**	:	27.11.2020
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	**Sampling Time**	:	12:20 PM
			Analysis Start Date	:	30.11.2020
Work Order No.	:	36387, Dtd. 11.11.2020	**Analysis complete Date**	:	30.11.2020
Sample Description	:	**Stack Air**			
Location	:	**E.R. Mill & Automatic Bag Opening Device**			
Sample Condition	:	In Glass Microfibre Thimble			
Sampling Method	:	CPCB, Emission Regulation (Part III)			
Test Method		CPCB, Emission Regulation (Part III), IS 11255 (Part -1): 1985 (RA 2019), IS 11255 (Part -3): 2008 (RA 2018), ORSAT Method.			

A.] GENERAL INFORMATION ABOUT STACK:

Particulars of the Plant					
Stack attached to	:	**E.R. Mill & Automatic Bag Opening Device**	Shape of Stack	:	Circular
			Material of Construction	:	M.S.
Emission due to	:	Process Activity	Stack ID at sampling point (M)	:	0.40
Fuel Used	:	-	At Bottom (M)	:	-
Rated Fuel Consumption	:	-	At Top (M)	:	0.40
Working Fuel Consumption	:	-	***Height Details :***		
Calorific Value(Kcal/kg)	:	-	a) Total Ht. Of stack from GL(M)	:	18.0
			b) Total Ht. Of stack from RL(M)	:	-
Sulpher Content (% by Wt)	:	-	c) Ht. of sampling port from GL(M)	:	9.8
Ash Content (% by Wt.)	:	-	d) Ht. of port from disturbance zone (M)	:	3.3
Pollution Control Device	:	Bag Filter With Wet Scrubber			
Whether Stack is provided with permanent Platform / Ladder : Yes					

B.] PHYSICAL DATA:

Flue Gas Temperature (°C)	:	31	**Steam Generation Capacity :**		
Barometric Pressure,(mm Hg)	:	757	a) Rated	:	-
Velocity of Gas flow (m/s)	:	8.02	b) Running	:	-
Quantity of Gas flow (Nm^3/hr)	:	3545.93	**Load :** a) Rated	:	-
Pressure	:	-	b) Running	:	1.5 TPH

C.] RESULT OF SAMPLING:

Sl. No.	Parameters		Result Obtained
01.	Particulate Matter (mg/Nm^3)	:	1.8
02.	Particulate Matter Normalized to 12% CO_2 (V/V) - (mg/Nm^3)	:	-
03.	Sulphur di-oxide (mg/Nm^3)	:	-
04.	NOx (mg/m^3)	:	-
05.	CO % (V/V)	:	<0.2
06.	CO_2 % (V/V)	:	<0.2

Prepared By: N. Mondal

Checked By: A. Patra

For, **INDICATIVE CONSULTANT INDIA**

Debashis Halder
(Sr. Chemist)
Signatory Authority

INDICATIVE CONSULTANT INDIA Consultant Surveyor & Regd. Test House HALDIA

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Thimbles) is 180 days & thimbles no. T- 160 from the date of issue unless otherwise specified.
7. All general information's of stack are provided by the party.

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

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007 ISO/IEC 17025:2017 Certificate No.: TC-6159

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

Towards Sustainable Growth

TEST REPORT

Date: 01.12.2020		Report No: ICI/HL/A/PTC-853/2020	Format No: ICI/FM/H/58		
Customer Name	:	M/s. Visaka Industries Ltd.	Sample ID No	:	2020/PA-853
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, P.S. - Salboni, Paschim Medinipur, Pin - 721147	Sampling Date	:	27.11.2020
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. 8170064044	Sampling Time	:	10:20 AM
Work Order No.	:	36387, Dtd. 11.11.2020	Analysis Start Date	:	30.11.2020
Sample Description	:	Stack Air	Analysis complete Date	:	30.11.2020
Location	:	Fly Ash Slurry Preparation Tank			
Sample Condition	:	In Glass Microfibre Thimble			
Sampling Method	:	CPCB, Emission Regulation (Part III)			
Test Method		CPCB, Emission Regulation (Part III), IS 11255 (Part -1): 1985 (RA 2019), IS 11255 (Part -3): 2008 (RA 2018), ORSAT Method.			

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 :***		
			a) Total Ht. Of stack from GL(M)	:	15.0
Sulpher Content (% by Wt)	:	-	b) Total Ht. Of stack from RL(M)	:	-
Ash Content (% by Wt.)	:	-	c) Ht. of sampling port from GL(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)	:	30	**Steam Generation Capacity :**		
Barometric Pressure,(mm Hg)	:	757	a) Rated	:	-
Velocity of Gas flow (m/s)	:	7.76	b) Running	:	-
Quantity of Gas flow (Nm^3/hr)	:	1936.39	**Load :** a) Rated	:	-
Pressure	:	-	b) Running	:	70 TPD

C.] RESULT OF SAMPLING:

Sl. No.	Parameters		Result Obtained
01.	Particulate Matter (mg/Nm^3)	:	1.7
02.	Particulate Matter Normalized to 12% CO_2 (V/V) - (mg/Nm^3)	:	-
03.	Sulphur di-oxide (mg/ Nm^3)	:	-
04.	NOx (mg/m^3)	:	-
05.	CO % (V/V)	:	<0.2
06.	CO_2 % (V/V)	:	<0.2

Prepared By: N. Mondal

Checked By: A. Patra

For, INDICATIVE CONSULTANT INDIA

Debasis Halder
(Sr. Chemist)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Thimbles) is 180 days & thimbles no. T- 161 from the date of issue unless otherwise specified.
7. All general information's of stack are provided by the party.

INDICATIVE CONSULTANT INDIA ICI Consultant Surveyor & Regd. Test House HALDIA

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

VISAKA INDUSTRIES LIMITED®
CIN: L52520TG1981PLC003072

FACTORY: MANIKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT, TAMIL NADU - 637 207
TEL: 99424-65086 & 79041-91384, www.visaka.in email: environment.paramathi@visaka.in

ASBESTOS FIBRE COUNTING CELL

Achieved a "1" rating Laboratory for counting of Asbestos Fibre by INSTITUTE OF OCCUPATIONAL MEDICINE, Edinburgh, U.K., World Health Organization Collaborating Centre for Occupational Health

AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS OCTOBER – 2020

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
STATIC SAMPLING					
1	21-10-2020	422-2020-10-3-46	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	21-10-2020	423-2020-10-3-11	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

07-NOVEMBER-2020
PARAMATHI – T.N.

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

VISAKA INDUSTRIES LIMITED®

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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
PERSONAL SAMPLING					
1	20-10-2020	416-2020-10-3-1	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	20-10-2020	417-2020-10-3-24	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.057
3	20-10-2020	418-2020-10-3-36	Forklift Driver While Carrying Fibre Bags	The forklift driver carrying the sampler was engaged in loading of AC sheets at loading area during the sampling.	< 0.1 0.008
4	20-10-2020	419-2020-10-3-3	Salvaging Area	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 0.037
5	21-10-2020	420-2020-10-3-19	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles along with other workers. He was using PPE's.	< 0.1 0.049
6	21-10-2020	430-2020-10-3-44	Sheet Cutting Area	The worker carrying the sampler was engaged in operation of cutting the AC broken sheets. He was using PPE's.	< 0.1 0.041

07-NOVEMBER-2020
PARAMATHI – T.N.

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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
STATIC SAMPLING					
1	21-11-2020	476-2020-11-3-18	CCB Section	The static sample is collected from CCB section. The plant was in production of Fibre cement sheets.	< 0.1 0.008
2	21-11-2020	477-2020-11-3-11	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 0.065

04-DECEMBER-2020
PARAMATHI – T.N.

T. MURUGANANDHAM – SR. OFFICER (EHS)
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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
PERSONAL SAMPLING					
1	20-11-2020	470-2020-11-3-1	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 0.025
2	20-11-2020	471-2020-11-3-24	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.041
3	20-11-2020	472-2020-11-3-36	Forklift Driver While Carrying Fibre Bags	The forklift driver carrying the sampler was engaged in loading of AC sheets at loading area during the sampling.	< 0.1 0.020
4	20-11-2020	473-2020-11-3-3	Salvaging Area	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 0.016
5	21-11-2020	474-2020-11-3-19	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles along with other workers. He was using PPE's.	< 0.1 0.033
6	21-11-2020	475-2020-11-3-44	Sheet Cutting Area	The worker carrying the sampler was engaged in operation of cutting the AC broken sheets. He was using PPE's.	< 0.1 0.074

04-DECEMBER-2020
PARAMATHI – T.N.

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AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS DECEMBER – 2020

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
PERSONAL SAMPLING					
1	26-12-2020	530-2020-12-3-1	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	26-12-2020	531-2020-12-3-24	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.016
3	26-12-2020	532-2020-12-3-36	Forklift Driver While Carrying Fibre Bags	The forklift driver carrying the sampler was engaged in loading of AC sheets at loading area during the sampling.	< 0.1 0.025
4	26-12-2020	533-2020-12-3-3	Salvaging Area	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	28-12-2020	534-2020-12-3-19	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles along with other workers. He was using PPE's.	< 0.1 0.057
6	28-12-2020	535-2020-12-3-44	Sheet Cutting Area	The worker carrying the sampler was engaged in operation of cutting the AC broken sheets. He was using PPE's.	< 0.1 0.037

12-JANUARY-2021
PARAMATHI – T.N

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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
STATIC SAMPLING					
1	28-12-2020	536-2020-12-3-46	LDO Tank Area	The static sample is collected nearby LDO storage tank. The plant was in production of Fibre cement sheets.	< 0.1 0.012
2	28-12-2020	537-2020-12-3-11	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

12-JANUARY-2021
PARAMATHI – T.N

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AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS JANUARY – 2021

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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
PERSONAL SAMPLING					
1	13-01-2021	30-2021-1-3-1	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	13-01-2021	31-2021-1-3-24	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.041
3	13-01-2021	32-2021-1-3-36	Forklift Driver While Carrying Fibre Bags	The forklift driver carrying the sampler was engaged in loading of AC sheets at loading area during the sampling.	< 0.1 0.033
4	13-01-2021	33-2021-1-3-3	Salvaging Area	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	15-01-2021	34-2021-1-3-19	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles along with other workers. He was using PPE's.	< 0.1 0.074
6	15-01-2021	35-2021-1-3-44	Sheet Cutting Area	The worker carrying the sampler was engaged in operation of cutting the AC broken sheets. He was using PPE's.	< 0.1 0.090

25-JANUARY-2021
PARAMATHI – T.N

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AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS
JANUARY – 2021

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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 (IS : 11450) Method.

Sampling Duration : 60 Minutes.

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
STATIC SAMPLING					
1	15-01-2021	36-2021-1-3-31	Main Gate	The static sample is collected from near Main gate. The plant was in production of Fibre cement sheets.	< 0.1 0.020
2	15-01-2021	37-2021-1-3-11	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 0.037

25-JANUARY-2021
PARAMATHI – T.N

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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
PERSONAL SAMPLING					
1	22-02-2021	101-2021-2-3-1	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 0.082
2	22-02-2021	102-2021-2-3-24	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.057
3	22-02-2021	103-2021-2-3-36	Forklift Driver While Carrying Fibre Bags	The forklift driver carrying the sampler was engaged in loading of AC sheets at loading area during the sampling.	< 0.1 0.041
4	22-02-2021	104-2021-2-3-3	Salvaging Area	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 0.074
5	23-02-2021	105-2021-2-3-19	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles along with other workers. He was using PPE's.	< 0.1 0.098
6	23-02-2021	106-2021-2-3-44	Sheet Cutting Area	The worker carrying the sampler was engaged in operation of cutting the AC broken sheets. He was using PPE's.	< 0.1 0.065

08-MARCH-2021
PARAMATHI – T.N

T. MURUGANANDHAM – SR. OFFICER (EHS)
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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
STATIC SAMPLING					
1	23-02-2021	107-2021-2-3-46	LDO Tank Area	The static sample is collected nearby LDO storage tank. The plant was in production of Fibre cement sheets.	< 0.1 0.049
2	23-02-2021	108-2021-2-3-11	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 0.057

08-MARCH-2021
PARAMATHI – T.N

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

VISAKA INDUSTRIES LIMITED®
CIN: L52520TG1981PLC003072

FACTORY: MANIKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT, TAMIL NADU - 637 207
TEL: 99424-65086 & 79041-91384, www.visaka.in email: environment.paramathi@visaka.in

ASBESTOS FIBRE COUNTING CELL

Achieved a "1" rating Laboratory for counting of Asbestos Fibre by INSTITUTE OF OCCUPATIONAL MEDICINE, Edinburgh, U.K., World Health Organization Collaborating Centre for Occupational Health

AN EXTRACT OF WORK ZONE FIBRE COUNTING RESULTS
MARCH – 2021

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
PERSONAL SAMPLING					
1	22-03-2021	166-2021-3-3-1	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	22-03-2021	167-2021-3-3-11	Loading Platform	The worker carrying the sampler was working in FG loading section. He was using PPE's.	< 0.1 0.033
3	22-03-2021	168-2021-3-3-6	Forklift Driver While Carrying Fibre Bags	The forklift driver carrying the sampler was engaged in loading of AC sheets at loading area during the sampling.	< 0.1 0.025
4	22-03-2021	169-2021-3-3-2	Salvaging Area	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 0.057
5	23-03-2021	170-2021-3-3-25	Moulding Section	The worker carrying the sampler making AVS 10 moulded articles along with other workers. He was using PPE's.	< 0.1 0.065
6	23-03-2021	171-2021-3-3-44	Sheet Cutting Area	The worker carrying the sampler was engaged in operation of cutting the AC broken sheets. He was using PPE's.	< 0.1 0.074

02-APRIL-2021
PARAMATHI – T.N

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

VISAKA INDUSTRIES LIMITED®
CIN: L52520TG1981PLC003072

FACTORY: MANIKANATHAM-VILLAGE, PARAMATHI-POST, NAMAKKAL-DISTRICT, TAMIL NADU - 637 207
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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
STATIC SAMPLING					
1	23-03-2021	172-2021-3-3-43	QC-Laboratory	The static sample is collected from QC Laboratory. The plant was in production of Fibre cement sheets.	< 0.1 0.008
2	23-03-2021	173-2021-3-3-8	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

02-APRIL-2021
PARAMATHI – T.N

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

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

VISAKA

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

Year -2020-21 (Oct-20 to Mar-21)

Month	Asbestos sheets production (MT)	Qty of Asbestos used in process (MT)
Oct-20	8606.573	617.2149
Nov-20	9448.030	669.279
Dec-20	8643.429	604.4024
Jan-21	9478.201	660.510
Feb-21	9278.599	667.45
Mar-21	9961.046	690.22
Total	55415.878	3909.076

c. Contact person of Your Organization /unit

		Signature of the authority (seal & date)
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	VISAKA INDUSTRIES LTD.
E-mail address:--	biplab.banerjee@visaka.in	Biplab Banerjee
Fax No:--	03227/285854	(Asst. Works Manager)
Telephone:--	8170064048	

Lifeline
DIAGNOSTIC
Ph. (03222) 255607
Mob. 9434259962
9932218981
e_mail- sanjoypain@gmail.com
AREA : RABINDRANAGAR
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 Reports.**

No Asbestos related disease are found in them.

Date :

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

27/03/21

VISAKA INDUSTRIES LIMITED, MIDNAPORE DIVISION

MEDICAL CHECK UP LIST FOR STAFF - 2020-20211

SNO	NAME	EMP.NO	DATE OF BIRTH	DATE OF JOINING	AGE	HT/CMS	WT/KGS	DESIGNATION	BLOOD GROUP	BLOOD PRESSUR SYS	BLOOD PRESSUR DIA	HB in gm%	WBC	N	L	M	E	B	ESR mm/1hr	RBS	Sputum AFB	VISION	X-RAY	CHEST EXPIONS	EYE RIGHT	EYE LEFT	EAR RIGHT	EAR LEFT	NOSE RIGHT	NOSE LEFT	THROAT
1	SUMANTA DAS	10550	22-05-1972	01-01-2003	49	166	60	Asst. Officer Prod.	B(+)	140	86	13.0	7200	67	24	2	7	0	24	190	NF		W.N.L	89/92							
2	SUDIPTA DAS	10537	11-02-1971	04-01-2003	50	158	67	Jr Chemist	A(+)	116	78	12.7	7200	60	33	2	5	0	116	122	NF		W.N.L	100/102							
3	AJIT UPADHYAY	10568	04-11-1969	01-08-2003	51	172	70	Lab Asst.	B(+)	124	84	12.4	5800	63	30	02	5	0	21	98	NF		W.N.L	92/90							
4	AMITAV PATRA	10564	06-11-1977	01-08-2003	43	170	65	Asst. Officer.	A(+)	130	86	13.6	5400	68	26	02	04	0	17	96	NF		W.N.L	96/100							
5	SUBRATA SANTRA	10567	09-02-1984	01-08-2003	37	162	48	Asst. Officer.	B(+)	122	80	12.9	6200	63	30	02	05	0	20	94	NF		W.N.L	91/92							
6	VIVEKANDA SAMANTA	10566	09-08-1972	01-08-2003	44	163	66	Asst. Officer	AB(+)	126	84	12.5	6100	71	22	2	5	0	15	149	NF		W.N.L	95/96							
7	CHANCHAL SARKAR	10709	12-03-1979	01-11-2005	42	172	56	Officer Pruchase	A(+)	120	80	13.5	6200	60	30	2	5	0	18	106	NF		W.N.L	81/82							
8	SAMIR KUMAR BISWAS	10726	11-05-1982	01-01-2006	39	165	62	Engineer	A(+)	118	80	13.4	6300	69	22	2	7	0	18	124	NF		W.N.L	84/86							
9	SOUMIK GHOSH	10729	10-03-1985	01-01-2006	35	167	49	Jr. Executive	O(+)	120	80	13.1	5200	66	27	2	5	0	21	100	NF		W.N.L	87/89							
10	UJJWAL KANTI ROY	10767	17-04-1980	01-05-2006	41	166	59	Sr Lab Asst.	AB(+)	120	80	13.2	5400	63	30	02	05	0	14	114	NF		W.N.L	88/92							
11	BIJANKAR MAHANTI	10810	15-01-1978	11-10-2006	42	173	75	Manager	B(+)	124	80	14.1	6000	65	27	02	06	0	14	106	NF		W.N.L	95/103							
12	BUDDHADEB PRAMANIK	10854	15-10-1980	01-02-2007	40	168	68	Sr. Engineer	A(+)	130	86	13.3	7200	63	30	02	05	0	20	119	NF		W.N.L	95/98							
13	SIBA PRASAD HATI	10919	12-03-1982	01-09-2007	38	166	70	Asst. Officer.	O(+)	122	82	13.2	5900	69	22	02	07	0	28	86	NF		W.N.L	100/103							
14	SRABANI ALI	10961	01-03-1987	01-01-2008	34	170	61	Q.C. Checker	O(+)	116	78	13.6	6300	60	33	2	5	0	14	109	NF		W.N.L	89/94							
15	SHYAMALKR MUNDAL	11018	02-01-1966	02-06-2008	55	173	74	Asst Manager	B(+)	132	76	13	5600	73	20	2	5	0	19	126	NF		W.N.L	84/86							
16	PADMALOCHAN MAHAANA	11101	04-07-1984	01-10-2009	40	170	72	Accounts	B(+)	116	78	12.8	6200	74	20	2	4	0	9	110	NF		W.N.L	96/96							
17	SEKHAR PATRA	10543	04-03-1978	12-02-2003	43	159	68	Supervisor	B(+)	120	80	12.9	6900	64	72	02	07	0	14	112	NF		W.N.L	91/97							
18	SNEHASIS SINHA	10570	14-07-1973	01-10-2003	48	168	58	Supervisor	A(+)	120	76	12.8	6200	63	24	02	06	0	25	118	NF		W.N.L	84/86							
19	BUDDHADEB HALDAR	10544	03-05-1979	21-02-2003	42	157	58	Foreman	A(+)	120	80	13.5	5800	58	37	02	05	0	19	120	NF		W.N.L	90/90							
20	SAGNIK GHOSH	10552	20-09-1978	06-04-2003	42	161	58	Foreman	O(+)	116	74	13.5	6200	67	24	2	7	0	22	115	NF		W.N.L	89/91							
21	RAJESH BIDUA	11263	05-04-1981	01-01-2010	40	170	62	Jr. Executive	A(+)	116	78	13.0	6200	64	28	02	06	0	17	98	NF		W.N.L	88/90							
22	SARKAR CHAKRABORTY	11364	11-03-1983	01-01-2010	37	170	64	Jr Chemist	A(+)	120	80	12.2	7400	60	32	02	06	0	13	152	NF		W.N.L	88/92							
23	SUNIL CHANDA	11491	06-01-1984	03-11-2010	37	165	75	Jr. Executive.	O(+)	138	86	12.8	7100	64	29	02	05	0	13	216	NF		W.N.L	96/98							
24	AVISHEK BHATTACHARYA	11797	23-05-1986	01-02-2011	35	165	65	Engineer	A(+)	124	84	14.5	5200	69	22	2	7	0	20	102	NF		W.N.L	96/98							
25	JOYDEV GHOSH	11806	13-10-1984	15-02-2011	36	164	66	Sr. Lab Asst.	A(+)	130	86	14.0	6300	64	29	02	05	0	20	119	NF		W.N.L	88/92							
26	BIDYANKAR ROY	11978	06-02-1987	19-04-2011	34	168	63	Asst Engineer	A(+)	122	80	14.2	6600	68	24	02	06	0	18	121	NF		W.N.L	89/93							
27	SUMANTA ROY	11914	16-02-1989	17-05-2011	32	175	90	Jr Engineer	A(+)	120	80	13.8	5600	66	28	2	4	0	10	115	NF		W.N.L	97/100							
28	RABI GAYEN	11925	08-06-1983	11-06-2011	38	166	66	Sr Lab Asst.	A(+)	120	80	14.3	5800	63	30	2	5	0	13	123	NF		W.N.L	90/92							
29	SOUMEN BANERJEE	12094	16-04-1983	19-12-2011	37	169	83	Jr. Executive.	B(+)	128	84	12.8	600	67	28	02	03	0	18	122	NF		W.N.L	92/94							
30	DEBASIS DEY	12796	06-11-1983	19-11-2012	37	176	95	Safety Officer	AB(+)	138	90	12.9	7100	65	29	02	04	0	15	286	NF		W.N.L	112/114							
31	SOMNATH AMBULI	16704	05-06-1984	09-04-2013	37	169	68	Sr. Engineer	B(+)	114	74	13.0	5800	60	33	2	5	0	20	132	NF		W.N.L	93/97							
32	SUBRATA SARKAR	12620	07-04-1988	16-08-2013	33	166	59	Sr Asst. Despatch	B(+)	118	80	13.3	5100	69	23	1	7	0	16	110	NF		W.N.L	85/86							
33	KALYAN PAL	12621	07-08-1991	16-08-2013	29	176	85	Jr Engineer	B(+)	116	80	14.2	6200	71	22	2	5	0	15	108	NF		W.N.L	82/84							
34	DINESH KUMAR PAL	12728	02-03-1989	14-04-2013	32	166	63	Sr Assistant	O(+)	120	80	13.0	6300	60	34	2	4	0	17	118	NF		W.N.L	81/82							
35	ANIKET SAHOO	12903	13-04-1991	01-01-2015	30	169	61	Junior Engineer	A(+)	122	82	13.2	5800	69	23	02	06	0	21	99	NF		W.N.L	88/92							
36	SATYANATH PANDA	12919	23-05-1978	21-03-2015	44	169	62	Asst Manager	AB(+)	120	80	13.0	6300	72	20	02	06	0	18	112	NF		W.N.L	88/92							
37	BUDDHADEB DHENUA	12999	01-04-1988	04-09-2015	33	165	59	Sheet Checker	B+	116	74	13.0	500	69	24	02	04	00	16	96	NF		W.N.L	86/88							
38	KOUSHIK PATRA	13116	10-05-1991	25-07-2016	30	168	56	Sheet Checker	B+	118	68	12.8	6200	73	20	02	05	0	18	100	NF		W.N.L	90/92							
39	RAJ KUMAR DAS	13292	05-04-1989	20-02-2017	32	171	65	Asst. Accounts	AB(+)	116	76	14.2	600	72	20	2	6	0	8	98	NF		W.N.L	88/92							
40	BIPLAB BANERJEE	13435	02-12-1969	01-06-2017	51	170	70	A.W.M	B+	124	82	13.2	5900	68	26	02	04	0	9	258	NF		W.N.L	92/94							
41	RAJARSHI MAJUMDER	13797	01-03-1987	21-01-2020		175	78	Officer Store	B+	116	78	13.1	5900	71	22	02	05	0	18	92	NF		W.N.L	91/96							
42	AVIK KUMAR GHOSH	13803	27-12-1990	05-02-2020	30	166	66	Jr Engineer	O+	120	80	14.3	6200	62	30	02	05	0	15	105	NF		W.N.L	86/92							
43	SUDIPTA BISAI	13442	26-03-1992	03-04-2020	29	165	71	Assistant HR	O+	120	76	13.2	5500	60	33	02	05	0	18	90	NF		W.N.L	86/88							
44	SAMIR DEY	17600	04-01-1969	02-03-2020	51	175	85	Dy Manager	A+	120	80	13.6	5800	72	20	2	6	0	15	102	NF		W.N.L	92/90							

15/03/21

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

VISAKA INDUSTRIES LIMITED, MIDNAPORE DIVISION

(MEDICAL CHECK UP LIST FOR WORKERS- 2020-2021)

SI	NAME	EMP NO.	DATE OF BIRTH	DATE OF JOINING	AGE	HT/CMS	WT/KGS	DESIG	BLOOD GROUP	BLOOD PRESSUR SYS	BLOOD PRESSUR DIS	Hb (in gm/dl)	WBC	N	L	M	E	B	ESR mm/1hr	BBS	Sputum AFB	⅔ ⅔	X-RAY	CHEST RX/(TPA)	PMC PRE	PMC POST	PMC PRE	PMC POST	PMC PRE	PMC POST	SUMMARY
1	JAGADANDHU MAHATA	10542	25-12-1977	05-02-2003	43	168	65	Ope/Tech.	O+	124	76	14.1	5900	64	29	2	5	0	15	108	NF		W.N.L	87/91							
2	SUDIP MONDAL	10543	27-01-1982	28-03-2003	39	165	52	Ope/Tech.	O+	120	80	13.9	6000	64	29	2	5	0	16	120	NF		W.N.L	85/96							
3	P. SAURBHUDAN BAG	10549	01-01-1978	01-04-2003	43	151	50	Ope/Tech.	O+	120	80	12.6	7500	64	29	2	5	0	13	178	NF	NORMAL	W.N.L	88/90							
4	GOUTAM MAHATA	10550	01-01-1980	03-04-2003	41	166	64	Ope/Tech.	O+	124	90	13.0	6700	71	22	2	5	0	10	96	NF		W.N.L	76/78							
5	ARUP RAJAK	10565	19-02-1981	01-08-2003	40	174	75	Ope/Tech.	O-	116	76	14.0	7400	60	33	2	5	0	24	134	NF		W.N.L	91/94							
6	MANOJ MAHATA	10569	10-10-1980	01-08-2003	40	168	60	Ope/Tech.	O+	122	82	13.2	5700	69	24	2	5	0	16	100	NF		W.N.L	86/91							
7	MANAS BISAI	10562	10-02-1980	01-08-2003	41	175	55	Ope/Tech.	B+	116	70	14.1	5900	60	33	2	5	0	10	92	NF		W.N.L	83/88							
8	SANJIB DUTTA	10572	27-11-1976	01-04-2003	44	164	56	Ope/Tech.	B+	112	76	13.4	5600	69	24	2	5	0	19	112	NF		W.N.L	82/90							
9	SASADHAR MAJATA	10574	02-03-1967	01-09-2003	54	173	68	Ope/Tech.	A+	114	76	12.7	6800	73	20	2	5	0	15	118	NF	NORMAL	W.N.L	86/92							
10	GOUTAM HALDAR	10577	02-05-1984	01-10-2003	37	159	54	Ope/Tech.	B+	118	80	13.2	7600	50	42	3	5	0	18	124	NF		W.N.L	91/92							
11	HARIDAS MANDAL	10578	25-12-1981	01-10-2003	39	164	72	Ope/Tech.	B+	118	80	14.0	6200	73	20	2	5	0	12	104	NF	NORMAL	W.N.L	90/92							
12	BHANU PANDEY	10580	29-10-1979	01-11-2003	41	166	66	Ope/Tech.	A+	118	85	13.0	5700	62	30	2	5	0	12	104	NF		W.N.L	88/95							
13	RAMESH BAIRAGI	10599	02-09-1982	01-06-2004	39	155	59	Ope/Tech.	O+	116	74	12.9	6800	64	29	2	5	0	13	98	NF	NORMAL	W.N.L	90/96							
14	BINOD KR. HAZRA	10665	19-03-1982	01-06-2005	39	154	56	Ope/Tech.	A+	116	78	13.1	6000	64	29	2	5	0	19	82	NF		W.N.L	89/91							
15	DEBASIS BANDI	10668	14-01-1980	01-09-2005	41	171	57	Ope/Tech.	O+	120	80	13.0	4600	64	29	2	5	0	15	113	NF		W.N.L	88/89							
16	ASHOK KR. SHAW	10672	26-06-1987	01-09-2005	34	180	84	Ope/Tech.	O+	126	80	14.6	5800	50	42	3	5	0	28	98	NF		W.N.L	86/98							
17	SANDIP MAHATA	10687	15-01-1982	01-09-2005	39	157	52	Ope/Tech.	A+	116	76	12.9	6800	50	42	3	5	0	13	117	NF		W.N.L	82/98							
18	SUGANTA GHOSH	10688	09-03-1982	01-09-2005	39	153	47	Ope/Tech.	A+	120	80	12.8	6800	58	26	2	4	0	11	96	NF		W.N.L	83/85							
19	DR. SATISH KUMAR	10705	15-02-1981	01-07-2006	40	167	75	Ope/Tech.	O+	118	86	12.9	6200	73	20	2	5	0	17	93	NF		W.N.L	86/90							
20	JAY RAM DERSINGHA	10813	06-04-1984	01-11-2006	37	170	50	Ope/Tech.	O+	124	84	13.9	5400	68	26	2	4	0	13	96	NF		W.N.L	81/88							
21	SUKANTA GHARAMI	10850	16-05-1985	01-02-2007	36	155	47	Ope/Tech.	B+	130	80	12.8	6800	60	33	2	5	0	22	119	NF		W.N.L	83/93							
22	SHIB BIRCH	10874	20-03-1981	01-05-2007	40	156	62	Ope/Tech.	B+	122	80	13.0	7000	68	26	2	4	0	14	102	NF		W.N.L	93/95							
23	BIDYUT DAS	10907	01-08-1985	01-07-2007	35	168	57	Ope/Tech.	A+	120	80	13.9	6100	71	22	2	5	0	10	112	NF		W.N.L	78/92							
24	MOJIL MAHATA	10921	29-06-1978	01-09-2007	43	169	63	Ope/Tech.	A+	126	76	13.0	5900	54	39	2	6	0	9	92	NF		W.N.L	85/87							
25	PRITARANJAN GHATA	11023	27-03-1981	01-03-2008	40	168	59	Ope/Tech.	O+	120	80	13.8	6100	50	42	3	5	0	18	118	NF		W.N.L	81/87							
26	BIJOY KR. BORAS	11085	01-11-1980	01-07-2008	40	160	66	Ope/Tech.	A+	122	82	13.2	5300	50	42	3	5	0	24	120	NF		W.N.L	90/96							
27	SOLMON PAL	11222	23-10-1989	01-10-2009	31	161	50	Ope/Tech.	A+	116	70	13.2	5900	69	24	2	5	0	21	106	NF		W.N.L	89/92							
28	BISWAJIT SAMANTA	11323	21-09-1982	01-10-2009	38	171	55	Ope/Tech.	AB+	112	76	14.2	5100	50	42	3	5	0	20	92	NF		W.N.L	90/94							
29	GANESH BARATA	10907	07-03-1986	01-09-2007	35	165	65	Jr.Ope	O+	114	76	12.1	6800	60	33	2	5	0	23	101	NF		W.N.L	82/94							
30	KARTIC CHALAK	10916	08-02-1989	01-09-2007	32	159	50	Jr.Ope	A+	118	80	12.5	6300	56	38	2	6	0	23	92	NF		W.N.L	81/94							
31	SUBHASH AHA	10919	01-03-1987	01-09-2007	33	166	55	Jr.Ope	B+	120	80	12.7	5400	50	42	3	5	0	15	87	NF		W.N.L	89/92							
32	GHANSHYAM PANDEY	10951	10-10-1986	01-10-2007	32	157	55	Jr.Ope	O+	118	80	12.8	6200	63	30	2	5	0	14	110	NF		W.N.L	82/94							
33	SK. KAMALUDDIN	11057	12-03-1987	02-07-2008	34	165	70	Jr.Ope	O+	126	74	13.2	7300	50	42	3	5	0	17	106	NF		W.N.L	93/99							
34	AMAL MAHATA	11055	09-05-1988	01-06-2008	33	162	61	Jr.Ope	A+	116	70	13.2	5200	68	26	2	4	0	11	88	NF		W.N.L	92/99							
35	SANJIB MANA	11073	01-01-1979	02-06-2008	42	165	62	Jr.Ope	B+	120	80	14.0	5400	64	29	2	5	0	20	98	NF		W.N.L	90/93							
36	SAMIT ADHIKARI	11098	12-04-1985	01-08-2008	35	164	46	Jr.Ope	B+	120	80	12.7	6300	63	30	2	5	0	20	190	NF		W.N.L	76/95							
37	ANTU GHOSH	11105	21-04-1989	02-08-2008	31	167	60	Jr.Ope	B+	116	76	13.8	6100	73	20	2	5	0	15	86	NF		W.N.L	88/95							
38	SANTU DUGAI	11128	01-05-1987	01-10-2008	34	168	65	Jr.Ope	B+	120	80	13.0	5600	54	38	2	6	0	10	107	NF		W.N.L	81/95							
39	SANKAR MONDAL	11397	25-04-1976	01-03-2010	45	166	65	Ope/Tech.	B+	118	85	12.8	5800	50	42	3	5	0	35	119	NF		W.N.L	95/97							
40	SUGATA PAN	11432	01-05-1990	02-12-2009	31	166	60	Jr.Ope	A+	124	84	13.0	5200	61	30	02	5	0	12	98	NF		W.N.L	85/96							
41	BINTU BHUNIA	11743	16-05-1984	01-06-2009	37	157	54	Jr.Ope	A+	130	86	12.2	5900	73	20	2	5	0	8	156	NF		W.N.L	87/89							
42	RAMPADA MAHATA	11772	24-01-1989	01-07-2009	32	159	55	Jr.Ope	O+	122	80	12.9	5700	60	33	2	5	0	19	102	NF		W.N.L	86/89							
43	SWARNA KAMAL SHIT	11774	19-06-1980	01-01-2011	33	173	71	Ope/Tech.	AB+	124	82	14.0	5600	73	20	2	5	0	13	120	NF		W.N.L	86/92							
44	BUDDHADEV PANJA	11775	21-02-1990	01-01-2011	31	168	50	Ope/Tech.	B+	120	80	14.0	5400	66	25	2	4	0	11	89	NF		W.N.L	79/81							
45	SUKUMAR MAHATA	11099	24-03-1990	02-10-2009	31	164	60	Jr.Ope	B+	124	76	13.6	6700	71	22	2	5	0	10	96	NF		W.N.L	88/92							
46	BANAT MAHATA	11411	05-11-1988	01-11-2009	32	171	51	Jr.Ope	A+	120	80	13.0	5900	71	22	2	5	0	10	102	NF		W.N.L	86/88							
47	PRASENJIT DAS	11866	25-01-1997	07-07-2011	18	156	48	Ope/Tech.	A+	120	80	12.8	700	68	26	2	4	0	21	120	NF		W.N.L	88/92							
48	SANDIP MONDAL	11967	02-04-1990	12-07-2011	30	171	62	Ope/Tech.	O+	124	80	13.8	5700	68	26	2	4	0	16	104	NF		W.N.L	90/94							
49	KOUSHIK ADHIKARY	12002	04-12-1990	01-07-2010	30	167	56	Jr.Ope	B+	116	76	14.2	5800	50	42	3	5	0	13	108	NF		W.N.L	92/95							
50	PRANAB BISWAS	12095	25-02-1989	01-07-2010	32	167	56	Jr.Ope	B+	122	82	13.6	4600	68	26	2	4	0	9	98	NF		W.N.L	86/90							
51	PRAKASH MAHATA	12101	10-04-1984	01-07-2010	37	165	54	Jr.Ope	A+	116	78	13.8	5400	63	30	2	5	0	12	93	NF		W.N.L	82/95							
52	TARUN ROY	12129	25-01-1986	01-09-2010	35	166	51	Jr.Ope	B+	112	76	12.9	6100	60	33	2	5	0	21	101	NF		W.N.L	83/87							
53	SANTANU BAG	12227	10-04-1991	01-08-2012	30	172	58	Ope/Tech.	B+	120	80	14.0	6800	60	33	2	5	0	12	86	NF		W.N.L	89/91							

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15/03/21

VISAKA INDUSTRIES LIMITED, MIDNAPORE DIVISION

[MEDICAL CHECK UP LIST FOR SANTOSH KUMAR MAHATA - 2020-2021]

S.NO	NAME	EMP NO	DATE OF BIRTH	DATE OF JOINING	AGE	HT/CMS	WT/KGS	DESIGNATION	BLOOD GROUP	BLOOD PRESSUR SYS	BLOOD PRESSUR DIS	HB in gm%	WBC	N	L	M	E	B	ESR mm/1hr	RBS	Sputum AFB	[illegible]	X-RAY	DIPST EXP(yrs)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SUMMARY
1	Ajit Mahata	SKM-1	14-May-1981	22-Jun-2009	40	167	61	Contractor Worker	B+	130	86	14.0	5800	68	29	2	4	0	16	126	NF		W.N.L	83/89								
2	Anadi Mahata	SKM-2	1-Jan-1980	1-Apr-2006	41	160	55	Contractor Worker	A+	122	80	12.8	5900	63	30	2	5	0	24	106	NF		W.N.L	88/91								
3	Barun Kumar Mahata	SKM-3	16-Dec-1974	1-Jun-2009	45	169	49	Contractor Worker	A+	120	80	12.6	7200	71	22	2	5	0	15	121	NF		W.N.L	81/85								
4	Bhaneswar Mahata	SKM-4	15-Jul-1979	1-Feb-2004	42	164	45	Contractor Worker	B+	120	80	13.0	6400	69	24	2	5	0	13	109	NF		W.N.L	76/81								
5	Bhaskar Ghosh	SKM-5	1-Jan-1982	1-Apr-2008	39	170	55	Contractor Worker	B+	120	84	13.2	8100	68	26	2	4	0	10	98	NF		W.N.L	83/86								
6	Dipak Mahata	SKM-6	15-Jul-1979	1-Feb-2004	42	165	56	Contractor Worker	A+	130	90	12.9	5600	64	29	2	5	0	19	80	NF		W.N.L	81/83								
7	Gobinda Mahata	SKM-7	15-Jul-1976	1-Jun-2009	45	176	62	Contractor Worker	O+	114	76	12.6	6200	60	33	2	5	0	21	103	NF		W.N.L	80/84								
8	Gopal Mahata	SKM-8	1-Jul-1976	1-Jan-2007	45	167	55	Contractor Worker	O+	122	76	13.0	6000	72	20	2	5	0	24	100	NF		W.N.L	81/86								
9	Jageswar Mahata	SKM-9	1-Jul-1978	1-Apr-2006	43	167	48	Contractor Worker	A+	118	76	12.8	8100	73	20	2	5	0	15	106	NF		W.N.L	81/83								
10	Jitadhar Mahato	SKM-10	15-Jul-1987	21-Jul-2009	34	170	64	Contractor Worker	A+	138	80	13.2	5800	62	30	2	5	0	9	87	NF		W.N.L	86/91								
11	Joydip Roy	SKM-11	12-Mar-1976	5-Jun-2009	45	165	58	Contractor Worker	B+	118	80	13.1	8100	68	26	2	4	0	18	112	NF		W.N.L	83/88								
12	Kadan Majumi	SKM-12	15-Jul-1978	1-Nov-2001	43	162	54	Contractor Worker	B+	118	80	13.6	6300	59	32	3	5	0	11	86	NF		W.N.L	86/91								
13	Mandu Dharan Mahata	SKM-13	15-Jul-1971	1-Nov-2003	50	154	45	Contractor Worker	B+	116	74	13.0	6200	73	20	2	5	0	26	116	NF		W.N.L	81/83								
14	Nishu Dolai	SKM-14	1-Jun-1984	1-Apr-2008	37	165	60	Contractor Worker	B+	116	78	12.8	7200	71	22	2	5	0	13	78	NF		W.N.L	76/81								
15	Nirmal Chandra Singh	SKM-15	7-Jan-1975	1-Jun-2009	46	163	53	Contractor Worker	O+	120	80	12.9	8100	68	26	0	4	0	20	92	NF		W.N.L	83/86								
16	Pulip Mahata	SKM-16	28-Oct-1976	2-Jan-2012	46	153	46	Contractor Worker	A+	120	80	12.0	5800	54	38	2	6	0	32	82	NF		W.N.L	82/86								
17	Palash Singh	SKM-17	15-Jul-1983	1-Apr-2005	36	158	44	Contractor Worker	O+	116	76	12.8	8000	71	22	2	5	0	24	84	NF		W.N.L	88/91								
18	Prasanta Singh	SKM-18	2-Apr-1986	8-Jun-2009	35	159	55	Contractor Worker	B+	120	80	13.2	7200	54	38	2	6	0	20	88	NF		W.N.L	78/81								
19	Ranjit Singh	SKM-19	15-Jul-1977	1-Nov-2003	44	158	46	Contractor Worker	A+	110	80	12.9	6500	68	26	2	4	0	21	98	NF		W.N.L	83/86								
20	Sanat Mahata	SKM-21	1-Jan-1986	10-Jan-2007	35	158	52	Contractor Worker	A+	124	84	13.0	7400	64	29	2	5	0	8	68	NF		W.N.L	71/76								
21	Sanatan Dolai	SKM-22	1-Jun-1988	1-Apr-2008	33	164	44	Contractor Worker	B+	130	86	12.7	4800	60	33	2	5	0	13	90	NF		W.N.L	79/82								
22	Sanjay Mahato	SKM-23	1-Jan-1984	2-Jan-2012	37	171	54	Contractor Worker	O+	122	80	13.1	8200	60	30	2	5	0	24	81	NF		W.N.L	82/86								
23	Satish Mahata	SKM-24	15-Jul-1974	1-Nov-2003	47	161	55	Contractor Worker	B+	120	84	12.0	6300	66	26	2	4	0	33	111	NF		W.N.L	86/91								
24	Shakti Pada Maiti	SKM-25	1-Jan-1974	1-Jun-2009	48	172	75	Contractor Worker	O+	136	90	13.0	6000	60	34	2	5	0	30	102	NF		W.N.L	69/83								
25	Shishir Santra	SKM-26	1-Jan-1977	2-Jan-2007	44	168	60	Contractor Worker	B+	120	80	14.0	5900	71	22	2	5	0	15	98	NF		W.N.L	80/91								
26	Subhas Mahato	SKM-27	15-Jul-1979	1-Feb-2004	42	160	49	Contractor Worker	A+	120	80	13.2	9000	54	38	2	6	0	16	69	NF		W.N.L	79/85								
27	Sujit Singh	SKM-28	1-Jul-1984	1-Apr-2006	37	161	50	Contractor Worker	O+	116	76	13.1	5600	60	33	2	5	0	21	76	NF		W.N.L	81/84								
28	Susanta Mandal	SKM-29	6-Mar-1991	17-Jun-2009	30	161	52	Contractor Worker	O+	120	80	13.6	6200	73	20	2	5	0	20	93	NF		W.N.L	79/81								
29	Tapan Ghosh	SKM-30	21-Nov-1971	1-Jun-2009	49	160	56	Contractor Worker	O+	118	80	12.8	6400	69	26	2	4	0	14	117	NF		W.N.L	82/85								
30	Tapan Mahata (1)	SKM-31	15-Jul-1976	1-Apr-2005	45	158	53	Contractor Worker	O+	116	74	13.1	4900	50	42	3	5	0	15	116	NF		W.N.L	73/79								
31	Tapan Kr. Mahata (2)	SKM-32	15-Jul-1982	1-Apr-2005	39	158	47	Contractor Worker	O+	116	78	13.0	5900	64	29	2	5	0	16	109	NF		W.N.L	78/81								
32	Upal Singh	SKM-33	15-Jul-1985	1-Jun-2003	36	166	56	Contractor Worker	A+	120	80	12.9	6100	63	30	2	5	0	13	92	NF		W.N.L	84/86								
33	Umesh Mahata	SKM-34	15-Jul-1981	1-Apr-2005	40	160	59	Contractor Worker	B+	120	80	13.0	5800	68	26	2	4	0	22	88	NF		W.N.L	79/82								
34	Munto Mahata	SKM-35	10-Jan-1982	2-Aug-2016	39	165	60	Contractor Worker	B+	116	76	13.4	5400	60	33	2	5	0	10	80	NF		W.N.L	80/91								
35	Amal Dolai	SKM-36	11-Jun-1993	1-Jan-2019	28	167	50	Contractor Worker	B+	120	80	13.6	8000	54	39	2	5	0	10	92	NF		W.N.L	77/78								
36	Kanjal Lohar	SKM-37	16-Sep-1981	1-Dec-2010	39	160	52	Contractor Worker	A+	120	80	13.0	7200	64	29	2	5	0	15	90	NF		W.N.L	81/83								
37	Amit Mahata	BM-1	7-Aug-1987	6-Feb-2007	33	157	45	Contractor Worker	O+	114	76	12.6	5800	64	29	2	5	0	24	94	NF		W.N.L	77/78								
38	Barun Roy	BM-2	1-Jan-1980	2-Mar-2006	41	167	55	Contractor Worker	O+	118	80	12.9	6300	60	33	2	5	0	20	103	NF		W.N.L	81/84								
39	Bhadu Dolai	BM-3	15-Jul-1984	1-Jun-2009	47	152	42	Contractor Worker	A	118	80	13.1	7100	64	29	2	5	0	14	100	NF		W.N.L	80/90								
40	Bhakta Dolai	BM-4	1-Jan-1981	1-Feb-2009	40	168	59	Contractor Worker	O+	118	80	12.6	6200	71	22	2	5	0	21	86	NF		W.N.L	81/84								
41	Bhaktapada Ghosh	BM-5	15-Dec-1976	1-Feb-2007	50	163	48	Contractor Worker	A+	116	74	12.0	5900	68	26	2	4	0	13	98	NF		W.N.L	77/80								
42	Bimal Hansda	BM-6	20-Jun-1986	9-Jun-2009	32	169	65	Contractor Worker	A+	116	78	13.5	5100	64	29	2	5	0	15	109	NF		W.N.L	76/79								
43	Chhatarachan Ghosh	BM-7	1-Jan-1979	1-Jun-2009	42	170	71	Contractor Worker	AB+	120	80	13.2	6400	50	42	3	5	0	19	98	NF		W.N.L	80/82								
44	Chhatrajan Mahato	BM-8	15-Jul-1979	1-Jun-2009	42	157	56	Contractor Worker	O+	120	80	12.9	7200	60	33	02	05	0	14	64	NF		W.N.L	80/84								
45	Dipak Adhikari	BM-9	15-Jul-1972	14-Jul-2009	49	165	60	Contractor Worker	B+	116	76	12.6	6300	73	20	2	5	0	20	92	NF		W.N.L	80/84								
46	Dipak Mahata (1)	BM-10	20-Jun-1980	1-Sep-2011	33	167	57	Contractor Worker	O+	120	80	13.1	5900	68	26	2	4	0	22	91	NF		W.N.L	78/81								
47	Gour Mahato	BM-11	1-Jan-1989	1-Sep-2011	32	158	45	Contractor Worker	A+	118	80	13.0	6000	63	30	2	5	0	12	90	NF		W.N.L	82/87								
48	Jagannath Karmakar	BM-12	1-Jan-1980	2-Mar-2006	41	167	54	Contractor Worker	A+	124	84	12.8	5900	60	33	2	5	0	15	102	NF		W.N.L	79/80								
49	Jhuma Mahata (1)	BM-13	15-Jul-1972	1-Jun-2004	49	163	57	Contractor Worker	A+	120	86	13.0	8100	64	29	2	5	0	21	100	NF		W.N.L	85/87								
50	Jhuma Mahata (2)	BM-14	1-Jan-1981	15-Jul-2009	40	168	52	Contractor Worker	B+	122	80	12.7	7200	54	38	2	6	0	19	106	NF		W.N.L	85/86								
51	Jitendra Bhandari	BM-15	1-Jan-1968	12-Jul-2009	53	168	55	Contractor Worker	O+	120	80	13.3	5800	73	20	2	5	0	17	88	NF		W.N.L	84/86								
52	Kartik Mahato	BM-16	1-Jul-1983	22-Apr-2005	38	162	52	Contractor Worker	AB+	118	80	13.0	5600	60	33	2	5	0	15	82	NF		W.N.L	79/81								
53	Kartik Mandal	BM-17	25-Jan-1990	2-Jan-2009	31	152	44	Contractor Worker	A+	124	84	13.6	8000	71	22	2	5	0	18	93	NF		W.N.L	87/100								
54	Kashinath Mahato	BM-18	1-Jul-1975	10-Apr-2006	46	160	74	Contractor Worker	O+	120	80	12.0	6000	50	42	03	05	0	20	112	NF		W.N.L	82/84								
55	Khagen Mahata	BM-19	15-Jul-1987	2-Mar-2007	34	159	56	Contractor Worker	B+	122	80	12.8	5900	63	30	2	5	0	13	134	NF		W.N.L	84/86								
56	Madhu Mahato	BM-20	1-Jan-1979	1-Mar-2008	42	165	60	Contractor Worker	B+	124	82	13.0	8000	65	26	2	4	0	21	120	NF		W.N.L	82/86								
57	Mithun Mahato	BM-21	1-Jan-1980	2-Mar-2006	41	161	48	Contractor Worker	A+	120	80	12.8	6300	69	26	2	4	0	20	86	NF		W.N.L	82/84								
58	Mantu Hemram	BM-22	1-Jan-1965	8-Jun-2009	56	169	49	Contractor Worker	B+	124	76	13.2	8100	64	29	2	5	0	09	98	NF		W.N.L	80/87								
59	Mondu Roy	BM-23	2-Apr-1989	1-Feb-2009	32	162	50	Contractor Worker	AB+	120	80	13.0	8200	71	22	2	5	0	24	84	NF		W.N.L	80/82								
60	Murari Mahato	BM-24	1-Jan-1965	1-Sep-2011	56	153	45	Contractor Worker	B+	120	80	13.2	7000	63	30	2	5	0	22	90	NF		W.N.L	76/80								
61	Nandu Dolai	BM-25	15-Jul-1970	2-Jun-2009	51	162	55	Contractor Worker	O+	124	80	12.7	5900	63	30	2	5	0	15	100	NF		W.N.L	87/89								

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62	Nirmal Dalay	BM-26	4-Feb-1993	1-Feb-2007	38	163	54	Contractor Worker	AB+	118	80	13.1	6200	60	33	2	5	0	20	103	NF		W.N.L	60/85									
63	Pasupati Mahalia (1)	BM-27	1-Jan-1991	1-Jun-2009	40	160	60	Contractor Worker	A+	124	84	12.6	5800	64	26	2	5	0	13	92	NF		W.N.L	89/92									
64	Pinto Roy	BM-28	1-Apr-1991	1-Sep-2011	30	163	42	Contractor Worker	B+	130	86	13.6	5700	50	42	3	5	0	21	98	NF		W.N.L	82/86									
65	Prasanta Dalay	BM-29	15-Jul-1980	1-Jun-2009	38	167	50	Contractor Worker	AB+	122	80	13.6	7800	72	20	2	5	0	15	93	NF		W.N.L	60/92									
66	Bakhai Mahata	BM-30	1-Jul-1981	1-Jun-2009	40	155	42	Contractor Worker	O-	120	80	12.8	6200	60	33	2	5	0	18	92	NF		W.N.L	79/80									
67	Sanjoy Bhandari	BM-31	1-Jan-1985	1-Sep-2011	36	159	51	Contractor Worker	B+	118	80	13.3	8200	54	38	2	6	0	20	98	NF		W.N.L	79/84									
68	Subash Mahata	BM-32	1-Jan-1979	1-Jun-2009	42	160	54	Contractor Worker	O+	116	74	12.6	6700	64	29	2	5	0	21	245	NF		W.N.L	86/90									
69	Sunil Kumar Mandi	BM-33	15-Jan-1985	1-Feb-2009	36	158	56	Contractor Worker	B+	116	76	14.0	7200	72	20	2	5	0	15	96	NF		W.N.L	94/99									
70	Sunil Singh	BM-34	15-Jul-1979	9-Jun-2009	42	160	62	Contractor Worker	B+	120	80	13.0	7800	60	33	2	5	0	16	106	NF		W.N.L	98/98									
71	Sutanata Dalay	BM-35	15-Apr-1989	9-Jun-2009	32	160	43	Contractor Worker	A+	120	80	12.8	8900	68	30	2	5	0	21	92	NF		W.N.L	87/94									
72	Swapan Ghosh	BM-36	1-Jan-1976	17-Jul-2009	45	165	51	Contractor Worker	A+	116	76	12.6	7900	69	24	2	5	0	24	89	NF		W.N.L	80/93									
73	Swapan Mahata (1)	BM-37	1-Jan-1974	3-Mar-2006	47	160	55	Contractor Worker	O+	120	80	12.8	6300	68	26	2	4	0	13	260	NF		W.N.L	90/92									
74	Swapan Mahata-II	BM-38	1-Jan-1982	10-Nov-2009	39	160	59	Contractor Worker	B+	118	80	12.6	9300	50	42	3	5	0	12	90	NF		W.N.L	75/78									
75	Tapan Mahata	BM-39	15-Jul-1975	2-May-2005	46	169	54	Contractor Worker	O-	124	84	13.0	7200	71	22	2	5	0	15	91	NF		W.N.L	80/82									
76	Uttam Mahata	BM-40	15-Jul-1984	1-Jun-2004	37	158	55	Contractor Worker	B+	130	86	12.9	8000	64	29	2	5	0	16	88	NF		W.N.L	82/84									
77	Ashish Mahata	BM-41	29-Dec-1980	7-Aug-2016	40	165	56	Contractor Worker	B+	122	80	12.9	6200	68	27	2	4	0	14	82	NF		W.N.L	80/83									
78	Banga Roy	BM-42	8-Jan-1975	1-Aug-2016	46	162	55	Contractor Worker	B+	118	80	12.3	6200	69	24	2	5	0	16	98	NF		W.N.L	82/84									
79	Bibo Mahata	BM-43	23-Apr-1987	1-Aug-2016	34	154	43	Contractor Worker	AB+	124	84	12.9	7000	68	26	2	4	0	13	96	NF		W.N.L	82/84									
80	Nirmal Ghosh	BM-44	12-Aug-1976	7-Aug-2016	44	165	58	Contractor Worker	AB+	130	86	13.3	8000	54	38	2	5	0	25	88	NF		W.N.L	82/84									
81	Phatik Mahata	BM-45	15-Jul-1972	1-Aug-2016	49	167	54	Contractor Worker	A+	122	80	13.0	6500	60	26	2	4	0	14	106	NF		W.N.L	80/82									
82	Prasun Mahata	BM-46	17-Mar-1983	1-Aug-2016	38	153	45	Contractor Worker	O+	124	82	12.9	7200	71	22	2	5	0	21	114	NF		W.N.L	69/92									
83	Samar Dolai	BM-47	1-Jan-1980	1-Aug-2016	41	158	46	Contractor Worker	B+	120	80	13.2	8000	63	30	2	5	0	16	102	NF		W.N.L	80/82									
84	Shanti Mahata	BM-48	12-Feb-1968	12-Aug-2016	53	159	50	Contractor Worker	O+	124	76	12.9	8100	68	26	2	4	0	21	120	NF		W.N.L	87/89									
85	Sreenikar Singha	BM-49	16-Jan-1971	1-Aug-2016	46	158	46	Contractor Worker	A+	120	80	12.8	7600	58	42	3	5	0	26	100	NF		W.N.L	80/93									
86	Balaram Mahata	BM-50	1-Jan-1971	1-Dec-2016	50	159	46	Contractor Worker	A+	120	80	13.0	5600	68	30	2	5	0	18	96	NF		W.N.L	79/80									
87	Anjan Choubey	BM-1	7-Dec-1984	1-Sep-2010	33	181	90	Contractor Worker	B+	118	80	13.6	5800	80	26	2	4	0	12	102	NF		W.N.L	100/113									
88	Arun Mahata	BM-2	1-Jan-1981	6-Jun-2009	41	163	52	Contractor Worker	AB+	118	80	12.8	6200	73	20	2	5	0	18	100	NF		W.N.L	82/83									
89	Ashis Mandal	BM-3	15-Jul-1984	1-Nov-2004	37	154	72	Contractor Worker	O+	116	74	12.6	8400	64	29	2	5	0	29	112	NF		W.N.L	86/88									
90	Ashoke Mahata	BM-4	1-Mar-1966	1-Apr-2004	55	162	60	Contractor Worker	B+	116	76	13.2	6600	60	32	2	5	0	16	102	NF		W.N.L	80/84									
91	Bach Biswas	BM-5	23-May-1990	1-Jun-2004	21	160	56	Contractor Worker	A+	120	80	12.9	5600	68	26	2	4	0	16	79	NF		W.N.L	78/78									
92	Bubi Dolai	BM-6	26-Apr-1982	10-Jul-2009	39	150	54	Contractor Worker	A+	120	80	13.0	8000	71	20	2	5	0	13	102	NF		W.N.L	84/86									
93	Debasis Biswas	BM-7	2-Apr-1981	1-Jun-2009	38	162	50	Contractor Worker	O+	116	76	12.9	6000	64	29	2	5	0	19	118	NF		W.N.L	90/92									
94	Dilip Mahata	BM-8	15-Jul-1982	1-Nov-2004	35	150	65	Contractor Worker	A+	120	80	12.6	8900	69	23	2	5	0	21	100	NF		W.N.L	84/86									
95	Ganesh Biswas	BM-9	15-Jul-1982	1-Nov-2004	36	160	58	Contractor Worker	B+	118	80	12.9	7100	54	38	2	5	0	15	112	NF	NORMAL	W.N.L	84/86									
96	Gopalas Mondal	BM-10	10-Mar-1984	1-May-2003	37	162	55	Contractor Worker	B+	124	84	12.6	5800	68	26	2	4	0	16	88	NF		W.N.L	[illegible]									
97	Joydeb Mahata	BM-11	15-Jul-1978	1-Nov-2004	43	172	69	Contractor Worker	B+	118	80	13.0	6300	50	42	3	5	0	12	92	NF		W.N.L	84/90									
98	Kishore Choudary	BM-12	8-May-1986	5-Mar-2006	28	174	75	Contractor Worker	B+	122	80	13.1	6000	69	29	2	6	0	16	88	NF		W.N.L	94/95									
99	Laxmikanta Mahata	BM-13	1-Apr-1986	5-Apr-2006	35	163	62	Contractor Worker	A+	116	78	12.9	8200	60	33	2	5	0	22	100	NF		W.N.L	85/88									
100	Laxminarayan Mahato	BM-14	8-Mar-1985	2-Mar-2006	36	170	55	Contractor Worker	AB+	120	80	13.0	8000	73	20	2	5	0	24	90	NF		W.N.L	84/88									
101	Makhan Mandal	BM-15	15-Jul-1963	1-Jun-2009	53	160	64	Contractor Worker	O+	120	80	12.7	7300	63	30	2	5	0	18	124	NF		W.N.L	91/93									
102	Mithun Chakraborty	BM-16	14-Mar-1987	1-Mar-2006	34	161	50	Contractor Worker	A+	116	76	13.2	6200	66	32	2	5	0	28	98	NF		W.N.L	80/81									
103	Nathanial Mahata	BM-17	1-Jan-1965	1-Apr-2010	57	160	55	Contractor Worker	O+	120	80	12.8	8200	54	38	2	5	0	18	108	NF		W.N.L	80/82									
104	Prasanjit Pal	BM-18	2-Nov-1972	2-Mar-2009	49	143	62	Contractor Worker	O+	118	80	13.0	5600	68	26	2	4	0	20	122	NF		W.N.L	84/86									
105	Premchand Bala	BM-19	1-Jan-1979	1-Mar-2006	42	158	44	Contractor Worker	B+	124	84	12.8	8200	73	20	2	5	0	17	118	NF		W.N.L	75/77									
106	Rabindranath Mahato	BM-20	1-Jan-1976	1-Apr-2010	46	170	60	Contractor Worker	B+	120	80	12.9	8100	69	23	2	5	0	23	98	NF		W.N.L	80/81									
107	Rabi Nahar	BM-21	15-Jul-1982	1-Nov-2004	39	163	68	Contractor Worker	A+	116	76	13.1	8200	69	24	2	5	0	16	90	NF		W.N.L	93/95									
108	Sanjoy Biswas	BM-22	15-Jul-1984	1-May-2003	37	158	54	Contractor Worker	B+	120	80	12.7	6200	73	20	2	5	0	24	86	NF		W.N.L	81/82									
109	Surajit Biswas	BM-23	4-May-1989	1-Jun-2004	32	162	51	Contractor Worker	O+	118	80	13.0	5100	63	30	2	5	0	15	90	NF		W.N.L	82/82									
110	Swadesh Majumdar	BM-24	22-Apr-1998	1-Aug-2011	26	160	53	Contractor Worker	B+	118	80	13.2	5400	60	35	2	5	0	13	106	NF	NORMAL	W.N.L	80/84									
111	Swapan Mahalder	BM-25	10-Nov-1977	1-May-2003	44	156	56	Contractor Worker	B+	118	74	13.9	8300	72	20	2	5	0	18	102	NF		W.N.L	85/87									
112	Tapan Biswas	BM-26	15-Jul-1984	1-Nov-2004	37	155	53	Contractor Worker	B+	116	76	12.6	8200	64	29	2	5	0	21	114	NF		W.N.L	82/83									
113	Tapan Kumar Mahato	BM-27	8-Jul-1971	1-Mar-2006	50	166	65	Contractor Worker	B+	120	80	13.0	7200	68	26	2	4	0	10	98	NF		W.N.L	84/90									
114	Tuck Chand Patra	BM-28	1-Jan-1971	1-Apr-2010	51	170	62	Contractor Worker	A+	120	80	12.8	6700	50	42	3	5	0	20	114	NF		W.N.L	82/84									
115	Sailen Mahata	BM-29	1-Jan-1974	1-Apr-2006	47	159	45	Contractor Worker	A+	116	76	12.9	5900	64	29	2	5	0	12	98	NF		W.N.L	80/82									
116	Sujit Mahata	BM-30	15-Jul-1980	1-Nov-2004	34	157	43	Contractor Worker	O+	120	80	13.2	6700	54	38	2	6	0	17	92	NF		W.N.L	78/80									
117	Ram Haldar	BM-31	26-Nov-1980	1-Aug-2016	37	160	48	Contractor Worker	A+	118	80	12.9	7400	60	37	2	5	0	18	82	NF	NORMAL	W.N.L	84/91									
118	Manoj Mondal	BM-32	13-Apr-1996	1-Aug-2016	20	158	65	Contractor Worker	O+	124	84	13.6	5600	68	26	2	4	0	21	88	NF	NORMAL	W.N.L	82/86									
119	Pintu Ghosh	BM-33	1-Jan-1987	1-Aug-2016	31	160	62	Contractor Worker	O+	120	80	13.0	6100	64	29	2	5	0	17	92	NF		W.N.L	82/85									
120	Pradip Mahata	BM-34	7-Feb-1995	1-Aug-2016	21	163	46	Contractor Worker	AB+	116	76	13.2	5200	63	30	2	5	0	23	88	NF		W.N.L	86/88									
121	Shankar Pan	BM-35	1-Jul-1970	1-Aug-2016	48	165	48	Contractor Worker	O+	120	80	12.6	6400	68	26	2	4	0	18	189	NF		W.N.L	80/84									
122	Milan Chakraborty	BM-36	1-Jan-1989	1-Aug-2016	29	160	58	Contractor Worker	A+	118	80	12.0	5200	64	29	2	5	0	16	92	NF		W.N.L	82/85									
123	Babu Mahata	BM-37	7-Feb-1991	1-Aug-2016	27	168	45	Contractor Worker	AB+	118	80	12.3	6900	63	30	2	5	0	13	112	NF		W.N.L	91/95									
124	Ajit Singh	KM-1	1-Jul-1982	1-Jul-2003	39	166	53	Contractor Worker	O+	114	76	13.0	8000	73	20	2	5	0	19	96	NF		W.N.L	82/83									
125	Anjan Bag	KM-2	1-Jan-1969	1-Apr-2006	34	162	55	Contractor Worker	O+	112	76	13.2	7300	67	25	2	6	0	24	90	NF		W.N.L	86/86									
126	Bhakti Patar	KM-3	12-Jan-1980	1-Apr-2006	34	162	61	Contractor Worker	O+	114	76	12.9	6400	69	24	2	5	0	15	81	NF		W.N.L	82/83									
127	Biswanath Mahanta	KM-4	1-Jan-1987	7-Jul-2006	33	156	55	Contractor Worker	B+	124	84	13.1	6000	55	37	3	5	0	15	79	NF		W.N.L	82/83									

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

20/03/21

128	Buddheswar Mahato	KM-5	19-Jul-1974	4-Dec-2006	45	160	58	Contractor Worker	O+	130	86	12.9	8000	52	40	2	6	0	18	116	NF			W.N.L	79/81										
129	Chitta Mahato	KM-6	15-Jul-1970	1-Nov-2003	51	163	46	Contractor Worker	B+	122	80	12.7	7400	54	38	2	6	0	20	116	NF			W.N.L	65/82										
130	Dipak Roy	KM-7	1-Jan-1966	7-Apr-2006	56	160	52	Contractor Worker	A+	118	80	13.3	4900	67	24	2	7	0	13	89	NF			W.N.L	79/82										
131	Dulal Mahato	KM-8	1-Jul-1970	1-Apr-2006	51	161	47	Contractor Worker	B+	116	74	12.9	5600	69	24	2	5	0	16	120	NF			W.N.L	61/83										
132	Ganesh Singh	KM-9	1-Jan-1986	7-Apr-2006	36	156	52	Contractor Worker	B+	120	80	13.2	6500	67	25	2	6	0	19	90	NF			W.N.L	81/84										
133	Gopal Bole	KM-10	1-Jul-1969	1-Apr-2006	52	162	51	Contractor Worker	O+	120	80	12.9	6200	73	20	1	6	0	14	96	NF			W.N.L	83/85										
134	Jalaghar Mahato	KM-11	1-Jul-1965	10-Aug-2006	42	159	54	Contractor Worker	B+	116	76	13.6	7400	63	26	2	5	0	12	88	NF			W.N.L	74/82										
135	Pradip Mahato	KM-12	15-Jul-1985	1-Jul-2003	36	160	54	Contractor Worker	B+	120	80	13.4	8000	67	25	2	6	0	10	84	NF			W.N.L	67/84										
136	Prakash Mahato	KM-13	15-Jul-1968	1-Jul-2003	53	151	49	Contractor Worker	O+	118	80	12.7	7400	48	46	1	4	0	20	83	NF			W.N.L	82/84										
137	Rakhahari Mahato	KM-14	1-Jan-1969	1-Apr-2006	52	158	53	Contractor Worker	B+	124	84	12.6	4700	69	24	2	5	0	16	116	NF			W.N.L	41/82										
138	Sanjoy Patra	KM-15	2-Feb-1987	4-Apr-2006	24	158	56	Contractor Worker	A+	120	86	13.2	5900	69	24	2	5	0	16	100	NF			W.N.L	79/81										
139	Shankar Mahato	KM-16	15-Jul-1975	1-Jul-2003	46	164	56	Contractor Worker	O+	122	80	13.0	5400	54	30	2	4	0	14	102	NF			W.N.L	84/86										
140	Sunil Mahato	KM-17	15-Jul-1966	1-Jul-2003	55	150	50	Contractor Worker	A+	118	80	13.2	6100	73	20	2	5	0	20	96	NF			W.N.L	76/82										
141	Sunil Mahato	KM-18	15-Jul-1976	1-Jul-2003	45	169	53	Contractor Worker	A+	118	74	12.9	5900	52	40	2	6	0	21	93	NF			W.N.L	81/83										
142	Kartik Mahato	KM-20	12-Dec-1977	1-Aug-2016	40	153	46	Contractor Worker	O+	116	78	12.9	4700	68	24	2	6	0	15	106	NF			W.N.L	61/84										
143	Mangal Manch	KM-21	1-Nov-1976	1-Aug-2016	40	162	53	Contractor Worker	B+	120	80	13.2	8200	55	37	2	5	0	21	79	NF			W.N.L	85/87										
144	Samiti Roy	KM-22	22-Apr-1973	3-Aug-2016	42	163	56	Contractor Worker	AB+	120	80	13.0	6300	59	42	2	5	0	18	121	NF			W.N.L	79/82										
145	Ashok Mahato	JA-2	1-Jul-1975	5-Apr-2006	46	172	53	Contractor Worker	B+	118	80	12.8	7600	67	25	2	6	0	19	88	NF			W.N.L	86/88										
146	Barun Mahata[A]	JA-3	15-Jul-1981	1-May-2003	40	163	42	Contractor Worker	A+	116	74	12.6	6700	69	24	2	5	0	22	109	NF			W.N.L	68/91										
147	Basir Mallick	JA-4	1-Jan-1985	4-Jun-2009	37	159	58	Contractor Worker	O+	116	78	13.0	6200	68	24	2	6	0	18	90	NF			W.N.L	78/80										
148	Bholanath Mahato	JA-5	15-Jul-1972	1-May-2003	44	182	50	Contractor Worker	O+	120	80	12.9	8000	55	37	3	5	0	20	81	NF			W.N.L	61/85										
149	Bhowanath Deb	JA-6	15-Jul-1973	1-Jan-2005	48	169	60	Contractor Worker	O+	120	80	13.1	7600	52	40	2	6	0	21	79	NF			W.N.L	78/81										
150	Bidu Singh	JA-7	15-Jul-1983	1-May-2003	38	165	54	Contractor Worker	B+	116	76	12.8	6300	54	38	2	6	0	13	82	NF			W.N.L	82/86										
151	Chhatrapati Mahato	JA-8	1-Jan-1982	5-Apr-2006	40	162	54	Contractor Worker	A+	120	80	12.7	6900	68	24	2	6	0	15	90	NF			W.N.L	73/79										
152	Ganesh Mahato[A]	JA-10	11-Aug-1975	1-May-2003	46	168	40	Contractor Worker	B+	118	80	12.1	8500	73	20	2	5	0	19	89	NF			W.N.L	82/93										
153	Jamshed Khan	JA-11	1-Jul-1986	15-Mar-2006	35	181	61	Contractor Worker	B+	124	84	14.2	4900	69	24	2	5	0	24	90	NF			W.N.L	91/97										
154	Kamal Hasan Khan	JA-12	1-Jan-1980	4-Jun-2009	42	163	63	Contractor Worker	B+	130	86	12.9	6200	67	25	2	6	0	13	92	NF			W.N.L	82/83										
155	Lakhan Mahato	JA-13	1-Jan-1976	4-Apr-2006	46	153	45	Contractor Worker	O+	122	80	12.8	5400	50	42	3	5	0	15	100	NF			W.N.L	84/86										
156	Mahadev Mahato	JA-14	15-Jul-1982	11-Jun-2009	39	155	43	Contractor Worker	B+	120	80	13.1	6400	58	38	2	6	0	12	69	NF			W.N.L	92/93										
157	Mangal Mahato	JA-15	1-Jul-1986	5-Apr-2006	35	165	54	Contractor Worker	O+	116	76	12.6	5800	73	20	2	5	0	10	93	NF			W.N.L	82/83										
158	Moslim Khan	JA-16	15-Jul-1985	3-Jun-2009	36	154	43	Contractor Worker	B+	120	80	13.0	8600	67	25	2	6	0	20	89	NF			W.N.L	79/81										
159	Niren Mahato	JA-17	15-Jul-1986	4-Jun-2009	35	163	48	Contractor Worker	A+	122	82	13.2	6200	59	24	2	5	0	15	94	NF			W.N.L	80/82										
160	Sajid Khan	JA-18	15-Jul-1990	4-Jun-2009	31	162	61	Contractor Worker	B+	116	78	13.0	6400	73	20	2	5	0	17	78	NF			W.N.L	60/82										
161	Samir Mahato	JA-19	1-Jul-1969	4-Apr-2006	52	168	60	Contractor Worker	O+	122	76	12.8	5800	68	26	2	4	0	21	81	NF			W.N.L	79/81										
162	Sanjoy Mahato	JA-20	10-Apr-1979	1-May-2003	42	176	54	Contractor Worker	B+	114	76	13.1	6000	55	37	3	5	0	18	65	NF			W.N.L	67/87										
163	Jaba Prasad Mahato	JA-21	1-Jul-1976	4-Apr-2006	45	167	52	Contractor Worker	AB+	118	80	12.9	5900	67	25	2	6	0	21	100	NF			W.N.L	79/83										
164	Sk. Anjar Ali	JA-22	15-Jul-1963	1-Nov-2004	58	165	45	Contractor Worker	O+	120	80	12.7	9100	68	26	2	4	0	18	102	NF			W.N.L	85/87										
165	Sk. Samim	JA-23	1-Jan-1981	5-Apr-2006	41	163	52	Contractor Worker	B+	120	80	13.6	8400	54	38	2	5	0	19	89	NF			W.N.L	85/88										
166	Krishnapar Mahato	JA-24	15-Jul-1974	1-Jun-2004	47	167	64	Contractor Worker	O+	120	84	12.6	8000	67	24	2	7	0	22	91	NF			W.N.L	84/86										
167	Sunil Dubey	JA-25	15-Jul-1978	1-May-2003	43	167	56	Contractor Worker	B+	124	90	12.9	6700	73	20	2	5	0	5	134	NF			W.N.L	90/94										
168	Sunil Kumesar	JA-26	1-Jul-1974	1-May-2003	47	156	50	Contractor Worker	B+	114	76	13.1	7200	69	24	2	5	0	18	93	NF			W.N.L	81/86										
169	Swapan Mahata	JA-27	5-Jan-1978	15-Mar-2006	44	169	73	Contractor Worker	A+	112	76	13.6	7400	73	20	1	6	0	21	109	NF			W.N.L	81/84										
170	Tarani Mahata	JA-28	15-Jul-1973	1-Jan-2005	48	182	60	Contractor Worker	AB+	114	76	13.2	5900	50	42	3	5	0	17	84	NF			W.N.L	69/93										
171	Thakurlal Mahato	JA-29	10-May-1986	15-Mar-2006	35	165	44	Contractor Worker	A+	120	80	14.0	8400	55	37	3	5	0	13	86	NF			W.N.L	85/86										
172	Wajid Ali Chandoria	JA-30	1-Jan-1977	12-Jun-2009	45	162	40	Contractor Worker	O+	118	80	13.2	5800	73	20	2	5	0	16	80	NF			W.N.L	88/91										
173	Amarta Mahata	JA-31	6-May-1977	2-Aug-2016	41	167	58	Contractor Worker	AB+	124	84	12.0	7000	54	38	2	6	0	24	92	NF			W.N.L	81/82										
174	Bikash Dehingia	JA-32	1-Jan-1984	4-Aug-2016	34	158	45	Contractor Worker	O+	130	86	13.2	5900	73	20	2	5	0	11	93	NF			W.N.L	76/81										
175	Biswar Khan	JA-33	1-May-1980	2-Aug-2016	28	167	50	Contractor Worker	O+	122	80	14.0	5800	5	37	3	5	0	18	75	NF			W.N.L	83/86										
176	Manoranjan Mahato	JA-34	10-Jul-1979	5-Aug-2016	29	164	56	Contractor Worker	A+	118	80	13.6	6200	54	38	2	6	0	16	82	NF			W.N.L	81/83										
177	Bhupal Mahata	BUV-1	2-Jul-1985	1-Jun-2006	36	163	47	Contractor Worker	A+	120	80	12.9	5800	73	20	2	5	0	24	96	NF			W.N.L	77/80										
178	Kartik Mahato	BUV-2	1-Jan-1986	16-Jun-2006	37	170	68	Contractor Worker	A+	116	76	13.0	6300	50	42	3	5	0	14	106	NF			W.N.L	82/84										
179	Nanjan Chakki	BUV-3	1-Dec-1987	1-Jun-2006	34	167	54	Contractor Worker	O+	120	80	13.2	6200	54	36	2	6	0	17	118	NF			W.N.L	84/84										
180	Rajib Bhandari	BUV-5	14-Feb-1987	16-Jun-2006	34	153	54	Contractor Worker	A+	118	80	12.8	5600	67	25	2	6	0	21	102	NF			W.N.L	79/81										
181	Arun Roy	BCM-1	1-Jul-1981	20-Sep-2011	40	159	52	Contractor Worker	B+	122	80	13.0	5900	73	20	2	5	0	12	106	NF			W.N.L	82/84										
182	Tarapada Mahato	BCM-3	15-Aug-1969	1-Apr-2011	53	163	57	Contractor Worker	AB+	124	82	12.9	7200	67	24	2	6	0	16	91	NF			W.N.L	77/79										
183	Bidebadev Mahato	BCM-4	01-06-1978	20-12-2012	36	159	56	Contractor Worker		120	80	13.2	6300	54	38	2	6	0	19	96	NF			W.N.L	85/83										
184	Ratu Mandal	BCM-6	22-01-1979	09-05-2013	39	158	55	Contractor Worker		124	76	12.6	8000	67	24	2	5	0	24	62	NF			W.N.L	78/81										

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

20/03/21

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 (roads/building/Factory etc)	: 11 Acres
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 species still available in the area	: As above [Akashmoni -11 nos, Krisnachura- 20 nos , Asoka -28 nos, Palm Tree- 2 nos , Mango Trees -45 nos]
c) By protecting the area will Indigenous stock come up ?	: Yes
d) Extent of green belt developed.	: 17 Acres
7. Plantations required to be carried Out as per.	
a) Conditions of Environmental Clearance in ha. /nos	: Followed Env. Act 1986
b) Conditions of forest C Act. Clearance in ha. /nos	: N.A.
c) Voluntarily in ha. /nos.	: N.A.

8. .....Plantation

a) Total area available for plantation in each category :

i)Green belt plantation	ii)Demos	iii)Back filled areas.	Iv)Road sides	v) Block
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.

.....Attached .....Attached .....

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	**2020-21 (Oct-20 to Mar-21)**	**2,10,000**	**2,92,745**	**19.37 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

SAKA INDUSTRIES L.

Biplab Banerjee
(Asst. Works Manager)

Signature of the office in charge

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, mehagene, 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
2020-21	60	10 feet	12 feet	557 SqM	
					951 Sqm

c). Survival of plantation	FY-20-21 (up to Mar-21)
Total Plantation	40
Survival Nos	38
Survival %	95.00

STATEMENT FOR PLANT'S PLANTATION FROM

2020-2021 (October-20 to March-21)

YEAR	NO OF PLANTS	LOCATION	VARIETY	COST
2020-21	380	Near Tea Garden,	Mango, Guava, Jack fruit,	19050
TOTAL -	380		TOTAL-19050	
FOR Six MONTHS MAINTENANCE COST				2,73,695
TOTAL				2,92,745

Biplab Banerjee
(Asst. Works Manager)

VISAKA

VISAKA INDUSTRIES LIMITED

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

PART:- A

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

	FY-2020-21 (Apr-20 to Sep-20)			FY-2020-21 (Oct-20 to Mar-21)		
	Energy Consumption		Value (Rs)	Energy Consumption		Value (Rs)
On dust collector running-Fibre	11436.8	KWH/Yr	Rs 0.97 Lac	13121.47	KWH/Yr	Rs 1.12 Lac
-Cement	6480.19	KWH/Yr	Rs. 0.55 Lac	7886.91	KWH/Yr	Rs. 0.67 Lac
Fly ash	1121.88	KWH/Yr	Rs. 0.10 Lac	1428.82	KWH/Yr	Rs. 0.12 Lac
Wet ball mill and sludge recycling .	31378.5	KWH/Yr	Rs. 2.67 Lac	37323.9	KWH/Yr	Rs. 3.17 Lac
Fiber bag opener & shredder	13524.27	KWH/Yr	Rs. 1.15 Lac	15516.43	KWH/Yr	Rs. 1.32 Lac
Centralised vacuum Cleaner	3956.76	KWH/Yr	Rs. 0.34 Lac	4724.24	KWH/Yr	Rs. 0.40 Lac
Total	**67898.400**	KWH/Yr	**Rs. 5.77 Lac**	**80001.751**	KWH/Yr	**Rs. 6.80 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-2020-21 (Apr-20 to Sep-20)		FY-2020-21 (Oct-20 to Mar-21)	
1	Capital Investment out lay & Utilised	Rs.	----------	Rs.	----------
2	Recurring Expenditure:-				
	Chemical	------		------	
	Power	Rs	5,77,136	Rs	6,80,015
	Manpower	Rs	11,43,349	Rs	13,18,175
	Training	Rs	--------	Rs	--------
	Sample Testing	Rs	74,347	Rs	1,99,350
	Consumables	Rs	3,17,555	Rs	2,18,128
3	WBPCB administrating expenses (Concent fee, Lab, Fine etc)	Rs	39,550	Rs	13,250
4	Legal Issues	Rs	16,000	Rs	16,000
5	Miscellaneous (Plant +Fertilizer purchase)	Rs	------	Rs	19,050
	Total		*2,167,937*		*2,463,968*

Thanks & Regards
Biplab Banerjee

(Asst. Works Manager)
Visaka Industries Limited
W.B.

VISAKA INDUSTRIES LTD.
Biplab Banerjee
(Asst. Works Manager)

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

KAKA 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 Manager	Diploma in Mechanical Engineering	biplab.banerjee@visaka.in	Chairmen
2	Debasish Dey	Officer EHS	Post Graduate Diploma in Industrial Safety	safetyofficer.midnapur@visaka.in	Secretary
3	Amitava.Patra	Asst. officer QC	Diploma in auto mobile	quality.midnapur@visaka.in	Member
4	Subrata Santra	Asst. officer QC	BA	quality.midnapur@visaka.in	Member
5	Samir Dey	Dy. Manager HRD	MBA (HR)	samir.dey@visaka.in	Member
6	Dipankar Mahanti	Manager (Mech.)	Diploma Mechanical	dipankar.mahanti@visaka.in	Member
7	Satya Nath Panda	Asst. Manager (Electrical)	Diploma Electrical	Satyanath.panda@visaka.in	Member
8	Rajarshi Majumder	Officer (Stores)	Diploma in Material management	Rajarshi.majumder@visaka.in	Member
9	Koushik Ghosh	Jr. Executive(Despatch)	M.A	Despatch.midnapur&visaka.in	Member
10	Somnath Amboli	Sr. Engineer (Production)	Diploma Mechanical	production.midnapur@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

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.]

035028

4075

PERMIT NO. P142B43000001000001TSE

1. (a) Name of the applicant (user) : Shri/Smt. VISAKA INDUSTRIES LTD.
   (b) Son/Daughter of : Salboni, Krishnapur
   (c) Address of the applicant :
   (d) Category of farmer (Please tick) (in case of irrigation well) : Small Farmer/Marginal Farmer/Others
   (e) Serial No. of application Form and date of submission : BP/B 0191, SL-80, Dt - 04/09/2017
   (f) Specimen signature of the user :

2. Location particulars—
   (a) District : Paschim Medinipur
   (b) Block, Mouza, J. L. No., Plot No. : Salboni, Krishnapur, 430, 1
   (c) Municipality/Corporation Ward No./Borough No., Holding No. :

3. Particulars of the proposed well and pumping device—
   (a) Type of the well : T.W.
   (b) Approx. depth of the well (m) : 120 m
   (c) Purpose of the well : Industrial
   (d) Assembly size (for tube well) : 150 mm.X 100mm.
   (e) Approx. strainer length (for tube well) : 18 m.
   (f) Diameter (for dug well) : m.
   (g) Type of pump to be used : Submersible
   (h) H. P. of the pump : 7.5 H.P.
   (i) Operational device : Electric
   (j) Rate of withdrawal (m3/hr.) : 22 m³/hr
   (k) Maximum allowable running hours per day : 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-Divn. No.-I/A, S.W.I.D.,
OFFICE
Member Secretary, D.L.A.
Paschim Medinipur

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

Geologist
Geological Sub-Divn. No.- I/A
S.W.I.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) above of this certificate 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 false or incorrect at any subsequent stage, this permit is liable for cancellation.
(4) Any other condition imposed by the concerned Authority.

03/11/2017

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

P.T.O. for Conditionalities

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 × 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.

Himmoyji Roy 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.]

4073

005026

PERMIT NO. P1428430000470000001TSE

1. (a) Name of the applicant (user) : Shri/Smt. VISAKA INDUSTRIES LTD.
   (b) Son/Daughter of : Salboni, Krishnapur
   (c) Address of the applicant :
   (d) Category of farmer (Please tick) (in case of irrigation well) : Small Farmer/Marginal Farmer/Others
   (e) Serial No. of application Form and date of submission : BP/B 0191, SL-78, Dt-04/09/2017
   (f) Specimen signature of the user :
2. Location particulars—
   (a) District : Paschim Medinipur
   (b) Block, Mouza, J. L. No., Plot No. : Salboni, Krishnapur, 430, 47
   (c) Municipality/Corporation Ward No./Borough No., Holding No. :
3. Particulars of the proposed well and pumping device—
   (a) Type of the well : T. W.
   (b) Approx. depth of the well (m) : 120 m
   (c) Purpose of the well : Industrial
   (d) Assembly size (for tube well) : 150 mm.X 100mm.
   (e) Approx. strainer length (for tube well) : 18 m.
   (f) Diameter (for dug well) : m.
   (g) Type of pump to be used : Submersible
   (h) H. P. of the pump : 7.5 H.P.
   (i) Operational device : Electric
   (j) Rate of withdrawal (m3/hr.) : 22 m³/hr
   (k) Maximum allowable running hours per day : 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-Divn. No.- I/A, S.W.I.D.,
OFFICE SEAL &
Member Secretary, D.L.A.
Paschim Medinipur

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

Geologist
Geological Sub-Divn. No.- I/A
S.W.I.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. 12 [illegible] 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.

03/11/2017

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

P.T.O. for Conditionalities

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 × 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 3/11/17

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)

4074

035027

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.]

PERMIT NO. P1428427000920000001TSE

1. (a) Name of the applicant (user) : Shri/Smt. VISAKA INDUSTRIES LTD.
   (b) Son/Daughter of : Salboni, Changsole
   (c) Address of the applicant :
   (d) Category of farmer (Please tick) (in case of irrigation well) : Small Farmer/Marginal Farmer/Others
   (e) Serial No. of application Form and date of submission : BP/B 0191, SL-79, Dt-04/09/2017
   (f) Specimen signature of the user :
2. Location particulars—
   (a) District : Paschim Medinipur
   (b) Block, Mouza, J. L. No., Plot No. : Salboni, Changsole, 427, 92
   (c) Municipality/Corporation Ward No./Borough No., Holding No. :
3. Particulars of the proposed well and pumping device—
   (a) Type of the well : T. W.
   (b) Approx. depth of the well (m) : 120 m
   (c) Purpose of the well : Industrial
   (d) Assembly size (for tube well) : 150 mm X 100 mm.
   (e) Approx. strainer length (for tube well) : 18 m.
   (f) Diameter (for dug well) : m.
   (g) Type of pump to be used : Submersible
   (h) H. P. of the pump : 7.5 H.P.
   (i) Operational device : Electric
   (j) Rate of withdrawal (m3/hr.) : 22 m³/hr
   (k) Maximum allowable running hours per day : 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. Midnapore

Date : 3-11-2017

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

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

Geologist
Geological Sub-Divn. No.- I/A
S.W.I.D., Midnapur
&
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. (2), (3) and (4) of this certificate 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 false on verification at any subsequent stage, this permit is liable for cancellation.
(4) Any other condition imposed by the concerned Authority.

03/11/2017

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

P.T.O. for Conditionalities

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 × 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 3/11/17

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

INDICATIVE CONSULTANT INDIA

(GOVT. REGISTERED TEST HOUSE)

ISO 9001:2015 OHSAS 18001:2007

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

Towards Sustainable Growth

TEST REPORT

Date: 26.06.2021		Report No: ICI/HL/W/RN-944/2021	Format No: ICI/FM/H/67		
Customer Name	:	M/s. VISAKA INDUSTRIES LTD.	Sample ID No	:	2021/W-944
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, Salbani, Paschim Medinipur. PIN - 721 147.	Sampling Date	:	18.06.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. +91 8170064044	Sampling Time	:	11:20 AM
Letter Ref. No.	:	-	Analysis Start Date	:	19.06.2021
Work Order No.	:	37527 Dtd. 13.05.2021	Analysis complete Date	:	25.06.2021
Name of the Work	:	-			
Sample Description	:	DRINKING WATER			
Sample Condition	:	In Plastic Bottle & Glass Bottle			
Sampling Method	:	IS:3025 (Part I): 1987 (RA 2019), APHA 23rd ed 2017			
Test Method		APHA 23rd ed 2017, IS:3025			
Location	:	BORE WELL - I			

Sl. No.	Parameters	Unit	Result	As Per IS:10500:2012 Desirable Limit	Permissible limit in the absence of alternate source	Method Followed
	ORGANOLEPTIC AND PHYSICAL PARAMETERS					
1.	Appearance	-	Clear	-	-	-
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025(Part-5):2018 APHA 23rd Edition 2150 B
3.	pH (at 25°C)	-	6.51	6.5 to 8.5	No Relaxation	IS:3025(Part-11):1983 : RA 2017. APHA 23rd Edition 4500-H+ B
4.	Colour	Hazen Unit	<5.0	5	15	IS:3025(Part-4) 1983: RA 2017
5.	Conductivity	µS/cm	100.0	-	-	IS: 3025(Part-14):1984: RA 2019 APHA 23rd Edition 2510 B
6.	Turbidity	N.T.U.	1.8	1 (Max)	5 (Max)	IS:3025(Part-10):1984: RA 2017 APHA 23rd Edition 2130 B
7.	Total Dissolved Solid (TDS)	mg/L	88.0	500 (Max)	2000 (Max)	IS:3025(Part-16):1984: RA 2017 APHA 23rd Edition 2540 C
	GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS					
8.	Total Hardness as $CaCO_3$	mg/L	54.2	200 (Max)	600 (Max)	IS:3025(Part-21):2009: RA 2019 APHA 23rd Edition 2340 C
9.	Ca Hardness as $CaCO_3$	mg/L	32.5	-	-	APHA 23rd Edition 2340 C
10.	Mg Hardness as $CaCO_3$	mg/L	21.7	-	-	APHA 23rd Edition 2340 C
11.	Calcium as Ca	mg/L	13.0	75 (Max)	200 (Max)	IS:3025(Part-40):1991: RA 2014 APHA 23rd Edition 3500Ca B
12.	Magnesium as Mg	mg/L	5.3	30 (Max)	100 (Max)	IS:3025(Part-46):1994: RA 2019 APHA 23rd Edition 3500Mg B
13.	Chloride as Cl	mg/L	8.0	250 (Max)	1000 (Max)	IS:3025(Part-32):1988: RA 2019 APHA 23rd Edition 4500Cl⁻ B
14.	Total Alkalinity as $CaCO_3$	mg/L	44.0	200 (Max)	600 (Max)	IS:3025(Part-23):1986: RA 2019 APHA 23rd Edition 2320 B
15.	P-Alkalinity as $CaCO_3$	mg/L	Nil	-	-	APHA 23rd Edition 2320B
16.	M-Alkalinity as $CaCO_3$	mg/L	44.0	-	-	APHA 23rd Edition 2320B
17.	Iron as Fe	mg/L	0.09	0.3 (Max)	No Relaxation	IS:3025(Part-53):2003: RA 2019 APHA 23rd Edition 3500-Fe B
18.	Sulfate as SO_4	mg/L	<1.5	200 (Max)	400 (Max)	IS:3025(Part-24):1986: RA 2019 APHA 23rd Edition 4500 SO_4^{2-} E

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

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Towards Sustainable Growth

Report No: ICI/HL/W/RN-944/2021

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 23rd Edition 4500P D*
20.	Silica as SiO_2	mg/L	36.3	-	-	*IS:3025(Part-35):1988, RA 2019 APHA 23rd 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 23rd Edition 4500 FD*
22.	Manganese as Mn	mg/L	<0.1	*0.1 (Max)*	*0.3 (Max)*	*APHA 23rd Edition 3111 B*
	PARAMETERS CONCERNING TOXIC SUBSTANCES					
23.	Arsenic as As	mg/L	<0.01	*0.01 (Max)*	*0.05 (Max)*	*APHA 23rd Edition 3500As 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)*

For, **INDICATIVE CONSULTANT INDIA**

Prepared By: N. Mondal

Checked By: A. Patra

Parbati Golui
(Quality Manager)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: **N.A.**
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified.

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

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Towards Sustainable Growth

TEST REPORT

Date: 26.06.2021		Report No: ICI/HL/W/RN-945/2021	Format No: ICI/FM/H/67		
Customer Name	:	M/s. VISAKA INDUSTRIES LTD.	Sample ID No	:	2021/W-945
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, Salbani, Paschim Medinipur, PIN - 721 147.	Sampling Date	:	18.06.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. +91 8170064044	Sampling Time	:	11:30 AM
			Analysis Start Date	:	19.06.2021
Letter Ref. No.	:	-	Analysis complete Date	:	25.06.2021
Work Order No.	:	37527 Dtd. 13.05.2021			
Name of the Work	:	-			
Sample Description	:	DRINKING WATER			
Sample Condition	:	In Plastic Bottle & Glass Bottle			
Sampling Method	:	IS:3025 (Part I): 1987 (RA 2019), APHA 23rd ed 2017			
Test Method		APHA 23rd ed 2017, IS:3025			
Location	:	BORE WELL - 2			

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	-	-	-
2.	Odour	-	Agreeable	*Agreeable*	*Agreeable*	*IS:3025(Part-5):2018 APHA 23rd Edition 2150 B*
3.	pH (at 25°C)	-	6.53	*6.5 to 8.5*	*No Relaxation*	*IS:3025(Part-11):1983 : RA 2017. APHA 23rd Edition 4500-H B*
4.	Colour	Hazen Unit	<5.0	*5*	*15*	*IS:3025(Part-4) 1983: RA 2017*
5.	Conductivity	µS/cm	91.0	-	-	*IS: 3025(Part-14):1984: RA 2019 APHA 23rd Edition 2510 B*
6.	Turbidity	N.T.U.	<1.0	*1 (Max)*	*5 (Max)*	*IS:3025(Part-10):1984: RA 2017 APHA 23rd Edition 2130 B*
7.	Total Dissolved Solid (TDS)	mg/L	80.0	*500 (Max)*	*2000 (Max)*	*IS:3025(Part-16):1984: RA 2017 APHA 23rd Edition 2540 C*
	GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS					
8.	Total Hardness as $CaCO_3$	mg/L	32.5	*200 (Max)*	*600 (Max)*	*IS:3025(Part-21):2009: RA 2019 APHA 23rd Edition 2340 C*
9.	Ca Hardness as $CaCO_3$	mg/L	21.7	-	-	*APHA 23rd Edition 2340 C*
10.	Mg Hardness as $CaCO_3$	mg/L	10.8	-	-	*APHA 23rd Edition 2340 C*
11.	Calcium as Ca	mg/L	8.7	*75 (Max)*	*200 (Max)*	*IS:3025(Part-40):1991: RA 2014 APHA 23rd Edition 3500Ca B*
12.	Magnesium as Mg	mg/L	2.6	*30 (Max)*	*100 (Max)*	*IS:3025(Part-46):1994: RA 2019 APHA 23rd Edition 3500Mg B*
13.	Chloride as Cl	mg/L	8.0	*250 (Max)*	*1000 (Max)*	*IS:3025(Part-32):1988: RA 2019 APHA 23rd Edition 4500Cl B*
14.	Total Alkalinity as $CaCO_3$	mg/L	32.0	*200 (Max)*	*600 (Max)*	*IS:3025(Part-23):1986: RA 2019 APHA 23rd Edition 2320 B*
15.	P-Alkalinity as $CaCO_3$	mg/L	Nil	-	-	*APHA 23rd Edition 2320B*
16.	M-Alkalinity as $CaCO_3$	mg/L	32.0	-	-	*APHA 23rd Edition 2320B*
17.	Iron as Fe	mg/L	0.11	*0.3 (Max)*	*No Relaxation*	*IS:3025(Part-53):2003: RA 2019 APHA 23rd Edition 3500-Fe B*
18.	Sulfate as SO_4	mg/L	<1.5	*200 (Max)*	*400 (Max)*	*IS:3025(Part-24):1986: RA 2019 APHA 23rd Edition 4500 SO_4^{2-} E*

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

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Towards Sustainable Growth

Report No: ICI/HL/W/RN-945/2021

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 23rd Edition 4500P D*
20.	Silica as SiO_2	mg/L	35.3	-	-	*IS:3025(Part-35):1988, RA 2019 APHA 23rd 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 23rd Edition 4500 FD*
22.	Manganese as Mn	mg/L	<0.1	*0.1 (Max)*	*0.3 (Max)*	*APHA 23rd Edition 3111 B*
	PARAMETERS CONCERNING TOXIC SUBSTANCES					
23.	Arsenic as As	mg/L	<0.01	*0.01 (Max)*	*0.05 (Max)*	*APHA 23rd Edition 3500As B*

Remarks:

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

For. INDICATIVE CONSULTANT INDIA

Prepared By: N. Mondal

Checked By: N. Patra

Parbati Golui
(Quality Manager)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: N.A.
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test report are based on observations & measurements under the stated environmental conditions
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----------*End of Report*----------

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Towards Sustainable Growth

TEST REPORT

Date: 26.06.2021		Report No: ICI/HL/W/RN-946/2021	Format No: ICI/FM/H/67		
Customer Name	:	M/s. VISAKA INDUSTRIES LTD.	Sample ID No	:	2021/W-946
Address	:	Mouza: - Changsole, Vill. + P.O. – Sayedpur, Salbani, Paschim Medinipur, PIN - 721 147.	Sampling Date	:	18.06.2021
Customer Representative Name & Contact Number	:	Mr. Sunil Chanda Mob. No. +91 8170064044	Sampling Time	:	11:45 AM
Letter Ref. No.	:	-	Analysis Start Date	:	19.06.2021
Work Order No.	:	37527 Dtd. 13.05.2021	Analysis complete Date	:	25.06.2021
Name of the Work	:	-			
Sample Description	:	DRINKING WATER			
Sample Condition	:	In Plastic Bottle & Glass Bottle			
Sampling Method	:	IS:3025 (Part I): 1987 (RA 2019), APHA 23rd ed 2017			
Test Method		APHA 23rd ed 2017, IS:3025			
Location	:	BORE WELL - 3			

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	-	-	-
2.	Odour	-	Agreeable	Agreeable	Agreeable	IS:3025(Part-5):2018 APHA 23rd Edition 2150 B
3.	pH (at 25°C)	-	6.55	6.5 to 8.5	No Relaxation	IS:3025(Part-11):1983 : RA 2017, APHA 23rd Edition 4500-H B
4.	Colour	Hazen Unit	<5.0	5	15	IS:3025(Part-4) 1983: RA 2017
5.	Conductivity	µS/cm	78.0	-	-	IS: 3025(Part-14):1984: RA 2019 APHA 23rd Edition 2510 B
6.	Turbidity	N.T.U.	<1.0	1 (Max)	5 (Max)	IS:3025(Part-10):1984: RA 2017 APHA 23rd Edition 2130 B
7.	Total Dissolved Solid (TDS)	mg/L	64.0	500 (Max)	2000 (Max)	IS:3025(Part-16):1984: RA 2017 APHA 23rd Edition 2540 C
	GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS					
8.	Total Hardness as $CaCO_3$	mg/L	32.5	200 (Max)	600 (Max)	IS:3025(Part-21):2009: RA 2019 APHA 23rd Edition 2340 C
9.	Ca Hardness as $CaCO_3$	mg/L	21.7	-	-	APHA 23rd Edition 2340 C
10.	Mg Hardness as $CaCO_3$	mg/L	10.8	-	-	APHA 23rd Edition 2340 C
11.	Calcium as Ca	mg/L	8.7	75 (Max)	200 (Max)	IS:3025(Part-40):1991: RA 2014 APHA 23rd Edition 3500Ca B
12.	Magnesium as Mg	mg/L	2.6	30 (Max)	100 (Max)	IS:3025(Part-46):1994: RA 2019 APHA 23rd Edition 3500Mg B
13.	Chloride as Cl	mg/L	7.0	250 (Max)	1000 (Max)	IS:3025(Part-32):1988: RA 2019 APHA 23rd Edition 4500Cl⁻ B
14.	Total Alkalinity as $CaCO_3$	mg/L	28.0	200 (Max)	600 (Max)	IS:3025(Part-23):1986: RA 2019 APHA 23rd Edition 2320 B
15.	P-Alkalinity as $CaCO_3$	mg/L	Nil	-	-	APHA 23rd Edition 2320B
16.	M-Alkalinity as $CaCO_3$	mg/L	28.0	-	-	APHA 23rd Edition 2320B
17.	Iron as Fe	mg/L	0.08	0.3 (Max)	No Relaxation	IS:3025(Part-53):2003: RA 2019 APHA 23rd Edition 3500-Fe B
18.	Sulfate as SO_4	mg/L	<1.5	200 (Max)	400 (Max)	IS:3025(Part-24):1986: RA 2019 APHA 23rd Edition 4500 SO_4^{2-} E

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

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Towards Sustainable Growth

Report No: ICI/HL/W/RN-946/2021

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 23rd Edition 4500P D*
20.	Silica as SiO_2	mg/L	26.5	-	-	*IS:3025(Part-35):1988, RA 2019 APHA 23rd 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 23rd Edition 4500 FD*
22.	Manganese as Mn	mg/L	<0.1	*0.1 (Max)*	*0.3 (Max)*	*APHA 23rd Edition 3111 B*
	PARAMETERS CONCERNING TOXIC SUBSTANCES					
23.	Arsenic as As	mg/L	<0.01	*0.01 (Max)*	*0.05 (Max)*	*APHA 23rd 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**

Parbati Golui
(Quality Manager)
Signatory Authority

Test Witnessed By: Nil
Estimated Uncertainty: Not Required

Parbati Golui
Quality Manager
INDICATIVE CONSULTANT INDIA

Note :
1. Sample is drawn by M/s. Indicative Consultant India
2. Sample submitted and identified by customer as: **N.A.**
3. Test results shown in this test report relate only to the sample (s) only
4. The test results referred in test 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. Retention period of tested samples (Water) is 10 days from the date of issue of test report unless otherwise specified.

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

WEST BENGAL

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

Authorisation letter no.:

Memo No. 171 /2S(HW) –1942/2005 Date: 10..09. 2018

FORM 2

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

Ref.: Application for extension of authorization dated 31/07/2017 for management & handling of hazardous & other waste.

M/s Visaka Industries Ltd. of Changsole, PO-Saiyedpur, PS-Salboni, Dist-Medinipur (W), Pin-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 situated at Changsole, PO-Saiyedpur, PS-Salboni, Dist-Medinipur (W), Pin-721147.

Details of Authorisation

Sl. no.	Category of Hazardous Waste as per the Schedule I, II and III of these rules	Authorized mode of disposal or recycling or utilization or co-processing etc.	Quantity (ton/annum)
1	15.2	Recycling in House *	600
2	15.1	Disposal to CHWTSDF *	0.048

***For detail refer to Specific Conditions.**

2(1) Authorization shall be valid for a period up to 31/07/2020 w.e.f. the date of issue

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

[Chief Engineer]
Waste Management Cell
West Bengal Pollution Control Board

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 made 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 (Form 4) shall be filed by June 30th every year for the period ending 31st March of that year.

Specific conditions:

i. The unit shall store all hazardous waste under shade in an environment friendly manner within the premises at designated place & shall not store hazardous wastes onsite for more than 90 days.

ii. The unit shall reuse asbestos wastes (rejected / damaged sheets) in the process. Non-recyclable asbestos wastes / residues shall be sent to the Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF) following the manifest system (Form 10).

Hazardous wastes accumulated on site shall be disposed immediately and a compliance report shall be submitted within three months.

iii. Transport of hazardous waste shall be as per provision of Hazardous & Other Waste Management Rules, 2018 guidelines issued by the Central Pollution Control Board (CPCB) and rules made under the Central Motor Vehicles Act, 1988. The responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and this shall be clearly indicated in the manifest.

iv. Records of hazardous waste generation, storage and disposal shall be maintained in Form 3 properly and shall be made available to the inspecting officials of the State Board during inspection.

v. The unit shall update regularly the environmental information in Display Boards installed outside the main gate for access of general public as per the order of the Hon'ble Supreme Court dated 14/10/2003 in W.P. (C) No. 657 of 1995.

vi. Authorization will be revoked in case of non-compliances with any of the above conditions.

M/s Visaka Industries Ltd.
Changsole, PO-Saiyedpur, PS-Salboni,
Dist-Medinipur (W), Pin-721147

Chief Engineer
Waste Management Cell
West Bengal Pollution Control Board

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,
Chief Engineer (WMC),
West Bengal Pollution Control Board,
Bldg No. 10A, Block-LA, Sector-III
Salt Lake City, Kolkata-700106

Dt:- 31/08/2020

Sub: Renewal Application For Obtaining Authorization for Collection/Reception/Treatment/Transport/Storage/Disposal of Hazardous Waste.

Sir ,

Here with we are submitting the Renewal Application Form for Obtaining Authorization for Collection/Reception/Treatment/Transport/Storage/Disposal of Hazardous Waste dully filled. Our present Hazardous Waste Authorization is valid was up to 31/07/2020, and also we online application submitted on 20.08.20 vide application no-181546 in your new web site, we request you to kindly renew our Hazardous Waste Authorization Certificate for Five years.

For your ready reference we are enclosing here with copies of the following documents which copy we uploaded in PCB site, along with the application form.

1. The application form .
2. Renewal application fees "Pay In Slip" for Rs 14300/- (Original copy).
3. Copy of the existing Authorization for Hazardous waste Ref. No. 171/2S(HW)-1942/2005 dt. 10.09.2018
4. Copy of the existing Consent letter No.C0109261 dated 31.01.19 valid up to 31-12-2023,
5. Photo of dully filled Environmental Information Board.
6. Photo of Broken sheet & process sludge recycling flow chart.
7. Photo copy of plant main gate view..
8. Annual Return on Hazardous Waste (Form-4) for the year of 2019-20.
9. Photo copy of Our TPM Pillars view.

Thanking You,

For Visaka Industries Ltd.

B. Banerjee.
(Asst.Works Manager)

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O.A. [illegible] (Near [illegible])

[illegible] India Post

[illegible] SHALIMAR [illegible]

Booked Date,[illegible]

To:THE CHIEF EXE.WB POLLUTION CON

PIN:700106, [illegible]

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India Post

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Branch Midnapur - 0132

Date

Received ₹ 14304.72

From Visaka Industries Limited

For remittance of NEFT/RTGS by way of (i) Transfer (only NEFT), (ii) Cash (only NEFT), (iii) Cheque (NEFT/RTGS) using cheque No. 893850

favouring West Bengal Pollution Control Board

A/c No. 0229010000932

IFSC Code ICIC0000229

Beneficiary Bank & Branch ICICI Bank Ltd Manikanchan, Bidhan Nagar, N24PG

Amount ₹ 14300.00

Bank's Charges ₹ 4.72

Total ₹ 14304.72

(Rupees fourteen thousand three hundred four and paise seventy two Only)

For office Use,

UTR No. .....

Branch Manager

JUN 2020

SBIN 220164715726

Application For Authorizat...

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Department of Environment, Govt. of West Bengal

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- Apply HWM Annual Return
- Waste Management Authorization Applications
- Waste Management Annual Return
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Send us your feedback and suggestions

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Welcome Vasuki Industries Limited

Date : 1-9-2020

Inprogress Application | Completed Application

Application No	Application For	Authorization Required For	Application Date
Hazardous Waste Applications			
181535	Hazardous Waste		20-08-2020 00:34

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Biplab Banerjee
(Asst. Works Manage

SPCB Admin Home

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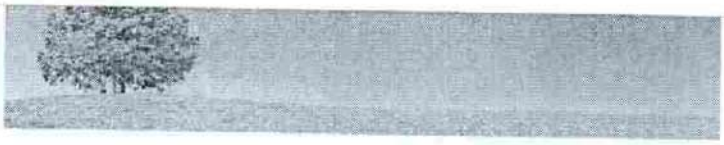

Industry Registration completed successfully as User ID: WB0249464174 and Temporary Password: 82143.

Registration

Select us your feedback and suggestions

click here if you have complaints or query

Registration For:*	• INDUSTRY ○ Health Care Establishment(BMW, HWM, PWM, SWM, Battery, E-Waste, Construction and Demolition Waste)
Applicant Name:*	
Mobile No.:*	
District:*	Not Selected (select district)
Police Station:*	
Hint Question:*	What is your Nickname? (select question)
Hint Answer:*	

For Verification of your mobile no. OTP will be generated on clicking Generate OTP Button below. After getting OTP, Please enter OTP in below textbox and Submit.

Generate OTP Click here to generate OTP

Enter OTP

Submit

Biplab Banerjee
(Asst. Works Manager)

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- Fee Calculator
- Delete InProgress Applications

Send us your feedback and suggestions

Welcome Visaka Industries Limited

Industry Visaka Industries Limited updated

Industry Details | Occupier Details

Industry name:	Visaka Industrius Limited
Plot No./Revenue Survey No./Chalta No/TC No.:	GP NO 4 Bankibundh
Status	operational
Total cost of the Plant and Machinery*:	220000000.00(in Rs)
Total Cost of the project(As stated in the affidavit)	2.2E8
Scale of Industry	Large
GST No:	19AAACV7263K1ZU
PAN No.	AAACV7263K
Street/Road/Building Name	Chansole Mouza,P.O-Saiyepur,PS-Salboni,Dist-Paschim Midnapur
City/Village/Town	Changsole
District	Paschim Medinipur
Police Station	Salboni
Area in Square Metere	
Pin Code	721147
Phone no. with code	03227 - 285890
Fax No. with code	03227 - 285891
Email	quality.midnapur@visaka.in

Bijoyb Banerjee
(Asst. Works Manager)

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Send us your feedback and suggestions

Welcome Visaka Industries Limited

Date : 25-8-2020

Industry Visaka Industries Limited updated

Industry Details | Occupier Details

Print

Applicant Name :	Biplab Banerjee
Designation :	Asst Works Manager
Street/Road/Building Name :	Chansole Mouza,P.O-Salyapur,PS-Salboni,Dist-Paschim Midnapur
Status of Applicant :	Individual
Name, Address and Telephone of the Chairman/Managing Director/Owner/Board of Director List (Full Time or Part Time) Other Kinds or Office Bearers are to be Furnished with their Period of Tenures in the Respective Office :	Name:-Mr.V Vallenadh Designation:-Occupier of the Industry Address:-Visaka Industries Ltd. Visaka Tower SP Road,Secunderabad Telangana.500003
City/Village/Town :	Paschim Midnapur
District :	Paschim Medinipor
Police Station :	Salboni
Pin Code :	721147
Phone No. with code :	040 - 27813833
Fax No.with code :	040 - 27891833
Mobile No :	8178064048
E-Mail :	quality.midnapur@visaka.in
Hint Question (optional) :	What is your Nickname?
Your Answer :	Gullu

Edit

VISAKA INDUSTRIES LTD
Biplab Banerjee
(Asst. Works Manager)

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wbcomms.nic.in

Document Uploaded Successfully

S.NO	Document Name	Document Path
1	Hazardous Waste storage facility and handling system/procedure (with photographs)*	Browse...
2	Copy of Consent to Establish certificate*	Browse...
3	Copy of Consent to Operate certificate (In case Consent to Operate has not been obtained, submit copy of forwarding letter showing application has been submitted) and copy of last authorization status(if any)*	Browse...
4	Copy of Agreement of Membership of Common HW Treatment Storage Disposal Facility (CHWTSDF) in case the unit generates recyclable and disposable wastes(if any)*	Browse...
5	Photograph of one updated Environmental Information display board(in bengali and english) of size 6' x 4' installed outside the main gate*	Browse...
6	In case of application for renewal of Authorization, submit a Compliance Report w.r.t. previous authorization*	Browse...
7	Copy of last annual return(FORM-4) and latest manifest(FORM-10)*	Browse...

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Uploaded Documents Details

Hazardous Waste storage facility and handling system/procedure (with photographs)	Download
Copy of Consent to Establish certificate	Download
Copy of Consent to Operate certificate (in case Consent to Operate has not been obtained, submit copy of forwarding letter showing application has been submitted) and copy of last authorization status(if any)	Download
Photograph of one updated Environmental Information display board(in bengali and english) of size 6' x 4' installed outside the main gate	Download
In case of application for renewal of Authorization, submit a Compliance Report w.r.t. previous authorization	Download
Copy of last annual return(FORM-4) and latest manifest(FORM-10)	Download
main gate view	Download
TPM	Download

...SWA INDUSTRIES LTD.
Biplab Banerjee
(Asst. Works Manager)

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8/26/2020

REGISTERED

WEST BENGAL POLLUTION CONTROL BOARD

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

Consent Letter Number : CO109261

Memo Number : 7466 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.

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

(hereinafter referred to as Applicant) for its unit located at Vill.- Changsole, Po. Saiyedpur, PS. Salboni, Medinipore (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
Haldia Regional Office
Super Market Building Durgachak Haldia
Dist Purba Medinipur

For and on behalf of the State Board

31/01/19

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

Environmental Engineer
West Bengal Pollution Control Board
Regional Office

ANNEXURE

Consent to M/S. Visaka Industries Ltd.

for its unit at Vill. Changsole, PO. Saiyedpur, PS. 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.

31/01/19

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)
Environmental Engineer
West Bengal Pollution Control Board
Regional Office

Continued.....

Consent to M/s Visaka Industries Ltd.

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

Table-I

Outlet No.	Nature of effluent	Parameters	Standard	Frequency of effluent sampling
01	Domestic	pH	Between : 5.5-9.0	Yearly
		Total Suspended Solids	Not to exceed : 100 mg/l.	
		Biochemical Oxygen Demand (3day at 27°C)	Not to exceed : 30mg/l.	
		Chemical Oxygen Demand	Not to exceed : 250mg/l.	
		Oil & Grease	Not to exceed : 10mg/l.	

09. The *Applicant* falls in the ..... Category of the Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made thereunder and the Applicant shall comply with the provisions of the said Act and Rules made thereunder.

10. **Daily** water consumption for the following purposes should not exceed :-

- 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

The *Applicant* shall regularly submit to the Board the Returns of Water Consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

Mardi 31/01/19

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

Environmental Engineer
West Bengal Pollution Control Board
Regional Office

Contd....9....

Consent to M/S. Visaka Industries Ltd.

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

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 faciliate 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 $Nm^3/hr.$	Velocity of gas emission m/sec	Concentrations of parameters not to exceed					Frequency of emission sampling
					SPM (mg/Nm^3)	CO_2 (%v/v)	Total Dust	Pure Asbestos Material		
S-I	15	Fly Ash Slurry Preparation tank	(Bag Filter)		150					Half-Yearly
S-2	15	BOD, ERM & Bag Shredder	(Bag Filter & Wet Scrubber)				2 mg/Nm3	0.2 fibre/cc		-do-
S-3	15	Cement Mixing Tank	(Bag Filter)		150					-do-
S-4	3.5m above roof level	01 NO. 600 KVA DG Set			150					-do-
S-5										
S-6										
S-7										
S-8										
S-9										
S-10										

31/01/19

ard

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)
Environmental Engineer
West Bengal Pollution Control Board
Regional Office

Continued.....

Consent to M/s. Visaka Industries Ltd.

for its unit at Vill. Changsole, PO. Saiyedpur, PS. 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 T.P.M	—	Recycled through Wet Ball Mill
Sludge/ Paste	—	—	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 10 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.

31/01/19

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

Environmental Engineer
West Bengal Pollution Control Board
Regional Office

Continued...

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 any public complaint against the unit from environmental point of view.

Environmental Engineer
West Bengal Pollution Control Board
Regional Office

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

Envirotech East Pvt. Limited
[illegible]
Bengal Annexe Commercial Complex
C.N.E.E. [illegible], Sector-V, Salt Lake, Kolkata [illegible]
CIN NO. U74210WB1989PTC047403
☎ : 2418 8122/8128/8601; Fax : 2418 8128; email: eepkol@gmail.com

Dt. : December 05, 2018

CALIBRATION CERTIFICATE

Client — M/s. Visaka Industries Limited,
Changsol Mouza, Bankibundh G.P. No. 4,
Salboni Block, Dist. : Midnapore West, Midnapore,
PIN : 721147, West Bengal

This is to certify that the Particulate Sampler Envirotech Model APM 800 (SI No. 490-D7 [illegible] 20081) was duly calibrated by us. Details of units which were calibrated against reference units are given below. Reference units used in calibrations were duly calibrated against national standard units available with our records.

Sl No.	Name of Unit	Calibrated using	Reference No.
1	Particulate Sampler Envirotech Model APM 800 (Sl. No. 490-D7[illegible])		
	Rotameter	Soap Bubble Meter	142/8/197 dt. 12/11/2017 (Valid upto 14-06-2019)

VALIDITY : This calibration is valid upto 4th December, 2019. It is then recommended to get it recalibrated for good results.

For ENVIROTECH CENTRE FOR R & D

(Authorised Signatory)

Envirotech East Pvt. Limited
Bengal Ambuja Commercial Complex,
EN-F 13, 3050/1, Survey Park, Kolkata – 700 075
CIN NO. : U74210WB1989PTC047401
☎ 2418 8127/8128/8001; Fax : 2418 8128; email: [illegible]

Dt. : December 05, 2018

CALIBRATION CERTIFICATE

Client

M/s. Vivaka Industries Limited,
Changsol Mouza, Bankibundh G.P. No. 4,
Salboni Block, Dist. : Midnapore West, Midnapore,
PIN : 721147, West Bengal

This is to certify that the Personal Sampler Envirotech Model APM 800 (Sl. No. 881-DTE-2012) was duly calibrated by us. Details of units which were calibrated against reference units are given below. Reference units used in calibrations were duly calibrated against national standard units available with our records.

Sl. No.	Name of Unit	Calibrated using	Reference No.
1.	Personal Sampler Envirotech Model APM 800 (Sl. No. 881-DTE-2012)		
	Rotameter	Soap Bubble Meter	142/8/197 dt. 12/11/2017 (Valid upto 14-06-2019)

VALIDITY : This calibration is valid upto 4th December, 2019. It is then recommended to get it recalibrated for good results.

For ENVIROTECH CENTRE FOR R & D

(Authorised Signatory)