

CENTURY PLYBOARDS (I) LTD.
ENVIRONMENTAL COMPLIANCE STATUS REPORT
Project : Expansion of Laminate & Resin Manufacturing Unit at Diamond Harbour Road, Village-Kanchowki, Tehsil-Bishnupur, District- 24 Parganas (South), West Bengal
EC Letter No.: J-11011/362/2012-IA II (I) Dated 18th April 2016
M/s Century Plyboards (I) Ltd. Diamond Harbour Road, Kanchowki, Bishnupur, 24 Parganas (South) West Bengal - 743503
Period: December 2023

M/s Century Plyboards (I) Ltd. Diamond Harbour Road, Village-Kanchowki, Tehsil-Bishnupur, District- 24 Parganas (South), West Bengal		
Compliance Status of Expansion of Laminate & Resin Manufacturing Unit		
EC Letter No.: J-11011/362/2012-IA II (I) Dated 18th April 2016		
Period of Compliance: 1st July 2023 to 30th December 2023		
• SPECIFIC CONDITIONS		
Sl.No.	EC Conditions	Compliance Status (as on 31st December, 2023)
i)	National Emissions Standards for Organic Chemicals Manufacturing Industry issued by Ministry vide G.S.R 608 (E) dated 21 st July 2010 and amended time to time shall be followed by the unit.	Complied as per standard that is twice in a year through authenticated outside agency and revised periodically.
ii)	Bag filter along with stack of adequate height should be installed to coal/lignite fired steam boiler to control particulate emissions.	All Stack height adequately maintained depending on the structure as per the laid norms nearing to 33 m.
iii)	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Adequate dust suppression systems with water spray shall be provided for storage yard, junction houses. Raw materials loading and unloading area shall be covered and also provided with water spraying system. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and	To maintain the air pollution level water spray is carried out through mist sprayer at regular interval inside the plant in daily basis. All requisite test being conducted by yearly through NABL accredited laboratory Test report were reviewed

	records maintained. Wet scrubber shall be provided to control process emissions. Regular monitoring of Volatile Organic Compounds (VOCs) should be carried out. The emissions shall conform to the limits stipulated by the WBPCB.	and found within norms (Report enclosed).
iv)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	Complied as per CPCB standards. All aged DG has been replaced with Acoustic proof generator set.
v)	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the State Pollution Control Board. The levels of PM10, PM2.5, SO ₂ , NO _x , CO and VOCs in ambient air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.	Compliance status uploaded in the website as per requirement. Reports shared to all the mentioned bodies. Display system has been upgraded through online and displayed near main gate through digital screen.
vi)	Total fresh water requirement from ground water source shall not exceed 70 m ³ /day and prior permission shall be obtained from the CGWA/SGWA.	Maintained within the limit. Apart from this plant is established with two nos. of A/C condensed water reuse stations, from where plant is generating a good amount of water in daily basis. The water is used as make up water in Hot water generator.
vii)	As proposed, no process industrial effluent will be generated as processed condensate shall be recycled in the process Industrial effluent generation (10 m ³ /day) from cooling tower blow down will be treated and recycled/reused within plant premises. Sewage will be treated in the sewage treatment plant (STP). Water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB.	Controlled & Complied. Sewage Treatment Plant (STP) is installed to treat the sewage as per the standard.
viii)	No effluent from the plant shall be discharged outside the factory premises and 'Zero' effluent discharge concept shall be followed.	Followed & Complied.
ix)	Automatic/online monitoring system (24 x 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website. To prevent bypassing of effluent during non-operation of ETP, software controlled interlocking facility should be provided on the basis of real time data	Online monitoring system for stack emission has been installed for all existing stacks and it is functioning effectively in November 2022 onwards. However meter installed online needs modification considering

	from the plant control system.	nature of use. Matter already taken up with authority.
x)	Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Domestic waste water has been reused after the filtration process through STP. Filtrate water used in washrooms. Rainwater harvesting adequate tank has been made for use in gardening, road cleaning.
xi)	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from SPCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency. Disposal of wastes will be as per HW Rules.	Hazardous waste being disposed through authorized vendor-West Bengal Waste Management Limited. Manifest copy F10 has been submitted to WBPCB for the same.
xii)	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Complied.
xiii)	All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 20th November, 2014 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	The commitments made to the public hearing have been implemented along with the separate budget. Apart from the commitment company has continuously involve in CSR activities like providing bus stoppage, offering free drinking water for public, providing tailoring classes for the backward class of locality specially income group, free health check-up camp with experience doctor. Providing assistance to red cross society/ offering school building operate English medium school and free maintenance expenses including security. Donation to BPL category within the localities in kinds during

		winter. Ganaga Sagar Mella Police Assistance Booth / mass plantation programme and water spray during winter for dust suppression in localities two times a day (Copy attached).
xiv)	At least 2.5 % of the total cost of the project should be earmarked towards the Enterprise social Commitment and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.	Total project cost: 5857.53 lakhs. Estimated CSR Value: 1,46,43,825/- Total CSR Expenses has been done till December, 2023: 1,49,93,111.38/-
xv)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per norms	The company maintains firefighting preparedness procedures through periodical hands on training.
xvi)	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Full time unit being operated with trained paramedics' team (24 * 7) and activities were overviewed PMO & Sr. Welfare Officer.
xvii)	Green belt over 16755.3 m ² area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Green belt has been developed as per the required norms.
xviii)	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	Presently there are no such constructions as such. During such activities all norms are followed .
• GENERAL CONDITIONS		
i)	The project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board.	Complied
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to	Necessary compliances will be made.

	add additional environmental protection measures required, if any	
iii)	Ambient air quality data should be collected as per NAAQES standards notified by the Ministry on 16th November, 2009	Complied.
iv)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied.
v)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	High noise area has been identified and proper signage is displayed. PPE provided with required training to workmen. Periodical monitoring was done as per system.
vi)	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Plant already connected with rain water to the nearest pond as mentioned in point no.- X; including addition of 1 lakh KL in extended shed areas apart from 11L kl existing Rainwater harvesting Pond.
vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Training calendar prepared in advanced and reviewed at certain level to ensure the compliance. All periodical health examination of employees is adhered according to health check-up calendar of the plant reviewed by Sr WO/Paramedics .
viii)	Usage of Personnel Protection Equipment's (PPEs) by all employees/ workers shall be ensured.	This is part of the requirement and adhered strictly. Plant is certified with ISO 45001: 2018 (Occupational Health and Safety Management System).
ix)	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management,	Complied.

	risk mitigation measures and public hearing relating to the project shall be implemented	
x)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Company has established free health check-up facilities (Medical camp, picture annexed) for the needy peoples of nearby localities.
xi)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Undertaken eco-friendly beautification including mass plantation programme. Undertaking plantation work in the nearby villages, installed tube wells.
xii)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. In-house testing laboratory has been commissioned and functional from May, 2023 for better free and fair environment.
xiii)	The company shall earmark sufficient funds toward capital cost and recurring cost/annum 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 funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	To improve the air quality Bag filters device has been installed, connected with all stacks and to keep pollution under controlled. Ducting line making, Dust extraction systems installation, dust suppression system has also done in this period. Total Rs. 8,57,553/-
xiv)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Copy circulated.
xv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status reports shall be posted on the website of the company.	1 st July – 31 th December 2023.
xvi)	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment	All reports are preparing and

	(Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	shall be submitted within timeframe.
xvii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied
xviii)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	We have already received the Consent to Establish (NoC) bearing the Memo No.: 449-2N-33/2014(E), dated 18/07/2016 & Consent to Operate(NoC) bearing the Memo No.: 171/30/WPB-B(113)98, dated 28/06/2019 from WBPCB.



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An ISO 9001:2015 Company Certificate : 20DQHH82



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035-CB-QMS

TEST REPORT

SAMPLE DRAWN BY US:

NO. AA(M)/23-24/01205

Date: October 11, 2023

Page 1 of 1

Name of Customer : M/s Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
: Pincode - 743503.
Description of Sample : Ambient Air.
Collection Source : Near CDC - North Side of the Factory.
Monitoring on : 04.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 04.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambient Temperature (°C) (Average) : 28°C
Relative Humidity (%) : 76
Time of Sampling : 10:30 A.M. to 06:30 P.M.

A. CHEMICAL TEST FINDINGS:

Sl No.	Test Parameters	Test Method	Unit	Results	Limit as per NAAQS Notification 18th November, 2009
1	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006, RA 2012	µg/m ³	63.8	100
2	Respirable Particulate Matter (PM _{2.5})	USEPA CFR40, P-50, APP-L, 2006	µg/m ³	37.6	60
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2) : 2001	µg/m ³	10.2	80
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6) : 2006	µg/m ³	22.8	80

...END OF TEST REPORT...



For N.D. International

K.P. De – CEO
(Authorised Signatory)

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2. Results relate only to the parameters tested.
3. The remaining sample after test will be retained for 15 days from the date of issue of certificate.

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SAMPLE DRAWN BY US:

TEST REPORT

NO. AA(M)/23-24/01206

Date: October 11, 2023

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Name of Customer : M/s Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
: Pincode - 743503.
Description of Sample : Ambient Air.
Collection Source : Near Worker Canteen – West Side of the Factory.
Monitoring on : 04.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 04.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambient Temperature (°C) (Average) : 30°C
Relative Humidity (%) : 79
Time of Sampling : 10:00 A.M. to 06:00 P.M.

A. CHEMICAL TEST FINDINGS:

SI No.	Test Parameters	Test Method	Unit	Results	Limit as per NAAQS Notification 18th November, 2009
1	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006, RA 2012	µg/m ³	58.5	100
2	Respirable Particulate Matter (PM _{2.5})	USEPA CFR40, P-50, APP-L, 2006	µg/m ³	39.2	60
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2) : 2001	µg/m ³	9.3	80
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6) : 2006	µg/m ³	11.7	80

...END OF TEST REPORT...



For N.D. International

K.P. De – CEO

(Authorised Signatory)

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TEST REPORT

SAMPLE DRAWN BY US:

NO. AA(M)/23-24/01201

Date: October 11, 2023

Page 1 of 1

Name of Customer : M/s Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
: Pincode - 743503.
Description of Sample : Ambient Air.
Collection Source : Near Main Gate – East Side of Factory.
Monitoring on : 03.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 03.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambient Temperature (°C) (Average) : 29°C
Relative Humidity (%) : 79
Time of Sampling : 09:00 A.M. to 05:00 P.M.

A. CHEMICAL TEST FINDINGS:

Sl No.	Test Parameters	Test Method	Unit	Results	Limit as per NAAQS Notification 18th November, 2009
1	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006, RA 2012	µg/m ³	61.2	100
2	Respirable Particulate Matter (PM _{2.5})	USEPA CFR40, P-50, APP-L, 2006	µg/m ³	41.7	60
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2) : 2001	µg/m ³	6.3	80
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6) : 2006	µg/m ³	17.2	80

...END OF TEST REPORT...



For N.D. International

K.R. De – CEO
(Authorised Signatory)

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TEST REPORT



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SAMPLE DRAWN BY US:

NO. AA(M)/23-24/01202

Date: October 11, 2023

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Name of Customer : M/s Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
: Pincode - 743503.
Description of Sample : Ambient Air.
Collection Source : Near DECO Vencer – South Side of the Factory.
Monitoring on : 03.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 03.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambient Temperature (°C) (Average) : 29.2°C
Relative Humidity (%) : 78
Time of Sampling : 09:30 A.M. to 05:30 P.M.


A. CHEMICAL TEST FINDINGS:

Sl No.	Test Parameters	Test Method	Unit	Results	Limit as per NAAQS Notification 18th November, 2009
1	Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006, RA 2012	µg/m ³	63.5	100
2	Respirable Particulate Matter (PM _{2.5})	USEPA CFR40, P-50, APP-L, 2006	µg/m ³	35.6	60
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2) : 2001	µg/m ³	7.7	80
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6) : 2006	µg/m ³	21.2	80

...END OF TEST REPORT...



For N.D. International


K.P. De – CEO
(Authorised Signatory)

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TEST REPORT

SAMPLE DRAWN BY US:

NO. WA(M)/23-24/01203

Date: October 11, 2023

Page 1 of 1

Name of Client : M/s Century Plyboards India Limited.
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
Pincode - 743503
Description of Sample : Fugitive Air
Collection Source : Near Ply Finishing Area
Monitoring on : 03.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 03.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752

Ambiant Temperature (°C) (Average) : 28.5°C

Relative Humidity (%) : 69

Time of Sampling : 10:00 A.M. to 02:00 P.M.

A. CHEMICAL TESTFINDINGS:

Sl No.	Test parameters	Test Method	Unit	Results	Limit as per Factory Act 1948
1	Suspended Particulate Matter (SPM)	IS : 5182 (Part-4) : 1999	mg/m ³	0.161	Not Specified
2	Respirable Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006 RA 2012	mg/m ³	0.072	Not Specified
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2):2001	mg/m ³	0.008	5
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6):2006	mg/m ³	0.018	6

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For N.D. International

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An ISO 9001:2015 Company Certificate : 20DQHH82



TEST REPORT

SAMPLE DRAWN BY US:

NO. WA(M)/23-24/01204

Date: October 11, 2023

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Name of Client : M/s Century Plyboards India Limited.
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
Pincode - 743503
Description of Sample : Fugitive Air
Collection Source : Near Wood Cheaper Ply Area.
Monitoring on : 03.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 03.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambiant Temperature (°C) (Average) : 27.3°C
Relative Humidity (%) : 79
Time of Sampling : 10:20 A.M. to 02:20 P.M.

A. CHEMICAL TESTFINDINGS:

Sl No.	Test parameters	Test Method	Unit	Results	Limit as per Factory Act 1948
1	Suspended Particulate Matter (SPM)	IS : 5182 (Part-4) : 1999	mg/m ³	0.188	Not Specified
2	Respirable Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006 RA 2012	mg/m ³	0.053	Not Specified
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2):2001	mg/m ³	0.007	5
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6):2006	mg/m ³	0.012	6

...END OF TEST REPORT...



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K.P. De – CEO
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An ISO 9001:2015 Company Certificate : 20DQHH82

TEST REPORT



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SAMPLE DRAWN BY US:

NO. WA(M)/23-24/01232

Date: October 11, 2023

Page 1 of 1

Name of Client : M/s Century Plyboards India Limited.
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
Pincode - 743503
Description of Sample : Fugitive Air
Collection Source : Near DECO Ply Saw Mill.
Monitoring on : 05.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 05.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambiant Temperature (°C) (Average) : 32°C
Relative Humidity (%) : 78
Time of Sampling : 10:20 A.M. to 02:20 P.M.

A. CHEMICAL TEST FINDINGS:

Sl No.	Test parameters	Test Method	Unit	Results	Limit as per Factory Act 1948
1	Suspended Particulate Matter (SPM)	IS : 5182 (Part-4) : 1999	mg/m ³	0.158	Not Specified
2	Respirable Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006 RA 2012	mg/m ³	0.061	Not Specified
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2):2001	mg/m ³	0.009	5
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6):2006	mg/m ³	0.014	6

...END OF TEST REPORT...



For N.D. International

K.P. De – CEO
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An ISO 9001:2015 Company Certificate : 20DQHH82

TEST REPORT



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مركز الاعتمادات العالمي للخدمات
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035-CB-QMS

SAMPLE DRAWN BY US:

NO. WA(M)/23-24/01207

Date: October 11, 2023

Page 1 of 1

Name of Client : M/s Century Plyboards India Limited.
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
Pincode - 743503
Description of Sample : Fugitive Air
Collection Source : DECO Finishing Area.
Monitoring on : 03.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 03.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambiant Temperature (°C) (Average) : 32°C
Relative Humidity (%) : 78
Time of Sampling : 09.35 A.M. to 01:35 P.M.

A. CHEMICAL TEST FINDINGS:

Sl No.	Test parameters	Test Method	Unit	Results	Limit as per Factory Act 1948
1	Suspended Particulate Matter (SPM)	IS : 5182 (Part-4) : 1999	mg/m ³	0.158	Not Specified
2	Respirable Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006 RA 2012	mg/m ³	0.112	Not Specified
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2):2001	mg/m ³	0.005	5
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6):2006	mg/m ³	0.013	6

...END OF TEST REPORT...



For N.D. International

K.P. De
K.P. De – CEO
(Authorised Signatory)

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TEST REPORT



SAMPLE DRAWN BY US:

NO. WA(M)/23-24/01208

Date: October 11, 2023

Page 1 of 1

Name of Client : M/s Century Plyboards India Limited.
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
Pincode - 743503
Description of Sample : Fugitive Air
Collection Source : Laminate Finishing old Dept.
Monitoring on : 04.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 04.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambiant Temperature (°C) (Average) : 27.8°C
Relative Humidity (%) : 71
Time of Sampling : 09:50 A.M. to 01:50 P.M.

A. CHEMICAL TEST FINDINGS:

Sl No.	Test parameters	Test Method	Unit	Results	Limit as per Factory Act 1948
1	Suspended Particulate Matter (SPM)	IS : 5182 (Part-4) : 1999	mg/m ³	0.171	Not Specified
2	Respirable Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006 RA 2012	mg/m ³	0.099	Not Specified
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2):2001	mg/m ³	0.006	5
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6):2006	mg/m ³	0.010	6

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SAMPLE DRAWN BY US:

NO. WA(M)/23-24/01233

Date: October 11, 2023

Page 1 of 1

Name of Client : M/s Century Plyboards India Limited.
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
Pincode - 743503
Description of Sample : Fugitive Air
Collection Source : Near Laminate Finishing new Dept.
Monitoring on : 05.10.2023
Monitoring done by : Mr. A. Mondal, Mr. R. Mandal & R. Dev.
Analysis Started on : 05.10.2023
Analysis Completed on : 10.10.2023

Environmental Condition:

Barometric Pressure (mmHg) (Average) : 752
Ambiant Temperature (°C) (Average) : 27.5°C
Relative Humidity (%) : 69
Time of Sampling : 11:30 A.M. to 03:30 P.M.

A. CHEMICAL TEST FINDINGS:

Sl No.	Test parameters	Test Method	Unit	Results	Limit as per Factory Act 1948
1	Suspended Particulate Matter (SPM)	IS : 5182 (Part-4) : 1999	mg/m ³	0.188	Not Specified
2	Respirable Particulate Matter (PM ₁₀)	IS : 5182 (Part-23) : 2006 RA 2012	mg/m ³	0.113	Not Specified
3	Sulphur dioxide as SO ₂	IS 5182 (Part-2):2001	mg/m ³	0.010	5
4	Nitrogen dioxide as NO ₂	IS 5182 (Part-6):2006	mg/m ³	0.018	6

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TEST REPORT

Certificate No. WA(M)/23-24/1234 to 1239

Dated - 17.10.2023

SAMPLE MONITORING BY US

Page -1 of 1

Name of Company : M/s. Century Plyboards India Limited

Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
: Pincode - 743503.

Description of Sample : Fugitive Air

Monitoring on : 05.10.2023

Analysis Started on : 05.10.2023

Analysis Completed on : 17.10.2023

TEST FINDINGS :

Sl. No.	Sample ID No.	Location	Total Volatile Organic Compound		Formaldehyde	
			NDI/CHEM/SOP/I/HE/01		EN13986:2005	
			Unit	Result	Unit	Result
1	WA(M)/1234	Resin Plant (Laminate Old)	µg/m ³	188	ppm	10
2	WA(M)/1235	A.C. Room Laminate (Old)	µg/m ³	154	ppm	5.3
3	WA(M)/1236	Hot Press Ply	µg/m ³	132	ppm	2.3
4	WA(M)/1237	Resin Plant Ply	µg/m ³	121	ppm	5.5
5	WA(M)/1238	Hot Press Decorative Plant	µg/m ³	101	ppm	6.9
6	WA(M)/1239	Dry No.- (5-6) (Laminate Old)	µg/m ³	111	ppm	11.00

...END OF TEST REPORT...



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Format No. : NDI/FM/90

Date: 11.10.2023

Page 1 of 1

Certificate No. FG(M)/23-24/01212

SAMPLE MONITORING BY US

Name of Company : M/s Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
 : Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 04.10.2023 at 04:10 P.M.
 Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : Hot Water Generator Stack No.- 5.
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack: M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Combustion of Coal.
- 6 Capacity : 30lakes Kcal/Hr.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 33.53 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 24.0 m
- 4 Diameter of the stack at sampling point : 0.9 m
- 5 No. of Traverse Point : 8 nos.
- 6 Area of Stack : 0.6364 m²

C. Fuel Information:

- 1 Fuel used : Coal
- 2 Fuel Consumption : 500 Kg/Hr

Barometric Pressure (Pbar) mmHg: 752**D. Results of sampling and analysis of gaseous emission:**

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act,1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	122	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	7.2	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	11514	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	6.2	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	140.0	Not Specified
6	Nitrogen dioxide	IS 11255(Part 7):2005	mg/Nm ³	95.3	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	9.6	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	61.7	150 (Max.)

Pollution Control Device attached with the stack: Febric Bag Filter.**...END OF TEST REPORT...**

For N.D. International

K.P. De - CEO

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TEST REPORT

Certificate No. FG(M)/23-24/01213

SAMPLE MONITORING BY US

Format No. : NDI/FM/90

Date: 11.10.2023

Page 1 of 1

Name of Company : M/s Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
 : Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 04.10.2023 at 03:25 P.M.
 Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : Thermic Fluid Heater Stack No.- 6.
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Combustion of Coal.
- 6 Capacity : 50Lakes Kcal/Hr.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 33.5 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 24.0 m
- 4 Diameter of the stack at sampling point : 1.4 m
- 5 No. of Traverse Point : 12 nos.
- 6 Area of Stack : 1.54 m²

C. Fuel Information:

- 1 Fuel used : Coal
- 2 Fuel Consumption : 800 Kg/Hr

Barometric Pressure (Pbar) mmHg: 752

D. Results of sampling and analysis of gaseous emission:

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act,1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	127	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	8.7	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	32800	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	7.6	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	189	Not Specified
6	Nitrogen dioxide	IS 11255(Part 7):2005	mg/Nm ³	117	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	10.4	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	71.5	150 (Max.)

Pollution Control Device attached with the stack: Febric Bag Filter.

...END OF TEST REPORT...



For N.D. International

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Certificate No. FG(M)/23-24/01217

Format No. : NDI/FM/90

SAMPLE MONITORING BY US

Date: 11.10.2023

Page 1 of 1

Name of Company	: M/s Century Plyboards India Limited		
Address	: Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.		
	: Pincode - 743503		
Sample Description	: Flue Gas	Date & Time of sampling	: 05.10.2023 at 12:40 P.M.
Equipment used	: Stack Monitoring Kit	Test Completed on	: 10.10.2023

A. General Information :

- 1 Stack connected to : Thermic Fluid Heater (Stack No.- 1).
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Combustion of Wood Chips.
- 6 Capacity : 60 Lakhs Kcal/Hr.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 33.5 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 15.8 m
- 4 Diameter of the stack at sampling point : 0.76 m
- 5 No. of Traverse Point : 8 nos.
- 6 Area of Stack : 0.4538 m²

C. Fuel Information:

- 1 Fuel used : Wood Chips
- 2 Fuel Consumption : 1900 Kg/Hr

Barometric Pressure (Pbar) mmHg: 752**D. Results of sampling and analysis of gaseous emission:**

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	145	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	8.1	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	8521	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	8.2	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	167	Not Specified
6	Nitrogen dioxide	IS 11255 (Part 7):2005	mg/Nm ³	92	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	4.4	Not Specified
9	Particulate Matters	IS 11255 (Part I):1985	mg/Nm ³	74.9	150 (Max.)

Pollution Control Device attached with the stack: Cyclone Separator.**...END OF TEST REPORT...**

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Certificate No. FG(M)/23-24/01218

Format No. : NDI/FM/90

SAMPLE MONITORING BY US

Date: 11.10.2023

Page 1 of 1

Name of Company : M/s Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
 : Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 05.10.2023 at 11:10 A.M. to 01:28 P.M.
 Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : Hot Water Generator (Stack No.- 3).
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Combustion of Coal
- 6 Capacity : 50 Lakhs Kcal/Hr.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 33.0 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 24.0 m
- 4 Diameter of the stack at sampling point : 0.9 m
- 5 No. of Traverse Point : 8 nos.
- 6 Area of Stack : 0.6364 m²

C. Fuel Information:

- 1 Fuel used : Coal
- 2 Fuel Consumption : 800 Kg/Hr

Barometric Pressure (Pbar) mmHg: 752

D. Results of sampling and analysis of gaseous emission:

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	124	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	8.6	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	13486	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	7.9	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	145	Not Specified
6	Nitrogen dioxide	IS 11255(Part 7):2005	mg/Nm ³	79.8	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	10.6	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	65.4	150 (Max.)

Pollution Control Device attached with the stack: Febric Bag Filter.

...END OF TEST REPORT...



For N.D. International

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TEST REPORT

Certificate No. FG(M)/23-24/01215

Format No. : NDI/FM/90

SAMPLE MONITORING BY US

Date: 11.10.2023

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Name of Company	: M/s Century Plyboards India Limited		
Address	: Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs. : Pincode - 743503		
Sample Description	: Flue Gas	Date & Time of sampling	: 04.10.2023 at 11:40 .M. to 12:10 P.M.
Equipment used	: Stack Monitoring Kit	Test Completed on	: 10.10.2023

A. General Information :

- 1 Stack connected to : 500 KVA DG Stack No.- 1 (Laminate New).
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 500 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.0 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 8.8 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

C. Fuel Information:

- 1 Fuel used : HSD
- 2 Fuel Consumption : 60 Ltr/Hr

Barometric Pressure (Pbar) mmHg: 752

D. Results of sampling and analysis of gaseous emission:

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act,1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	172	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	10.4	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	773	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	3.5	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	58.2	Not Specified
6	Nitrogen dioxide	IS 11255(Part 7):2005	mg/Nm ³	83.5	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	6.4	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	47.8	150 (Max.)

Pollution Control Device attached with the stack: Nil.

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TEST REPORT

Certificate No. FG(M)/23-24/01216

Format No. : NDI/FM/90

SAMPLE MONITORING BY US

Date: 11.10.2023

Page 1 of 1

Name of Company : M/s Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
: Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 04.10.2023 at 11:10 A.M. to 11:36 A.M.
Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : 500 KVA DG Stack No.- 2 (Laminate New).
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 500 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.0 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 8.8 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

C. Fuel Information:

- 1 Fuel used : HSD
- 2 Fuel Consumption : 60 Ltr/Hr

Barometric Pressure (Pbar) mmHg: 752

D. Results of sampling and analysis of gaseous emission:

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	165	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	12.3	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	922	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	4.2	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	65.7	Not Specified
6	Nitrogen dioxide	IS 11255(Part 7):2005	mg/Nm ³	91.2	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	6.8	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	43.2	150 (Max.)

Pollution Control Device attached with the stack: Nil.

...END OF TEST REPORT...



For N.D. International

K.P. De - CEO

(Authorised Signatory)

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Certificate No. FG(M)/23-24/01214

SAMPLE MONITORING BY US

Name of Company	: M/s Century Plyboards India Limited		
Address	: Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.		
	: Pincode - 743503		
Sample Description	: Flue Gas	Date & Time of sampling	: 04.10.2023 at 12:15 P.M. to 12:44. P.M.
Equipment used	: Stack Monitoring Kit	Test Completed on	: 10.10.2023

A. General Information :

- 1 Stack connected to : 500 KVA DG Stack No.- 3 (Laminate New).
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack: M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 500 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.8 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 8.8 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

C. Fuel Information:

- 1 Fuel used : HSD
- 2 Fuel Consumption : 60 Ltr/Hr

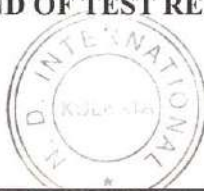
Barometric Pressure (Pbar) mmHg: 752

D. Results of sampling and analysis of gaseous emission:

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act,1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	168	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	10.8	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	793	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	5.7	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	62.0	Not Specified
6	Nitrogen dioxide	IS 11255(Part 7):2005	mg/Nm ³	88.7	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	6.6	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	36.5	150 (Max.)

Pollution Control Device attached with the stack: Nil.

...END OF TEST REPORT...



For N.D. International

K.P. De - CEO
 (Authorised Signatory)

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TEST REPORT

Certificate No. FG(M)/23-24/01209

Format No. : NDI/FM/90

SAMPLE MONITORING BY US

Date: 11.10.2023

Page 1 of 1

Name of Company : M/s Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
 : Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 04.10.2023 at 01:00 P.M. to 01:23 P.M.
 Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : 400 KVA DG Stack No.- 1 (Laminate Old)
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 400 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.0 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 8.6 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

C. Fuel Information:

- 1 Fuel used : HSD
- 2 Fuel Consumption : 60 Ltr/Hr

Barometric Pressure (Pbar) mmHg: 752**D. Results of sampling and analysis of gaseous emission:**

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	129	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	12.4	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	1005	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	5.8	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	51.4	Not Specified
6	Nitrogen dioxide	IS 11255 (Part 7):2005	mg/Nm ³	39.60	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	6.6	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	38.5	150 (Max.)

Pollution Control Device attached with the stack: Nil.**...END OF TEST REPORT...**

For N.D. International

K.P. De - CEO
 (Authorised Signatory)

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TEST REPORT

Format No. : NDI/FM/90

Date: 11.10.2023

Page 1 of 1

Certificate No. FG(M)/23-24/01211

SAMPLE MONITORING BY US

Name of Company : M/s Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
 : Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 04.10.2023 at 02:20 P.M.
 Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : 600 KVA DG Stack No.- 2 (Laminate Old)
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 600 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.0 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 8.6 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

C. Fuel Information:

- 1 Fuel used : HSD
- 2 Fuel Consumption : 65 Ltr/Hr

Barometric Pressure (Pbar) mmHg: 752

D. Results of sampling and analysis of gaseous emission:

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	148	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	13.0	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	1014	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	4.9	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	67.3	Not Specified
6	Nitrogen dioxide	IS 11255 (Part 7):2005	mg/Nm ³	89.00	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	6.8	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	43.2	150 (Max.)

Pollution Control Device attached with the stack: Nil.

...END OF TEST REPORT...



For N.D. International

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 (Authorised Signatory)

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TEST REPORT

Certificate No. FG(M)/23-24/01210

Format No. : NDI/FM/90

SAMPLE MONITORING BY US

Date: 11.10.2023

Page 1 of 1

Name of Company : M/s Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
 : Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 04.10.2023 at 01:40 P.M. to 02:08 P.M.
 Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : 600 KVA DG Stack No.- 3 (Laminate Old)
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 600 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.0 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 8.6 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

C. Fuel Information:

- 1 Fuel used : HSD
- 2 Fuel Consumption : 65 Ltr/Hr

Barometric Pressure (Pbar) mmHg: 752**D. Results of sampling and analysis of gaseous emission:**

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	164	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	11.5	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	854	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	5.9	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	54.6	Not Specified
6	Nitrogen dioxide	IS 11255 (Part 7):2005	mg/Nm ³	71.90	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	6.8	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	41.6	150 (Max.)

Pollution Control Device attached with the stack: Nil.**...END OF TEST REPORT...**

For N.D. International

K.P. De - CEO
 (Authorised Signatory)

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TEST REPORT

Certificate No. FG(M)/23-24/01200

SAMPLE MONITORING BY US

Format No. : NDI/FM/90

Date: 11.10.2023

Page 1 of 1

Name of Company

: M/s Century Plyboards India Limited

Address

: Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
: Pincode - 743503

Sample Description

: Flue Gas

Date & Time of sampling : 03.10.2023 at 04:00 P.M.

Equipment used

: Stack Monitoring Kit

Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : 600 KVA DG Stack No.- 1 (Plyboard DG- 1)
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 750 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.0 m
- 2 Diameter of the stack (a) at bottom: : Not Available
- 3 Height of the sampling point from ground level : 5.4 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

(b) from Roof level : Not Available
(b) at top : Not Available

C. Fuel Information:

- 1 Fuel used : HSD

2 Fuel Consumption : 65 Ltr/Hr

Barometric Pressure (Pbar) mmHg: 752

D. Results of sampling and analysis of gaseous emission:

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	115	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	10.8	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	933	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	2.6	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	61.2	Not Specified
6	Nitrogen dioxide	IS 11255 (Part 7):2005	mg/Nm ³	83.50	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	6.6	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	35.4	150 (Max.)

Pollution Control Device attached with the stack: Nil.

...END OF TEST REPORT...



For N.D. International

K.P. De - CEO

(Authorised Signatory)

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TEST REPORT

Certificate No. FG(M)/23-24/01198

Format No. : NDI/FM/90

SAMPLE MONITORING BY US

Date: 11.10.2023

Page 1 of 1

Name of Company : M/s Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
 : Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 03.10.2023 at 03:05 P.M.
 Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : 1010 KVA DG Stack No.- 2 (Plyboard DG- 2).
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 1010 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.0 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 5.4 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

C. Fuel Information:

- 1 Fuel used : HSD
- 2 Fuel Consumption : 210 Ltr/Hr

Barometric Pressure (Pbar) mmHg: 752

D. Results of sampling and analysis of gaseous emission:

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	142	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	13.8	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	1104	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	3.6	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	74.3	Not Specified
6	Nitrogen dioxide	IS 11255(Part 7):2005	mg/Nm ³	91.70	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	7.8	Not Specified
9	Particulate Matters	IS 11255 (Part 1):1985	mg/Nm ³	39.5	150 (Max.)

Pollution Control Device attached with the stack: Nil.

...END OF TEST REPORT...



For N.D. International

K.P. De
 K.P. De - CEO
 (Authorised Signatory)

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TEST REPORT

Certificate No. FG(M)/23-24/01199

Format No. : NDI/FM/90

SAMPLE MONITORING BY US

Date: 11.10.2023

Page 1 of 1

Name of Company : M/s Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
 : Pincode - 743503

Sample Description : Flue Gas Date & Time of sampling : 03.10.2023 at 04:00 P.M.
 Equipment used : Stack Monitoring Kit Test Completed on : 10.10.2023

A. General Information :

- 1 Stack connected to : 750 KVA DG Stack No.- 3 (Plyboard DG- 3)
- 2 Shape of Stack: : Circular
- 3 Material of construction of stack : M.S.
- 4 Whether stack is provided with permanent platform & ladder : Yes
- 5 Emission due to: : Burning of HSD
- 6 Capacity : 750 KVA.

B. Physical characteristics:

- 1 Heights of the stack (a) from Ground level : 11.0 m (b) from Roof level : Not Available
- 2 Diameter of the stack(a) at bottom: : Not Available (b) at top : Not Available
- 3 Height of the sampling point from ground level : 5.4 m
- 4 Diameter of the stack at sampling point : 0.203 m
- 5 No. of Traverse Point : 4 nos.
- 6 Area of Stack : 0.0324 m²

C. Fuel Information:

1 Fuel used : HSD

2 Fuel Consumption : 95 Ltr/Hr

Barometric Pressure (Pbar) mmHg: 752**D. Results of sampling and analysis of gaseous emission:**

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per Environmental Protection Act, 1986 General Standard Emission Part-D
1	Temperature of emission	IS 11255 (Part III):1985	°C	120	Not Specified
2	Velocity of Gas in duct	IS 11255 (Part III):1985	m/sec	11.6	Not Specified
3	Quantity of gas flow	IS 11255 (Part III):1985	Nm ³ /hr	984	Not Specified
4	Moisture Content	USEPA Method 4	% (v/v)	2.9	Not Specified
5	Sulphur dioxide	IS 11255 (Part 2):1985	mg/Nm ³	68.3	Not Specified
6	Nitrogen dioxide	IS 11255(Part 7):2005	mg/Nm ³	95.00	Not Specified
7	Carbon monoxide	IS 13270:1992	% (v/v)	<0.2	1.0 (Max.)
8	Carbon dioxide	IS 13270:1992	% (v/v)	7.0	Not Specified
9	Particulate Matters	IS 11255 (Part I):1985	mg/Nm ³	36.7	150 (Max.)

Pollution Control Device attached with the stack: Nil.**...END OF TEST REPORT...**

For N.D. International

K.P. De - CEO

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TEST REPORT



Certificate No. NL(M)/23-24/01228 to 01231

SAMPLE MONITORING BY US

Format No. : NDI/FM/87A

Dated - 11.10.2023

Page - 1 of 1

Name of Company : M/s. Century Plyboards India Limited

Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.
: Pincode - 743503.

Description of Sample : Ambient Noise Level

Monitoring on : 05.10.2023

Analysis Started on : 05.10.2023

Analysis Completed on : 11.10.2023

TEST FINDINGS :

Sl. No.	Sample ID No.	Location	Time	Noise Level in dB (A)			Limit as per CPCB
				L _{min}	L _{max}	L _{eq}	
1	NL(M)/1228	Near Main Gate (East Side of the Factory)	10:40 A.M. to 10:50 A.M.	63.50	66.40	65.01	75 dB (A)
2	NL(M)/1229	Near Worker Canteen (West Side of the Factory)	10:55 A.M. to 11:25 A.M.	62.80	65.80	64.45	
3	NL(M)/1230	Near CDC (North Side of the Factory)	11:15 A.M. to 11:25 A.M.	64.80	67.70	66.05	
4	NL(M)/1231	Near Decoveneer (South Side of the Factory)	11:30 A.M. to 11:40 A.M.	70.4	72.4	71.61	

...END OF TEST REPORT...



For N.D. International

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TEST REPORT

Certificate No. NL(M)/23-24/01219 to 01227

Format No. : NDI/FM/87A

SAMPLE MONITORING BY US

Dated - 11.10.2023

Page -1 of 1

Name of Company : **M/s. Century Plyboards India Limited**
 Address : **Diamond Harbour Road, Konchowki, Bishnupur, South 24 Pgs.**
 : **Pincode - 743503.**
 Description of Sample : **Workzone Noise Level**
 Monitoring on : **05.10.2023**
 Analysis Started on : **05.10.2023**
 Analysis Completed on : **11.10.2023**

TEST FINDINGS :

Sl. No.	Sample ID No.	Location	Time	Noise Level in dB (A)			
				L_{min}	L_{max}	L_{eq}	Limit
1	NL(M)/23-24/1219	Near Ply DD Saw Area (Near by M/C)	12:00 P.M. To 12:10 P.M.	87.0	88.6	87.84	90 dB (A)
2	NL(M)/23-24/1220	Near Ply Finishing Area	12:15 P.M. To 12:25 P.M.	83.8	88.0	85.87	
3	NL(M)/23-24/1221	4 FT Peeling Area	12:30 P.M. To 12:40 P.M.	73.0	75.2	74.32	
4	NL(M)/23-24/1222	Near Saw Mill Area	12:50 P.M. To 01:00 P.M.	79.3	81.9	80.55	
5	NL(M)/23-24/1223	Near Sanding Area (Laminate Old)	01:10 P.M. To 01:20 P.M.	78.5	81.6	79.85	
6	NL(M)/23-24/1224	Near Wood Cheaper Area	01:30 P.M. To 01:40 P.M.	79.8	83.5	81.35	
7	NL(M)/23-24/1225	Near Sanding Area (Laminate New)	01:50 P.M. To 02:00 P.M.	85.8	87.7	86.83	
8	NL(M)/23-24/1226	Homag M/C Area Old	02:15 P.M. To 02:25 P.M.	75.2	77.3	76.37	
9	NL(M)/23-24/1227	Homag M/C Area Laminated New	02:35 P.M. To 02:45 P.M.	78.6	80.2	79.48	

Note: 1) Limit as per Model Rules under the Factories Act 1948 (for exposure time of 8 hours).

...END OF TEST REPORT...

For N.D. International

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TEST REPORT

Certificate No : W(D)-(NN)/23-24/01740

Dated: 11.10.2023

SAMPLE DRAWN BY US :

Page - 1 of 1

Name of Customer	: M/S Century Plyboards India Limited
Address	: Diamond Harbour Road, Konchowki, Bishnupur, South 24 Parganas, West Bengal, Pin - 743503
Description of Sample	: Drinking Water
Collection Source	: Worker Canteen Tap Water (Laminate)
Sampling Done by	: Mr. A. Mondal & R. Mondal
Environmental Condition	: Temperature : 32°C, Humidity : 78%
Sample Drawn on	: 05.10.2023
Analysis Started on	: 05.10.2023
Analysis Completed on	: 11.10.2023
Method of Sampling	: IS 17614 (P-25) : 2022, IS 1622 : 1981 (Bact), IS 17614 (P-5) : 2021 (Chem)
Mode of Sampling	: Grab Sampling Plan : NDI/FM/52A

A. MICROBIOLOGICAL PARAMETERS :

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per IS 10500
1	Total Coliform/100ml @ 37°C for 24 hours	IS 1622	Cfu	<1 (DL:1)	Not Detectable
2	Faecal Coliform/100ml @ 44.5°C for 24 hours		---	Absent	---

B. ORGANOLEPTIC & PHYSICAL PARAMETERS :

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					AL(Max.)	PL(Max.)
3	Colour	IS 3025 (Part 4)	Hazen	<1 (DL:1)	5	15
4	Odour	IS 3025 (Part 5)	---	Agreeable	Agreeable	Agreeable
5	pH at 25°C	APHA 23rd Edn, 4500 H ⁺ B	---	7.5	6.5 - 8.5	No Relaxation
6	Turbidity	APHA 23rd Edn, 2130-B	NTU	<1 (DL:1)	1.0	5.0
7	Total Dissolved Solids	APHA 23rd Edn, 2540-C	mg/L	960	500	2000

C. GENERAL PARAMETERS :

8	Calcium as Ca	APHA 23rd Edn, 3500- Ca B	mg/L	144.0	75	200
9	Calcium Hardness as Ca	APHA 23rd Edn, 3500- Ca B	mg/L	360	---	---
10	Chloride as Cl	APHA 23rd Edn, 4500 Cl-B	mg/L	534	250	1000
11	Residual Free Chlorine	IS 3025 (Part 26): 1986	mg/l	<0.1 (DL:0.1)	0.20	1.0
12	Iron as Fe	APHA 23rd Edn, 3500- Fe B	mg/L	<0.1 (DL:0.1)	0.30	No Relaxation
13	Magnesium as Mg	APHA 23rd Edn, 3500- Mg B	mg/L	43.7	30	100
14	Sulphate as SO ₄	APHA 23rd Edn, 4500- SO ₄ ²⁻ E	mg/L	24	200	400
15	Total Alkalinity as CaCO ₃	APHA 23rd Edn, 2320-B	mg/L	319	200	600
16	Total Hardness as CaCO ₃	APHA 23rd Edn, 2340-C	mg/L	540	200	600
17	Arsenic as As	APHA 23rd Edn, 3114C	mg/l	<0.002 (DL: 0.002)	0.01	0.05

Note : 1. AL - Acceptable Limit. 2. PL - Permissible Limit, DI - Detection Limit.

As per IS 10500 Total Coliform should be Not Detectable/100ml, which is equivalent to <1 Cfu/100 ml as per IS: 1622.

Remarks : Bacteriologically : Satisfactory for the above tested parameters.

Chemically : Satisfactory for the above tested parameters.

Total Dissolved Solids, Calcium, Chloride, Magnesium, Total Alkalinity & Total Hardness are beyond the AL(Max.) but within PL(Max.).

Statement of Conformity is applied considering Decision Rule as per ISO Guide 98-4.

...END OF TEST REPORT...

For, N.D. International

Sweta Mukherjee
(Microbiologist)

(Authorised Signatory)



For, N.D. International

K. P. De - CEO
(Authorised Signatory)

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**N.D. INTERNATIONAL**

GOVERNMENT REGISTERED

An ISO 9001:2015 Company Certificate : 20DQHH82


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 Emirates International Accreditation Centre
 035-CB-QMS
TEST REPORT

Certificate No : W(D)-(NN)/23-24/01741

Dated: 11.10.2023

SAMPLE DRAWN BY US :

Page - 1 of 1

Name of Customer : M/S Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Parganas,
 West Bengal, Pin - 743503
 Description of Sample : Drinking Water
 Collection Source : Operation Mess Cooler Tap Water
 Sampling Done by : Mr. A. Mondal & R. Mondal
 Environmental Condition : Temperature : 32°C, Humidity : 78%
 Sample Drawn on : 05.10.2023
 Analysis Started on : 05.10.2023
 Analysis Completed on : 11.10.2023
 Method of Sampling : IS 17614 (P-25) : 2022, IS 1622 : 1981(Bact), IS 17614 (P-5) : 2021(Chem)
 Mode of Sampling : Grab Sampling Plan : NDI/FM/52A

A. MICROBIOLOGICAL PARAMETERS :

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per IS 10500
1	Total Coliform/100ml @ 37°C for 24 hours	IS 1622	Cfu	<1 (DL:1)	Not Detectable
2	Faecal Coliform/100ml @ 44.5°C for 24 hours		---	Absent	---

B. ORGANOLEPTIC & PHYSICAL PARAMETERS :

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					AL(Max.)	PL(Max.)
3	Colour	IS 3025 (Part 4)	Hazen	<1 (DL:1)	5	15
4	Odour	IS 3025 (Part 5)	--	Agreeable	Agreeable	Agreeable
5	pH at 25°C	APHA 23rd Edn, 4500 H ⁺ B	--	7.3	6.5 - 8.5	No Relaxation
6	Turbidity	APHA 23rd Edn, 2130-B	NTU	<1 (DL:1)	1.0	5.0
7	Total Dissolved Solids	APHA 23rd Edn, 2540-C	mg/L	776	500	2000

C. GENERAL PARAMETERS :

8	Calcium as Ca	APHA 23rd Edn, 3500- Ca B	mg/L	108	75	200
9	Calcium Hardness as Ca	APHA 23rd Edn, 3500- Ca B	mg/L	270	---	
10	Chloride as Cl	APHA 23rd Edn, 4500 Cl-B	mg/L	364	250	1000
11	Residual Free Chlorine	IS 3025 (Part 26): 1986	mg/l	<0.1 (DL:0.1)	0.20	1.0
12	Iron as Fe	APHA 23rd Edn, 3500- Fe B	mg/L	<0.1 (DL:0.1)	0.30	No Relaxation
13	Magnesium as Mg	APHA 23rd Edn, 3500- Mg B	mg/L	31.6	30	100
14	Sulphate as SO ₄	APHA 23rd Edn, 4500- SO ₄ ²⁻ E	mg/L	28	200	400
15	Total Alkalinity as CaCO ₃	APHA 23rd Edn, 2320-B	mg/L	352	200	600
16	Total Hardness as CaCO ₃	APHA 23rd Edn, 2340-C	mg/L	400	200	600
17	Arsenic as As	APHA 23rd Edn, 3114C	mg/l	<0.002 (DL: 0.002)	0.01	0.05

Note : 1. AL - Acceptable Limit. 2. PL - Permissible Limit, DL - Detection Limit.

As per IS 10500 Total Coliform should be Not Detectable/100ml, which is equivalent to <1 Cfu/100 ml as per IS: 1622.

Remarks : Bacteriologically : Satisfactory for the above tested parameters.

Chemically : Satisfactory for the above tested parameters.

Total Dissolved Solids, Calcium, Chloride, Magnesium, Total Alkalinity & Total Hardness are beyond the AL(Max.) but within PL(Max.).

Statement of Conformity is applied considering Decision Rule as per ISO Guide 98-4.

...END OF TEST REPORT...

For, N.D. International

 Sweta Mukherjee
 (Microbiologist)

(Authorised Signatory)



For, N.D. International

 K. P. De - CEO
 (Authorised Signatory)

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**N.D. INTERNATIONAL**

GOVERNMENT REGISTERED

An ISO 9001:2015 Company Certificate : 20DQHH82

**TEST REPORT**

Certificate No : W(D)-(NN)/23-24/01742

Dated: 11.10.2023

SAMPLE DRAWN BY US :

Page - 1 of 1

Name of Customer : M/S Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Parganas,
 West Bengal, Pin - 743503
 Description of Sample : Drinking Water
 Collection Source : Ply Worker Canteen Cooler Tap Water
 Sampling Done by : Mr. A. Mondal & R. Mondal
 Environmental Condition : Temperature : 32°C, Humidity : 78%
 Sample Drawn on : 05.10.2023
 Analysis Started on : 05.10.2023
 Analysis Completed on : 11.10.2023
 Method of Sampling : IS 17614 (P-25) : 2022, IS 1622 : 1981 (Bact), IS 17614 (P-5) : 2021 (Chem)
 Mode of Sampling : Grab Sampling Plan : NDI/FM/52A

A. MICROBIOLOGICAL PARAMETERS :

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per IS 10500
1	Total Coliform/100ml @ 37°C for 24 hours	IS 1622	Cfu	<1 (DL:1)	Not Detectable
2	Faecal Coliform/100ml @ 44.5°C for 24 hours		---	Absent	---

B. ORGANOLEPTIC & PHYSICAL PARAMETERS :

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					AL(Max.)	PL(Max.)
3	Colour	IS 3025 (Part 4)	Hazen	<1 (DL:1)	5	15
4	Odour	IS 3025 (Part 5)	--	Agreeable	Agreeable	Agreeable
5	pH at 25°C	APHA 23rd Edn, 4500 H ⁺ B	--	7.4	6.5 - 8.5	No Relaxation
6	Turbidity	APHA 23rd Edn, 2130-B	NTU	<1 (DL:1)	1.0	5.0
7	Total Dissolved Solids	APHA 23rd Edn, 2540-C	mg/L	806	500	2000

C. GENERAL PARAMETERS :

8	Calcium as Ca	APHA 23rd Edn, 3500- Ca B	mg/L	104	75	200
9	Calcium Hardness as Ca	APHA 23rd Edn, 3500- Ca B	mg/L	260	---	
10	Chloride as Cl	APHA 23rd Edn, 4500 Cl-B	mg/L	495	250	1000
11	Residual Free Chlorine	IS 3025 (Part 26): 1986	mg/l	<0.1 (DL:0.1)	0.20	1.0
12	Iron as Fe	APHA 23rd Edn, 3500- Fe B	mg/L	<0.1 (DL:0.1)	0.30	No Relaxation
13	Magnesium as Mg	APHA 23rd Edn, 3500- Mg B	mg/L	36.5	30	100
14	Sulphate as SO ₄	APHA 23rd Edn, 4500- SO ₄ ²⁻ E	mg/L	21	200	400
15	Total Alkalinity as CaCO ₃	APHA 23rd Edn, 2320-B	mg/L	363	200	600
16	Total Hardness as CaCO ₃	APHA 23rd Edn, 2340-C	mg/L	410	200	600
17	Arsenic as As	APHA 23rd Edn, 3114C	mg/l	<0.002 (DL: 0.002)	0.01	0.05

Note : 1. AL - Acceptable Limit. 2. PL - Permissible Limit, DI - Detection Limit.

As per IS 10500 Total Coliform should be Not Detectable/100ml, which is equivalent to <1 Cfu/100 ml as per IS: 1622.

Remarks : Bacteriologically : Satisfactory for the above tested parameters.

Chemically : Satisfactory for the above tested parameters.

Total Dissolved Solids, Calcium, Chloride, Magnesium, Total Alkalinity & Total Hardness are beyond the AL(Max.) but within PL(Max.).

Statement of Conformity is applied considering Decision Rule as per ISO Guide 98-4.

...END OF TEST REPORT...

For, N.D. International

Sweta Mukherjee
(Microbiologist)

(Authorised Signatory)



For, N.D. International

K. P. De - CEO

(Authorised Signatory)

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GOVERNMENT REGISTERED

An ISO 9001:2015 Company Certificate : 20DQHH82



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035-CB-QMS

TEST REPORT

Certificate No : W(D)-(NN)/23-24/01743

SAMPLE DRAWN BY US :

Dated: 11.10.2023

Page - 1 of 1

Name of Customer : M/S Century Plyboards India Limited
 Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Parganas,
 West Bengal, Pin - 743503
 Description of Sample : Drinking Water
 Collection Source : Executive Mess Cooler Tap Water
 Sampling Done by : Mr. A. Mondal & R. Mondal
 Environmental Condition : Temperature : 32°C, Humidity : 78%
 Sample Drawn on : 05.10.2023
 Analysis Started on : 05.10.2023
 Analysis Completed on : 11.10.2023
 Method of Sampling : IS 17614 (P-25) : 2022, IS 1622 : 1981(Bact), IS 17614 (P-5) : 2021(Chem)
 Mode of Sampling : Grab Sampling Plan : NDI/FM/52A

A. MICROBIOLOGICAL PARAMETERS :

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per IS 10500
1	Total Coliform/100ml @ 37°C for 24 hours	IS 1622	Cfu	<1 (DL:1)	Not Detectable
2	Faecal Coliform/100ml @ 44.5°C for 24 hours		---	Absent	---

B. ORGANOLEPTIC & PHYSICAL PARAMETERS :

Sl. No.	Test Parameters	Test Method	Unit	Results	Norms as per IS 10500:2012	
					AL(Max.)	PL(Max.)
3	Colour	IS 3025 (Part 4)	Hazen	<1 (DL:1)	5	15
4	Odour	IS 3025 (Part 5)	--	Agreeable	Agreeable	Agreeable
5	pH at 25°C	APHA 23rd Edn, 4500 H ⁺ B	--	7.3	6.5 - 8.5	No Relaxation
6	Turbidity	APHA 23rd Edn, 2130-B	NTU	<1 (DL:1)	1.0	5.0
7	Total Dissolved Solids	APHA 23rd Edn, 2540-C	mg/L	948	500	2000

C. GENERAL PARAMETERS :

8	Calcium as Ca	APHA 23rd Edn, 3500- Ca B	mg/L	128	75	200
9	Calcium Hardness as Ca	APHA 23rd Edn, 3500- Ca B	mg/L	320	---	
10	Chloride as Cl	APHA 23rd Edn, 4500 Cl-B	mg/L	500	250	1000
11	Residual Free Chlorine	IS 3025 (Part 26): 1986	mg/l	<0.1 (DL:0.1)	0.20	1.0
12	Iron as Fe	APHA 23rd Edn, 3500- Fe B	mg/L	<0.1 (DL:0.1)	0.30	No Relaxation
13	Magnesium as Mg	APHA 23rd Edn, 3500- Mg B	mg/L	26.7	30	100
14	Sulphate as SO ₄	APHA 23rd Edn, 4500- SO ₄ ²⁻ E	mg/L	23	200	400
15	Total Alkalinity as CaCO ₃	APHA 23rd Edn, 2320-B	mg/L	374	200	600
16	Total Hardness as CaCO ₃	APHA 23rd Edn, 2340-C	mg/L	430	200	600
17	Arsenic as As	APHA 23rd Edn, 3114C	mg/l	<0.002 (DL: 0.002)	0.01	0.05

Note : 1. AL - Acceptable Limit. 2. PL - Permissible Limit, DL - Detection Limit.

As per IS 10500 Total Coliform should be Not Detectable/100ml, which is equivalent to <1 Cfu/100 ml as per IS: 1622.

Remarks : Bacteriologically : Satisfactory for the above tested parameters.

Chemically : Satisfactory for the above tested parameters.

Total Dissolved Solids, Calcium, Chloride, Total Alkalinity & Total Hardness are beyond the AL(Max.) but within PL(Max.).

Statement of Conformity is applied considering Decision Rule as per ISO Guide 98-4.

...END OF TEST REPORT...

For, N.D. International

Sweta Mukherjee
(Microbiologist)

(Authorised Signatory)



For, N.D. International

K. P. De - CEO

(Authorised Signatory)

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N.D. INTERNATIONAL

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An ISO 9001:2015 Company Certificate : 20DQHH82



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TEST REPORT

Certificate No.: E(D)-(NN)/23-24/01738

Date: 10.10.2023

SAMPLE RECEIVED BY : US

Page 1 of 1

Name of Customer : M/s. Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Parganas,
: West Bengal, Pin - 743503
Description of Sample : STP Water
Collection Source : STP Inlet
Sampling Done by : Mr. A. Mondal & R. Mondal
Environmental Condition : Temperature : 32°C, Humidity : 78%
Sample Drawn on : 05.10.2023
Analysis Started on : 05.10.2023
Analysis Completed on : 10.10.2023

A. CHEMICAL TEST FINDINGS:

Sl No.	Test Parameters	Test Method	Unit	Result
1	pH at 25°C	APHA 23rd Edn, 4500 H ⁺ B	---	7.89
2	Total Suspended Solids	APHA 23rd Edn, 2540 D	mg/L	68
3	Biochemical Oxygen Demand at 27°C for 3 days	IS 3025 (Part - 44) 1993	mg/L	42
4	Chemical Oxygen Demand	APHA 23rd Edn, 5220 B	mg/L	144
5	Oil & Grease	APHA 23rd Edn, 5520 B	mg/L	4.2
6	Phenolic Compound as C ₆ H ₆ OH	APHA 23rd Edn, 5530-D	mg/L	0.52

...End of Test Report...



For, N.D. International

K.P. De

K.P. De - CEO

(Authorised Signatory)

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TEST REPORT

Certificate No.: E(D)-(NN)/23-24/01739

Date: 10.10.2023

SAMPLE RECEIVED BY : US

Page 1 of 1

Name of Customer : M/s. Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Parganas,
: West Bengal, Pin - 743503
Description of Sample : STP Water
Collection Source : STP Outlet
Sampling Done by : Mr. A. Mondal & R. Mondal
Environmental Condition : Temperature : 32°C, Humidity : 78%
Sample Drawn on : 05.10.2023
Analysis Started on : 05.10.2023
Analysis Completed on : 10.10.2023

A. CHEMICAL TEST FINDINGS:

Sl No.	Test Parameters	Test Method	Unit	Result	Limit as per Environmental Protection Act. (MOE & F) for Effluent discharge into inland surface water
1	pH at 25°C	APHA 23rd Edn, 4500 H ⁺ B	---	7.51	5.5 - 9.0
2	Total Suspended Solids	APHA 23rd Edn, 2540 D	mg/L	32	100 mg/L (max)
3	Biochemical Oxygen Demand at 27°C for 3	IS 3025 (Part - 44) 1993	mg/L	24	30 mg/L (max)
4	Chemical Oxygen Demand	APHA 23rd Edn, 5220 B	mg/L	121	250 mg/L (max)
5	Oil & Grease	APHA 23rd Edn, 5520 B	mg/L	<2 (DL:2)	10 mg/L (max)
6	Phenolic Compound as C ₆ H ₆ OH	APHA 23rd Edn, 5530-D	mg/L	<0.05 (DL:0.05)	1 mg/L (max)

Note : DL - Detection Limit.

Remarks : Satisfactory for the above tested parameters.

...End of Test Report...



For, N.D. International

K.P. De - CEO

(Authorised Signatory)

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TEST REPORT

Certificate No.: E(D)-(NN)/23-24/01738

Date: 10.10.2023

SAMPLE RECEIVED BY : US

Page 1 of 1

Name of Customer : M/s. Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Parganas,
West Bengal, Pin - 743503
Description of Sample : STP Water
Collection Source : STP Inlet
Sampling Done by : Mr. A. Mondal & R. Mondal
Environmental Condition : Temperature : 32°C, Humidity : 78%
Sample Drawn on : 05.10.2023
Analysis Started on : 05.10.2023
Analysis Completed on : 10.10.2023

A. Microbiological Test Parameters

Sl No.	Test Parameters	Test Method	Unit	Result
1	Total coliform/100ml	APHA 9221B 23rd Edition	MPN	1600
2	Faecal Coliform/100ml	APHA 9221E 23rd Edition	MPN	540

...End of Test Report...



For N.D. International

Sweta Mukherjee
(Microbiologist)

(Authorised Signatory)

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TEST REPORT

Certificate No.: E(D)-(NN)/23-24/01739

Date: 10.10.2023

SAMPLE RECEIVED BY : US

Page 1 of 1

Name of Customer : M/s. Century Plyboards India Limited
Address : Diamond Harbour Road, Konchowki, Bishnupur, South 24 Parganas,
: West Bengal, Pin - 743503
Description of Sample : STP Water
Collection Source : STP Outlet
Sampling Done by : Mr. A. Mondal & R. Mondal
Environmental Condition : Temperature : 32°C, Humidity : 78%
Sample Drawn on : 05.10.2023
Analysis Started on : 05.10.2023
Analysis Completed on : 10.10.2023

A. Microbiological Test Parameters

Sl No.	Test Parameters	Test Method	Unit	Result
1	Total coliform/100ml	APHA 9221B 23rd Edition	MPN	240
2	Faecal Coliform/100ml	APHA 9221E 23rd Edition	MPN	15

...End of Test Report...



For N.D. International

Sweta Mukherjee
(Microbiologist)

(Authorised Signatory)

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Some glimps of CSR activities by Centuty Ply (I) Ltd. Joka Plant



Photos: Free health checkup programme for needy people of locality



Photo: Rain water harvesting project



Photo: A/C condensed water reuse stations.





Photo: Mass plantation awareness and distribution of saplings in locality





Photo: Water mist sprayer for proper dust suppression on the road and inside the plant



Photo: Free drinking water for local villagers.



Photo: ATM and free drinking water station installed for local peoples



Photo: Free tailoring training to local needy women