



WEST COAST PAPER MILLS LTD.,

Registered & Works Office : Post Box No. 5, Bangur Nagar, Dandeli-581 325
Dist Uttar Kannada (Karnataka) - India

CORPORATE IDENTITY NO : L02101KA1955PLC001936 website : www.westcoastpaper.com
Ph : (08284) 231391 - 395 (5 lines) Fax : 08284 - 231225 (Admn. Office) 230443 (Works Office)



ZZO/CLAB(Env Cell)-MOEF/17/ 973
29-05-2021

THE DIRECTOR (S),

Ministry of Environment & Forest,
Regional Office - (Southern Zone),
Kendriya Sadan, 4th Floor, E & F Wings, 17th Main Road,
2nd Block, Koramangala,
BANGALORE - 560 034.

Speed Post with AD

Dear Sir,

Sub : Mill Development Plan (MDP) Comprising of augmentation of pulp mill and existing paper machines, installation of Multi layer Coated Board Machine and installation of 35 MW steam turbine with 135 TPH FBC Boiler by M/s. West Coast Paper Mills Limited at P.B. No.5, Bangur Nagar, Dandeli, District Uttar Kannada , Karanataka.- Environmental Clearance - regarding.

Ref : E C No. F. No J-11011 / 408 / 2006 - IA.- II (I) dated - 01-02-2021 Ministry of Environment & Forests. Government of India, New Delhi.

We, M/s West Coast Paper Mills Limited ,Dandeli are thankful for granting us Environmental Clearance for the above Mill Development Plan. Due to Covid -19 Pandemic, we are unable to start the Mill Development Plan activities.

This has reference to your letter No I. P. 12.1/2020-21/13/KAR/8 Dated 06.04.2021,in response to above please find here with six monthly compliance report for the preceding periods up to March -2021.

We hope you will find the above in order.

Thanking You,

Yours faithfully,

For WEST COAST PAPER MILLS LIMITED, DANDELI.


B.H.RATHI
PRESIDENT (TECH)

Encl: as above.

CC : **ENVIRONMENT OFFICER,**
Karnataka State Pollution Control Board,
Regional Office, "Parisara Bhavan",
LIG-11 b - 217, Near Hari Om Trust,
Habbuwada,
KARWAR.

Speed Post with AD



Corporate Office : 31, Chowringhee Road, Kolkata - 700 016
Phone : (033) 2265 6271-78 (8 lines), Fax : (033) 2226 5242,
E-mail : wcpm.sale@westcoastpaper.com

EC CONDITIONS	OUR COMPLIANCE
A: Specific conditions:	
i. The project proponent shall obtain the necessary permission from the competent authority concerned for drawl of surface water before commencement of work.	Permission obtained from Government of Karnataka letter No: WRD: 46: MPZ: 2018 dated 18.02.2020.and letter No:WRD:46:MPZ:2018(P-1) dated 09.04.2021. Valid from 03.06.2018 to 02.06.2023.
ii. Green belt shall be developed in an area equal to 34% of the plant area with a native tree species (density 1000 trees per acre) in a time frame of two years in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Additional green belt area has been identified and tree planting activity has been started and expected to be completed within two years.
iii.	
iv. Action plan for management of wastewater during rainy season shall be submitted to the RO.	Storm water channel and waste water channel has been separated. Accordingly RO has been informed vide letter No: ZZO/CLAB (Env Cell)-MOEF/17/ 924 , dated 24.05.2021.
v. PTFE bags shall be used in filter bag house and designed for 150% of normal design air flow.	PTFE bags shall be used in filter bag house for New Dust Extraction system .
vi. PP shall use ultralow NOx burner with three stage combustion, flue gas recirculation and auto combustion control system.	Shall be used for New FBC boiler considered in Mill Development Plan (MDP).
vii. FGD system for SOx Control shall be used.	Shall be used for New FBC boiler, considered in Mill Development Plan (MDP).
B. General conditions:	
I. Statutory compliance:	
i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts / Rules / Subordinate legislations etc., as may be applicable to the project.	Noted & will be followed.
II. Air quality monitoring and preservation	
i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment(Protection) Act, 1986 or NABL accredited laboratories.	Continuous emission monitoring system and CAAQMS for monitoring of AAQ are already installed and being monitored. Ambient air, PM10,PM2.5 data are connected to SPCB & CPCB. For connection of SOx and NOx required details have been given to CPCB and Nevco IT (equipment supplier).
ii. The project proponent shall monitor fugitive	Quarterly fugitive emissions monitoring through

EC CONDITIONS	OUR COMPLIANCE
emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	labs recognized under Environment Act 1986 is being done. Report of last quarter (Jan- March 2021) is attached. – Annexure -1
iii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Agreed & will be followed accordingly.
iv. The project proponent shall install high volume, low concentration NCG collection & destruction system to mitigate all malodorous gases emitted.	We have installed non condensable gases burner system which is manufactured by M/s Carbone of America, Salem, V.America exported by M/s A. H. Lundberg Associates Inc Bellevue W.America & marketed in India by M/s Etof Hansson (India) PVT Ltd of Chennai. The system is running satisfactorily. The installation of High Volume Low Concentration NCG collection system and destruction system will be explored along with Mill Development Plan (MDP).
v. Emissions shall be controlled from chemical recovery section through primary and secondary venturi scrubbers.	For Recovery Boiler and RLK stacks, emission control, already high efficient ESPs are installed which are more effective.
vi. Pollution control system in the pulp and paper plant shall be provided as per the CREP Guidelines of CPCB.	Pollution control system as per the CREP guidelines is in place. Hence complied.
vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Already existing.
viii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Wind break arrangement has been provided for the existing raw material storage piles. RCC roads, adequate dust suppression and collection system provided for all piles.
ix. In case of treatment process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.	Noted.
x. The company shall install Oxygen De-lignification (ODL) Plant and shall maintain AOX below 1 kg/tonne of paper production	Company has already installed ODL plant and AOX is maintained below 1kg/ton of production. As per MVS Analytical Laboratories test report dt 06.02.2021 AOX level was 0.026mg/l ie 0.42 kg/ton of product .Test report attached as Annexure -2
xi. Elemental Chlorine Free (ECF) technology shall be used and lime kiln shall be installed to manage lime sludge.	Company has already installed ECF Bleaching and Lime Kilns to manage the lime sludge.
III. Water quality monitoring and preservation.	
i. The project proponent shall install 24x7 continuous effluent monitoring with respect to standards prescribed in Environment	Effluent on line monitoring system with respect to standards prescribed in Environment (protection) Rules 1986 have been installed and connected to

EC CONDITIONS	OUR COMPLIANCE
<p>(Protection) Rules 1986 vide G.S.R. No.546(E) dated 30th August 2008 as amended from time to time and S.O.3305 (E) dated 7th December 2015. (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB</p> <p>online servers and calibrate this system from time to time according to equipment supplier Specification through labs recognized under Environment (Protection) Act. 1986 or NABL accredited laboratories.</p>	<p>SPCB & CPCB .</p>
<p>ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act. 1986 and NABL accredited laboratories.</p>	<p>Being done. Due to Covid -19 spread out ,WCPM Ltd, has not entrusted the services of external agencies to carry out the pre and post monsoon parameters.</p>
<p>iii. The project proponent shall provide the ETP to meet the standards prescribed in vide G.S.R. No. 546 (E) dated 30th August 2008 as amended from time to time and S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time.</p>	<p>Existing ETP is adequate to meet the existing and future requirement.</p>
<p>iv. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.</p>	<p>Sewage effluent from the colony of Mill is being treated with the pulp mill effluent in Activated Sludge process. The treated effluent is meeting the stipulated standards. This will be continued with future modifications of the Mill.</p>
<p>v. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.</p>	<p>Garland drains are provided at stock piles area with collection pits for the existing operations .For the new project, shall be provided accordingly if required.</p>
<p>vi. Tyre washing facilities shall be provided at the entrance of the plant gate(s).</p>	<p>Initially simple water pit will be made as a tyre washing system. We will explore better system in future.</p>
<p>vii. Ensure that there is no black liquor spillage in the area of pulp mill, no use of elemental chlorine for bleaching in mill, installation of hypo preparation plant.</p>	<p>2Nos of pits are provided in fibre line to collect black liquor from spillage & reuse in to the system. No elemental chlorine is being used for bleaching; No hypo preparation plant is installed, as we buy hypo from market for treatment of raw water.</p>
<p>viii. Ensure that no spillage of foam in chemical recovery plant, no discharge of foul condensate generated from MEE in the Chemical recovery process directly to ETP.</p>	<p>Combined Foul condensate stripping plant shall be installed along with new Evaporator system.</p>
<p>ix. The project proponent shall practice rainwater harvesting to maximum possible extent.</p>	<p>Noted & being followed</p>
<p>x. Water meters shall be provided at the inlet to all unit processes.</p>	<p>Water meters already provided at the inlet of all unit</p>
<p>xi. The project proponent shall make efforts to</p>	<p>By implementing 3R Principle, i.e Reduce</p>

EC CONDITIONS	OUR COMPLIANCE
<p>minimize water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.</p>	<p>Recycle and Reuse ,our water consumption is far below the stipulated norms.</p>
IV. Noise monitoring and prevention	
<p>i. Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation And Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.</p>	<p>Being done.</p>
V. Energy Conservation measures	
<p>i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.</p>	<p>Noted & shall be followed.</p>
<p>ii. Provide LED lights in their offices and residential areas.</p>	<p>In the year 2019-20 about 800 Numbers LED tube lights and LED fixtures were used in place of conventional tubes. In the year 2020-2021 also about 700 Numbers LED fixtures were replaced.</p>
VI. Waste management	
<p>i. Deinking sludge and fine sludge from ETP shall be disposed through TSDF.</p>	<p>Deinking sludge generated from proposed Deinking plant, shall be disposed scientifically.</p>
<p>ii. Black Liquor shall be separately processed for recovery of energy and chemical in a Chemical Recovery Process.</p>	<p>Already all Black liquor generated is being processed in Chemical recovery Boiler.</p>
<p>iii. Sufficient number of colour coded waste collection bins shall be constructed at shop floors in each shop to systematically segregate and store waste materials generated at the shop floors (other than Process waste) in designated coloured bins for value addition by promoting reuse of such wastes and for good housekeeping.</p>	<p>Noted & being followed.</p>
<p>iv. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.</p>	<p>100% fly ash is being given to brick manufactures and cement manufacturers.</p>
<p>v. Kitchen waste shall be composted or converted to biogas for further use.</p>	<p>Composting is being done and sent to Dandeli ECO Park.</p>
VII. Green Belt.	
<p>i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.</p>	<p>Factory area GHG emissions inventory shall be prepared and accordingly programme for reduction of GHG including carbon sequestration with plantation shall be made.</p>
VIII. Public hearing and Human health issues	
<p>i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be</p>	<p>Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan has been</p>

EC CONDITIONS	OUR COMPLIANCE
implemented.	implemented.
ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Being carried out.
iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Being done.
IX. Corporate Environment Responsibility.	
i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 30/09/2020.	As per the table given in EC Point no 18 action plan ,time frame,& budget of Rs. 575lac, has been embarked for the local community development with in the vicinity of the project area for 5 years. .
ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental/forest/wildlife norms/conditions and /or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	The company is certified for ISO 9001, ISO 14001and OHSAS18001 standards and having well laid down Integrated Management System (IMS) policy duly approved by Board of Directors. Attached as Annexure 3
iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organization.	Environmental Cell with qualified personnel is already there.
X. Miscellaneous	
i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	EC copy displayed in the project proponent web site on 10.2.2021. EC granted was advertised in DECAN HERALD on 11.2.2021 and Karavali Munjavu on 11.2.2021.
ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	EC hard copies submitted to Heads of local bodies, Panchayats and municipal Bodies on 10.2.2021.
iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of	Half yearly compliance report for existing plant is being uploaded in the web site. For new EC compliance, report will be submitted by 1 st JUNE 2021 and uploaded in the web site.

EC CONDITIONS	OUR COMPLIANCE
monitored data on their website and update the same on half-yearly basis.	
iv. The project proponent shall monitor the criteria pollutants level namely: PM10, SOx NOx (ambient levels as well as stack emissions) or critical sectoral parameters indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	The criteria pollutants levels namely PM10,PM2.5 (ambient levels as well as stack emissions),are being displayed in Web site. Display board has been installed in front of Factory gate.
v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	For the existing plant Six-monthly reports on the status of the compliance of the stipulated environmental conditions is being submitted. For new EC, Compliance report will be submitted by 1 st JUNE 2021.
vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Environmental statement for financial year in Form-V format is being submitted to State Pollution Control Board.
vii. The project proponent 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, commencing the land development work and start of production operation by the project.	Noted
viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Public hearing points as per the point no 18, given in EC shall be implemented. Rs.575Lac has been embarked for the local community development with in the vicinity of the project area for 5 years.
ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted
x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted

EC CONDITIONS	OUR COMPLIANCE
xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Noted
xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

For WEST COAST PAPER MILLS LIMITED, DANDELI.



B.H.RATHI
PRESIDENT (TECH)
DATE: 29-05-2021

ACCREDITATIONS / CERTIFICATIONS



MoEF & CC, New Delhi (F.N.O. Q -15018 / 34 / 2015 / CPW)
 ISO/IEC 17025:2017 (NABL ACCREDITED)
 ISO 9001:2015
 OHSAS 18001 : 2007



TC 4950
 Valid upto 31/03/2022



CIN: U74900KA2013PTC069151

**NICHROME TESTING LABORATORY
 AND RESEARCH PRIVATE LIMITED**

Regd Add : 170, JUDGES BUNGALOW ROAD, NARAYANPUR,
 DHARWAD, KARNATAKA, INDIA PIN : 580 008
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 email : nlcechem@gmail.com, website : nichromelabs.com

TESTING / CONSULTING / ENGINEERING / TRAINING

Format No: NTLR/F/33/07

Page 1 of 1

TEST REPORT

Name of Customer and Address:
The West Coast Paper Mills Ltd.,
PB. No. 5, Bangur Nagar, Dandeli,
Dist: Uttar Kannada -- 581 325.

Customer Reference:
 ZZO/C Lab-Nichrome/17/200
 Date: 21-01-2021

Sampling Location:
 Fire Station

Sample Description:
 PM₁₀, PM_{2.5} Filter Papers, SO₂, NO₂, Ammonia, Ozone,
 Charcoal Tube

ULR Code No: TC699021000000933P
Report Number: NTLR/FEB/933
Sample Number: FEB/21/933
Type of Sample: AIR - AMBIENT
Sample Collected by: Nichrome Testing Laboratory
 and Research Private Limited
Particulars of Sample Collected: Repairable Dust Sampler (APM 460 BL)
 Fine Particulate Sampler (APM 550 Mini)
 CO Analyzer.
Environmental Condition: 28° C
Date of Collection: 02/02/2021
Date of Sample receipt: 02/02/2021
Date of Analysis started: 03/02/2021
Date of Completion: 04/02/2021
Date of Report: 04/02/2021
Wind Direction: South East

RESULTS

PARAMETERS	SAMPLING METHOD	TEST METHOD	UNIT	DURATION OF MONITORING	RESULT	NAAQ STANDARDS
PM ₁₀	IS 5182 (Part 23) : 2017	IS 5182 (Part 23) : 2017	µg/m ³	8 Hrs	74.57	100
PM _{2.5}	IS 5182 (Part 24) : 2019	IS 5182 (Part 24) 2019	µg/m ³	8 Hrs	38.53	60
Sulphur di Oxide	IS 5182 (Part 2) : 2017	IS 5182 (Part 2) : 2017	µg/m ³	8 Hrs	4.80	80
Oxides of Nitrogen	IS 5182 (Part 6) : 2017	IS 5182 (Part 6) : 2017	µg/m ³	8 Hrs	9.77	80
Ammonia (NH ₃)	Methods of air sampling and analysis 3rd Edition (Part 2) 401: 1988	Methods of air sampling and analysis 3rd Edition (Part 2) 401: 1988	µg/m ³	1 Hr	BDL	400
Ozone (O ₃)	IS 5182 (Part 9): 1988	IS 5182 (Part 9): 1988	µg/m ³	1 Hr	BDL	180
Carbon Monoxide(CO)*	NTLR/SOP/101 Issue 1.0 Dated 10.07.2017	NTLR/SOP/101 Issue 1.0 Dated 10.07.2017	mg/m ³	1 Hr	1.29	4
Lead (Pb)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	µg/m ³	8 Hrs	BDL	1
Benzo(a) Pyrene (BaP)*	IS 5182 (Part 23) : 2017	IS 5182 (Part 12)	ng/m ³	8 Hrs	BDL	1
Arsenic (As)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	ng/m ³	8 Hrs	BDL	6
Nickel (Ni)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	ng/m ³	8 Hrs	BDL	20

BDL-Below Detectable Limit, BDL- (Ammonia - 5 µg/m³, Ozone-3 µg/m³, Lead-0.1 µg/m³, Benzo(a)Pyrene-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-7.0 ng/m³)

Inference as per NAAQ Standards

Above tested parameters are conforming to standards.

Note: The tests marked with an * are not accredited by NABL.

Authorized Signatory
 Channabasappa Maikar (Chemical)



-END OF REPORT:-

Note:

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. Subject to Dharwad Jurisdiction. 5. Sampling is not done by us unless otherwise specified. 6. Any discrepancy in the test report should be notified within 15 days. 7. For any Complaints kindly register in our Complaint Register maintained with Customer Service Coordinator.

ACCREDITATIONS / CERTIFICATIONS



MoEF & CC, New Delhi (F.NO.Q-15018/34/2015/CPW)
ISO/IEC 17026:2017 (NABL ACCREDITED)
ISO 9001:2015
OHSAS 18001 : 2007



CIN: U74800KA2012PTC088193

NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED

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DHARWAD, KARNATAKA, INDIA PIN : 580 008
PH : 0836 - 2771115, 2778521, 2770085
email : nicechem@gmail.com, website : nichromelabs.com

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Format No: NTLR/F/33/07

Page 1 of 1

TEST REPORT

Name of Customer and Address:

The West Coast Paper Mills Ltd.,
PB. No. 5, Bangur Nagar, Dandeli,
Dist: Uttar Kannada – 581 325.

Customer Reference:

770/C Lab-Nichrome/17/200
Date: 21-01-2021

Sampling Location:

Near Cooling Tower
(DG Set Back Side)

Sample Description:

PM₁₀, PM_{2.5} Filter Papers, SO₂, NO₂, Ammonia, Ozone,
Charcoal Tube

ULR Code No:

Report Number:

Sample Number:

Type of Sample:

Sample Collected by:

Particulars of Sample Collected:

Environmental Condition:

Date of Collection:

Date of Sample receipt:

Date of Analysis started:

Date of Completion:

Date of Report:

Wind Direction:

TC69902100000932P

NTLR/FEB/932

FEB/21/932

AIR – AMBIENT

Nichrome Testing Laboratory
and Research Private Limited

Repairable Dust Sampler (APM 460 BL)
Fine Particulate Sampler (APM 550 Mini)
CO Analyzer.

28° C

02/02/2021

02/02/2021

03/02/2021

04/02/2021

04/02/2021

South East

RESULTS

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Oxides of Nitrogen	IS 5182 (Part 6) : 2017	IS 5182 (Part 6) : 2017	µg/m ³	8 Hrs	9.83	80
Ammonia (NH ₃)	Methods of air sampling and analysis 3rd Edition (Part 2) 401: 1988	Methods of air sampling and analysis 3rd Edition (Part 2) 401: 1988	µg/m ³	1 Hr	BDL	400
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Lead (Pb)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	µg/m ³	8 Hrs	BDL	1
Benzo(a) Pyrene (BaP)*	IS 5182 (Part 23) : 2017	IS 5182 (Part 12)	ng/m ³	8 Hrs	BDL	1
Arsenic (As)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	ng/m ³	8 Hrs	BDL	6
Nickel (Ni)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	ng/m ³	8 Hrs	BDL	20

BDL-Below Detectable Limit, BDL- (Ammonia – 5 µg/m³, Ozone-3 µg/m³, Lead-0.1 µg/m³, Benzo(a)Pyrene-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-7.0 ng/m³)

Inference as per NAAQ Standards

Above tested parameters are conforming to standards.

Note: The tests marked with an * are not accredited by NABL.


Authorized Signatory
Channabasappa Maikar (Chemical)



--END OF REPORT--

Note:

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degraded or otherwise will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the Invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. Subject to Dharwad Jurisdiction. 5. Sampling is not done by us unless otherwise specified. 6. Any discrepancy in the test report should be notified within 15 days. 7. For any Complaints kindly register in our Complaint Register maintained with Customer service Coordinator.

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ISO/IEC 17025:2017 (NABL ACCREDITED)
ISO 9001:2015
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CIN: UT4900KA2013PTC009193

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TESTING / CONSULTING / ENGINEERING / TRAINING

Format No: NTLR/F/33/07

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TEST REPORT

Name of Customer and Address:
The West Coast Paper Mills Ltd.,
PB. No. 5, Bangur Nagar, Dandeli,
Dist: Uttar Kannada – 581 325.

Customer Reference:
ZZO/C Lab-Nichrome/17/200
Date: 21-01-2021

Sampling Location:
Old ETP

Sample Description:
PM₁₀, PM_{2.5} Filter Papers, SO₂, NO₂, Ammonia, Ozone,
Charcoal Tube

ULR Code No: TC69902100000935P
Report Number: NTLR/FEB/935
Sample Number: FEB/21/935
Type of Sample: AIR – AMBIENT
Sample Collected by: Nichrome Testing Laboratory and Research Private Limited
Particulars of Sample Collected: Repairable Dust Sampler (APM 460 BL)
Fine Particulate Sampler (APM 550 Mini)
CO Analyzer.
Environmental Condition: 28° C
Date of Collection: 02/02/2021
Date of Sample receipt: 02/02/2021
Date of Analysis started: 03/02/2021
Date of Completion: 04/02/2021
Date of Report: 04/02/2021
Wind Direction: South East

RESULTS

PARAMETERS	SAMPLING METHOD	TEST METHOD	UNIT	DURATION OF MONITORING	RESULT	NAAQ STANDARDS
PM ₁₀	IS 5182 (Part 23) : 2017	IS 5182 (Part 23) : 2017	µg/m ³	8 Hrs	81.02	100
PM _{2.5}	IS 5182 (Part 24) : 2019	IS 5182 (Part 24) 2019	µg/m ³	8 Hrs	42.39	60
Sulphur di Oxide	IS 5182 (Part 2) : 2017	IS 5182 (Part 2) : 2017	µg/m ³	8 Hrs	5.04	80
Oxides of Nitrogen	IS 5182 (Part 6) : 2017	IS 5182 (Part 6) : 2017	µg/m ³	8 Hrs	10.08	80
Ammonia (NH ₃)	Methods of air sampling and analysis 3rd Edition (Part 2) 401: 1988	Methods of air sampling and analysis 3rd Edition (Part 2) 401: 1988	µg/m ³	1 Hr	BDL	400
Ozone (O ₃)	IS 5182 (Part 9): 1988	IS 5182 (Part 9): 1988	µg/m ³	1 Hr	BDL	180
Carbon Monoxide(CO)*	NTLR/SOP/101 Issue 1.0 Dated 10.07.2017	NTLR/SOP/101 Issue 1.0 Dated 10.07.2017	mg/m ³	1 Hr	1.19	4
Lead (Pb)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	µg/m ³	8 Hrs	BDL	1
Benzo(a) Pyrene (BaP)*	IS 5182 (Part 23) : 2017	IS 5182 (Part 12)	ng/m ³	8 Hrs	BDL	1
Arsenic (As)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	ng/m ³	8 Hrs	BDL	6
Nickel (Ni)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	ng/m ³	8 Hrs	BDL	20

BDL-Below Detectable Limit, BDL- (Ammonia – 5 µg/m³, Ozone-3 µg/m³, Lead-0.1 µg/m³, Benzo(a)Pyrene-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-7.0 ng/m³)

Inference as per NAAQ Standards

Above tested parameters are conforming to standards.

Note: The tests marked with an * are not accredited by NABL.

Authorized Signatory
Channabasappa Maikar (Chemical)



-END OF REPORT-

Note:

1. The results listed above pertain only to the tested samples and applicable parameters, 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified, 3. Total liability of our laboratory is limited to the invoiced amount, 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission, Subject to Dharwad Jurisdiction, 5. Sampling is not done by us unless otherwise specified, 6. Any discrepancy in the test report should be notified within 15 days, 7. For any Complaints kindly register in our Complaint Register maintained with Customer Service Coordinator.

CERTIFICATIONS



TC 4088
Valid upto 23.02.2022

MoEF & CC, New Delhi (F.NO.Q. -15019 / 34 / 2015 / CPW)
ISO/IEC 17025:2017 (NABL ACCREDITED)
ISO 9001:2015
OHSAS 18001 : 2007



CIN: U74500KA2013FTC069193

NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED

Regd Add : 170, JUDGES BUNGALOW ROAD, NARAYANPUR,
DHARWAD, KARNATAKA, INDIA PIN : 580 008
PH : 0836 - 2771115, 2778521, 2770085
email : nicechem@gmail.com, website : nichromelabs.com

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Page 1 of 1

TEST REPORT

Name of Customer and Address:
The West Coast Paper Mills Ltd.,
PB. No. 5, Bangur Nagar, Dandeli,
Dist: Uttar Kannada – 581 325.

Customer Reference:
ZZO/C Lab-Nichrome/17/200
te: 21-01-2021

Sampling Location:
Halmaddi Near SPD Area

Sample Description:
PM₁₀, PM_{2.5} Filter Papers, SO₂, NO₂, Ammonia, Ozone,
Charcoal Tube

ULR Code No: TC69902100000934P
Report Number: NTLR/FEB/934
Sample Number: FEB/21/934
Type of Sample: AIR – AMBIENT
Sample Collected by: Nichrome Testing Laboratory and Research Private Limited
Particulars of Sample Collected: Repairable Dust Sampler (APM 460 BL) Fine Particulate Sampler (APM 550 Mini) CO Analyzer.
Environmental Condition: 28° C
Date of Collection: 02/02/2021
Date of Sample receipt: 02/02/2021
Date of Analysis started: 03/02/2021
Date of Completion: 04/02/2021
Date of Report: 04/02/2021
Wind Direction: South East

RESULTS

PARAMETERS	SAMPLING METHOD	TEST METHOD	UNIT	DURATION OF MONITORING	RESULT	NAAQ STANDARDS
PM ₁₀	IS 5182 (Part 23) : 2017	IS 5182 (Part 23) : 2017	µg/m ³	8 Hrs	70.76	100
PM _{2.5}	IS 5182 (Part 24) : 2019	IS 5182 (Part 24) 2019	µg/m ³	8 Hrs	36.29	60
Sulphur di Oxide	IS 5182 (Part 2) : 2017	IS 5182 (Part 2) : 2017	µg/m ³	8 Hrs	4.65	80
Oxides of Nitrogen	IS 5182 (Part 6) : 2017	IS 5182 (Part 6) : 2017	µg/m ³	8 Hrs	9.69	80
Ammonia (NH ₃)	Methods of air sampling and analysis 3rd Edition (Part 2) 401: 1988	Methods of air sampling and analysis 3rd Edition (Part 2) 401: 1988	µg/m ³	1 Hr	BDL	400
Ozone (O ₃)	IS 5182 (Part 9): 1988	IS 5182 (Part 9): 1988	µg/m ³	1 Hr	BDL	180
Carbon Monoxide(CO)*	NTLR/SOP/101 Issue 1.0 Dated 10.07.2017	NTLR/SOP/101 Issue 1.0 Dated 10.07.2017	mg/m ³	1 Hr	1.21	4
Lead (Pb)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	µg/m ³	8 Hrs	BDL	1
Benzo(a) Pyrene (BaP)*	IS 5182 (Part 23) : 2017	IS 5182 (Part 12)	ng/m ³	8 Hrs	BDL	1
Arsenic (As)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	ng/m ³	8 Hrs	BDL	6
Nickel (Ni)*	IS 5182 (Part 23) : 2017	CPCB MANUAL	ng/m ³	8 Hrs	BDL	20

BDL-Below Detectable Limit, BDL- (Ammonia – 5 µg/m³, Ozone-3 µg/m³, Lead-0.1 µg/m³, Benzo(a)Pyrene-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-7.0 ng/m³)

Inference as per NAAQ Standards

Above tested parameters are conforming to standards.

Note: The tests marked with an * are not accredited by NABL.

Authorized Signatory
ChannabasappaMaikar (Chemical)



--END OF REPORT--

Note:

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the Invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. Subject to Dharwad Jurisdiction. 5. Sampling is not done by us unless otherwise specified. 6. Any discrepancy in the test report should be notified within 15 days. 7. For any Complaints kindly register in our Complaint Register maintained with Customer service Coordinator.



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986

(Certified by ISO 14001:2015, ISO 22000:2018, ISO 45001:2018, ISO 9001:2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S.No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)

Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392 265169,

E-mail : msv.lab01@gmail.com, labmsv@gmail.com, Website : www.msvlabellary.com

MSVAL/A/F/14/03

ANALYSIS REPORT OF WATER QUALITY

Test Report No:MSVAL/2021/0944

Issue Date: 06.02.2021

1. Name of the Project : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Sample Type : Treated Trade Effluent
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of Sample Collected : Grab Sample
5. Sample description/condition : Good/Satisfactory
6. Date of sample Receipt : 02.02.2021
7. Analysis Starting date : 03.02.2021
8. Analysis Completion Date : 06.02.2021
9. Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT
1	AO _x	LAB SOP	Mg/l	0.026
Effluent flow m ³ /d = 45523 Production MT = 732 AO _x Kg/Ton = 0.42				

Verified by

Rajan

Authorized Signature

Arun Kumar



- Note :
1. The results listed only to the tested samples & applicable parameters.
 2. Water samples will destroyed after 10days. Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue
 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing
 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction only.
 5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an are not accredited by NABL.



WEST COAST PAPER MILLS LIMITED

INTEGRATED MANAGEMENT SYSTEM POLICY

(QEHS)



We, at WCPM Ltd., Dandeli Karnataka are committed to maintain and continually improve Quality, Environmental, Occupational Health and Safety Management Systems to fulfill Customer, environmental and occupational health and safety requirements.

For achieving these, we will:

- ❖ Manufacture and deliver quality products consistently as per our customer requirements.
- ❖ Comply with legal and other applicable requirements.
- ❖ Provide resources and technology for prevention of pollution and recycle critical resources like water, solid waste and upgrade all plants with state of the art technologies and operating practice to minimize generation of pollution at source.
- ❖ Continually improve QEHS performance by setting objectives and targets providing safe and healthy working environment.
- ❖ Promote awareness of quality, environmental, health and safety issues through sustainable leadership.
- ❖ Maintain healthy relations with customers, suppliers, employees and all interested parties.
- ❖ Focus on norms/conditions of Environment, forest and wild life protection
- ❖ Train and continually Improve employees, contractors for their upgradation, competence, environmental and health & safety awareness.
- ❖ Consider life cycle assessment/ end of life of products & services.
- ❖ Maintain sustainability requirement regarding Social, Economical and Environmental.

Our QEHS Policy will be made available to all our Employees, Contractors, Customers, Interested Parties and Public on request.

Rajendra Jain
EXECUTIVE DIRECTOR

DATE: 01.05.2021