



क्षेत्रीय कार्यालय
उ०प्र० प्रदूषण नियंत्रण बोर्ड
1-ए/आई.एन.एस.-1, आवास विकास कालोनी, बौद्ध विहार,
दिल्ली रोड, मुरादाबाद

पत्र संख्या ...125/टी-22/मुरादाबाद

दिनांक 09.02.2022

Through E-Filing (E-mail: judicial-ngt@gov.in)

To,

The Registrar General,
Principal Bench,
Hon'ble National Green Tribunal,
Copernicus Marg, New Delhi

**Sub: Regarding Status Report in Compliance of order dated 08.11.2021 in O.A. No. 279/2021
Nagendra Singh Vs State of U.P.**

Sir,

In compliance of the direction passed by Hon'ble National Green Tribunal dated 08-11-2021 on matter mentioned above, the Joint Inspection report alongwith notice issued (ATR) to concerned unit is hereby attached with a request to put up before Hon'ble National Green Tribunal for kind perusal.

Your Sincerely

Enclosure: As Above.

(Vikas Mishra)
Regional Officer

Copy To:

1. District Magistrate, Moradabad.
2. Shri Pradeep Mishra, Advocate for U.P. Pollution Control Board
3. CEO-7, U.P. Pollution Control Board, Lucknow
4. Chief Law Officer, U.P. Pollution Control Board, Lucknow
5. Sub Divisional Magistrate, Teshil-Thakurdwara, Moradabad

Regional Officer

Joint Inspection Report

(28-12-2021)

Of

M/s Triveni Engineering & Industries Ltd. Village Rani Nangal,

Tehsil Thakurdwara, District Moradabad

In the matter of O.A. No. 279/2021

Nagendra singh

V/S

State of Uttar Pradesh

Joint Inspection Report of M/s Triveni Engineering & Industries Ltd. Village Rani Nangal, Tehsil Thakurdwara, and District Moradabad in compliance of direction issued by Hon'ble NGT in matter of O.A. No. 279/2021 Nagendra singh V/S State of Uttar Pradesh. Reg.

Hon'ble NGT, New Delhi vide order dated 08-11-2021 in the matter of O.A. No. 279/2021 Nagendra singh V/S State of Uttar Pradesh had directed following –

..... Let the U.P. State PCB and District magistrate, Moradabad look into the grievance and take remedial action, following due process of law. An action taken report may be filed within two months by e-mail at judicial-NGT@gov.in preferable in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF.....

In compliance to the aforesaid direction, a joint team comprising official from Regional Office, UPPCB, Moradabad and Sub Divisional Magistrate, Tehsil Thakurdwara, Moradabad was constituted by District Magistrate, Moradabad vide letter no. 1759/N-13/279/2021/General dated 04-12-2021 regarding to look into grievance and take remedial action. Copy is annexed as **Annex - 1**.

The joint Inspection of the unit was carried out on dated 28-12-2021. Detailed report is as follows.

- 1- M/S Triveni Engineering & Industries Ltd. located at Village Rani Nangal, Tehsil Thakurdwara and District Moradabad was established in the year 2007.
- 2- The unit is a sugar mill having installed capacity of 5000 TCD. The crushing for the year 2021-22 was started on dated 08-11-2021.
- 3- The unit has two boilers of 80 TPH and 12 TPH followed by Electro Static Precipitator (ESP) with 60M stack as Air Pollution Control System. A Wet Scrubber is also separately installed at 12 TPH boiler in addition to common ESP. APCS were found operational. Bagasse is used as fuel for the boilers. Ash from boiler and ESP is collected and sent to filling yard within unit's premises.
- 4- The unit has three D.G. sets of 500 KVA x 2 & 180 KVA x 1Nos. With acoustic enclosure & proper stack height.
- 5- The unit has installed Online Continuous Emission Monitoring System (OCEMS) for monitoring of air quality. This system is linked to server of UPPCB and CPCB.
- 6- Stack monitoring was carried out by Regional Laboratory, UPPCB, Moradabad on dated 24-12-2021. As per stack monitoring report parameter of emission is complying as per the prescribed Emission Standard. Copy of stack monitoring report is annexed as **Annex - 2**.
- 7- In regard to complaint of residents of village Udairawala received in this office on dated 07-04-2021, a notice was issued to Unit vide this office letter no. 509/T-22/Moradabad dated 12-04-2021. In compliance to the notice, the

Unit has submitted reply vide its letter no. Triveni/RNG/325/11-05-2021 dated 11-05-2021 & 05-01-2022, stating that Air Pollution Control device is working efficiently and the bagasse handling system is also working efficiently. Copy of reply is annexed as **Annex. 3**.

- 8- During visit it was also observed that the unit has further strengthened the bagasse handling and transportations system. Covering of bagasse yard with vertical Tin sheets, covering of bagasse loading chutes, covering of all the transfer points of bagasse carriers has been adopted.
- 9- The team interacted with the residents of nearby village Udairawala about complaint regarding fly ash/bagasse particles. During visit no adverse impact was virtually observed.

Recommendations:

- 1- The Unit should ensure the operation of Air Pollution Control System (APCS) in such manner that the air emission confirms with the standard prescribed under EP Act 1986 as amended.
- 2- The Unit should ensure the Continuous and uninterrupted data supply from the OCEMS to the CPCB and SPCB.
- 3- Fly ash shall be stored as per CPCB guidelines, so that it should not adversely affect the air quality.

: Photo gallery:

Photographs taken during inspection of M/s Triveni Engineering & Industries Ltd. Village Rani Nangal, Teshil Thakurdwara, District Moradabad, on dated 28-12-2021.



Photo 1: Entrance of the Industry



Photo 2: Inspection Team with Officials of the Unit.



Photo 3: Stack with APCs

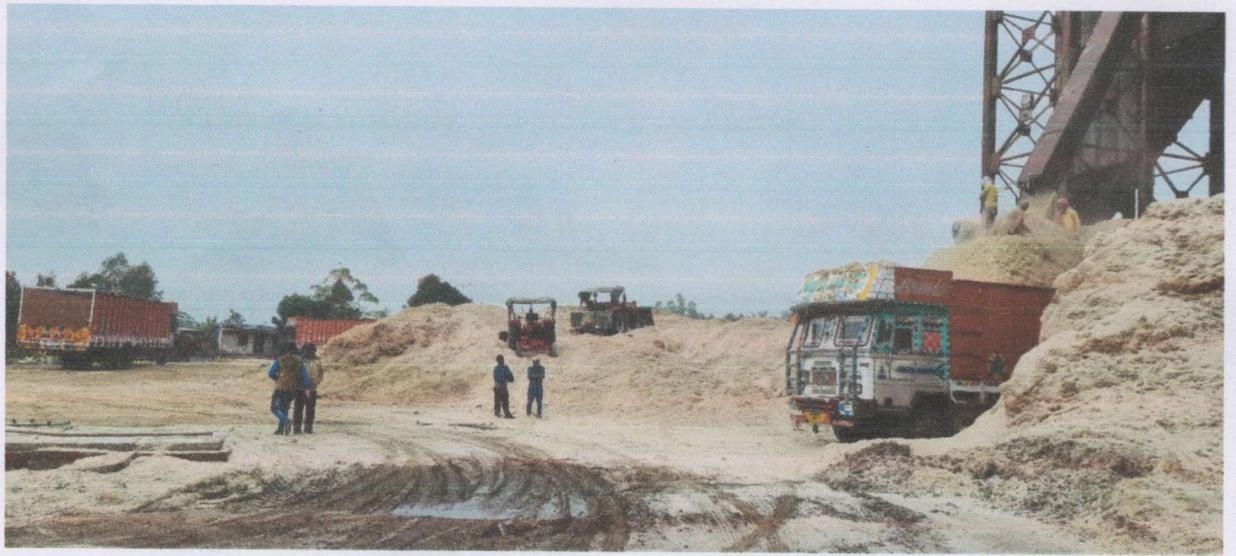


Photo 4: Bagasse Yard

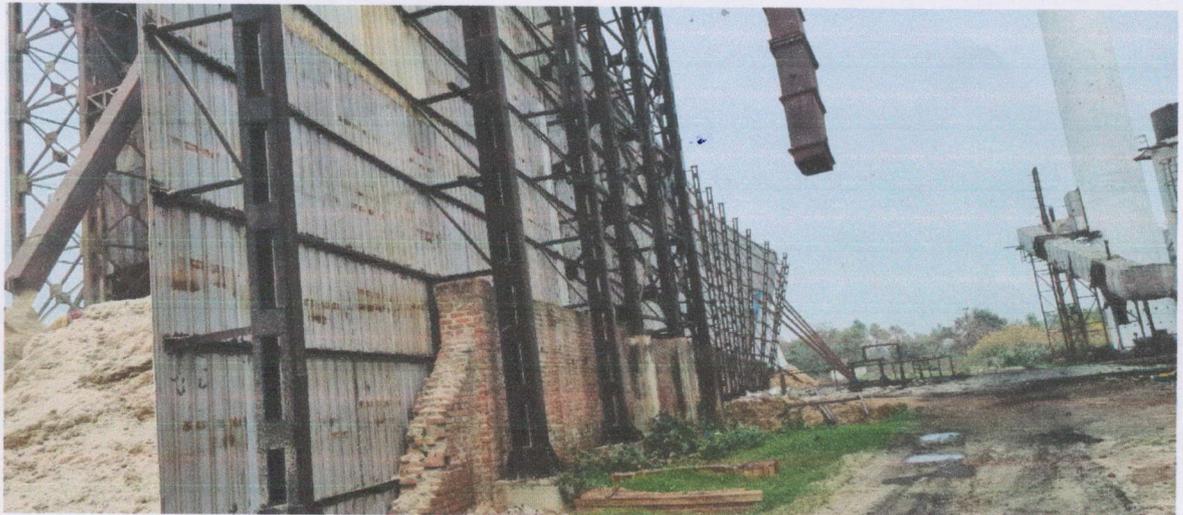
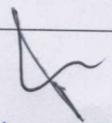
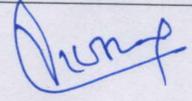


Photo 5: Wind Breaking Wall at Bagasse Yard



Photo 6: Agricultural Field near village Udairawala

Inspection team:

Sr. No.	Name of Inspecting Officers	Designation	Signature
1	Parmanand Singh	S.D.M., Tehsil Thakurdwara, Moradabad.	
2	Vinod Kumar	AEE, R.O., U.P. Pollution Control Board, Moradabad.	

कार्यालय जिलाधिकारी

Annexure-I

मुरादाबाद

पत्रांक : 1759/N-13/279/2021/जरा

दिनांक : 4/12/21

1. उपजिलाधिकारी,
तहसील ठाकुरद्वारा, मुरादाबाद।
2. क्षेत्रीय अधिकारी, उ0प्र0प्रदूषण नियंत्रण बोर्ड,
मुरादाबाद।

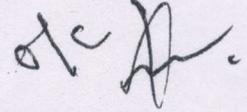
विषय: माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा ओ.ए. संख्या 279/2021 नागेन्द्र सिंह बनाम स्टेट ऑफ यू.पी. में पारित आदेश दिनांक 08.11.2021 के अनुपालन के संबंध में -

उपरोक्त विषयक माननीय राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा ओ.ए. संख्या 279/2021 नागेन्द्र सिंह बनाम स्टेट ऑफ यू.पी. में पारित आदेश दिनांक 08.11.2021 (छायाप्रति संलग्न) का सन्दर्भ ग्रहण करने का कष्ट करें। अवगत हों कि माननीय अधिकरण द्वारा औद्योगिक इकाई मैसर्स त्रिवेणी इन्जीनियरिंग एण्ड इन्डस्ट्रीज लिमिटेड, रानीनांगल, जनपद मुरादाबाद (उ0प्र0) द्वारा फ्लाई ऐश एवं बैगास से उत्पन्न वायु प्रदूषण के विरुद्ध प्रेषित शिकायती पत्र के सम्बन्ध में नियमानुसार कार्यवाही करते हुए कृत कार्यवाही की अनुपालन आख्या प्रेषित किये जाने के आदेश पारित किये गये हैं। उक्त के अनुपालन में कार्यवाही किये जाने हेतु उपरोक्तानुसार समिति गठित की जाती है।

अतः समिति को निर्देशित किया जाता है कि उपरोक्त के सम्बन्ध में 02 सप्ताह में कार्यवाही कर कृत कार्यवाही की अनुपालन आख्या प्रेषित करें जिससे कि माननीय अधिकरण के आदेशों का अनुपालन सुनिश्चित हो सके। क्षेत्रीय अधिकारी, उ0प्र0 प्रदूषण नियंत्रण बोर्ड, मुरादाबाद नोडल एजेन्सी होंगे।

संलग्न: यथोपरि।

(शैलेन्द्र कुमार सिंह)
जिलाधिकारी





REGIONAL LABORATORY OFFICE MORADABAD
UTTAR PRADESH POLLUTION CONTROL BOARD
1-A/I.N.S.-1, Avas Vikas Colony, Buddha Vihar, Delhi Road, Moradabad

Annexure

Stack Emission Test Report

Ref No.14483724/Moradabad/2022

Date: 04/01/2022

- 1- Name & Address of Industry: Triveni Engineering & Industries Limited
- 2- Sample Collected By: Rajendra Lal ,JLA Vinay kumar JRF
- 3- Date of Monitoring: 24/12/2021
- 4- Source of Sampling: Stack
- 5- Stack attached to: BOILER
- 6- Stack Height: 32.0 m
- 7- Total No. of Boiler: 01
- 8- Capacity of Boiler: 80.0TPH
- 9- Fuel used: Baggase
- 10- Quantity of Fuel used: 36.6 TPH
- 11- Flue Gas Velocity: 9.54
- 12- APCS if any: ESP
- 13- Other remarks (if any): -
- 14- Further details of sample location nad Test methods followed are appened overleaf:

Sr no.	Parameter	Unit	Result	Standards
1	SPM	mg/Nm ³	104.87	150.0

Analysed by-

[Alok Sharma JRF]

Authorised Signatory-

ANIL KUMAR
VISHWAKARMA

Anil Vishwkarma SA

Digitally signed
by VIKAS MISHRA
Date: 2022.01.04
11:27:09 +05'30'

VIKAS MISHRA
Regional Officer



क्षेत्रीय कार्यालय
उ०प्र० प्रदूषण नियंत्रण बोर्ड
1-ए/आई.एन.एस.-1, आवास विकास कालोनी, बौद्ध विहार,
दिल्ली रोड, मुरादाबाद

Annexure-3

पत्र संख्या 509 / T-22 / मुरादाबाद

दिनांक..... 12-4-21

सेवा में,

मैसर्स त्रिवेणी शुगर्स मिल्स प्रा०लि०,
रानी नंगला, तहसील ठाकुरद्वारा,
मुरादाबाद।

विषय : उद्योग मैसर्स त्रिवेणी शुगर्स मिल्स प्रा०लि०, रानी नंगला, तहसील ठाकुरद्वारा, मुरादाबाद के विरुद्ध निवासीगण ग्राम उदैरावाला, पोस्ट रत्तूपुरा, तहसील ठाकुरद्वारा, जनपद मुरादाबाद द्वारा प्रेषित शिकायत के संबंध में।

महोदय,

उपरोक्त विषयक उद्योग मैसर्स त्रिवेणी शुगर्स मिल्स प्रा०लि०, रानी नंगला, तहसील ठाकुरद्वारा, मुरादाबाद विरुद्ध निवासीगण, ग्राम उदैरावाला, पोस्ट रत्तूपुरा, तहसील ठाकुरद्वारा, जनपद मुरादाबाद द्वारा प्रेषित शिकायत, जो प्रभारी अधिकारी, राष्ट्रीय हरित प्राधिकरण, नई दिल्ली को सम्बोधित एवं इस कार्यालय में दिनांक 07.04.2021 को प्राप्त है, का सन्दर्भ ग्रहण करने का कष्ट करें। शिकायतकर्ता द्वारा आपके उद्योग से जनित राख एवं बैगास से होने वाली समस्या की शिकायत की गयी है। उक्त शिकायत से प्रतीत होता है कि उद्योग में स्थापित वायु प्रदूषण नियंत्रण व्यवस्था का संचालन एवं बैगास का रख-रखाव उचित प्रकार से नहीं किया जा रहा है, जिससे वायु प्रदूषण की समस्या होना स्वाभाविक है।

अतः आपको निर्देशित किया जाता है कि शिकायती पत्र में उल्लिखित समस्याओं का निराकरण कराते हुए कृत कार्यवाही से कार्यालय को अवगत करायें, अन्यथा की स्थिति में वायु (प्रदूषण निवारण एवं नियंत्रण) अधिनियम 1981 के आज्ञापक प्राविधानों के अन्तर्गत की गयी किसी भी कार्यवाही का सम्पूर्ण उत्तरदायित्व उद्योग एवं उद्योग के पदाधिकारियों का स्वयं का होगा।

भवदीय

(विकास मिश्र)
क्षेत्रीय अधिकारी

प्रतिलिपि : जिलाधिकारी महोदय, मुरादाबाद को सादर सूचनार्थ प्रेषित।

क्षेत्रीय अधिकारी

EU 41957736014

05.4.21

सेवा में,

प्रभारी अधिकारी राष्ट्रीय हरित प्राधिकरण
नई दिल्ली।

महोदय,

39

P-7/54

7/4/21

सादर अवगत कराना है कि हम ग्राम उदैरावाला, पोस्ट रतूपुरा, तहसील ठाकुरद्वारा जिला मुरादाबाद उत्तर प्रदेश के निवासी हैं। हमारे ग्राम उदैरावाला के सामने त्रिवेणी रानीनांगल शुगर मिल स्थित है। शुगर मिल से काफी मात्रा में राख एवं वकास उड़कर गांव की तरफ आती है, जिससे घरों में राख एवं वकास घुस जाती है। घरों की छतों पर कपड़े सुखाने में एवं व्यक्तियों को घरों से बाहर बैठने में भी कठिनाइयों का सामना करना पड़ता है। राख और वकास आंखों में घुसती है, जिससे सामान्य जन-जीवन अस्त-व्यस्त हो रहा है एवं भविष्य में तरह-तरह की भयंकर बीमारियों से ग्रसित होने की अधिक संभावना है।

4/15/21
ह-4-2

उक्त तथ्य से स्पष्ट हो रहा है कि त्रिवेणी रानीनांगल शुगर मिल में राख एवं वकास का प्रयोग नहीं किया गया है, जिससे राख एवं वकास गांव में उड़कर आती है।

शुभोपदेश

अतः महोदय से विनम्र अनुरोध है कि ग्राम उदैरावाला की उक्त समस्याओं को दृष्टिगत रखते हुए त्रिवेणी शुगर मिल रानीनांगल में उपयुक्त प्रबंध कराने हेतु संबंधित को निर्देशित करने की कृपा करें।

दिनांक 03/04/2021

प्रतिलिपि

प्राथीगण-निवासीगण उदैरावाला
पोस्ट-रतूपुरा, तहसील-ठाकुरद्वारा
जिला- मुरादाबाद, उत्तर प्रदेश
पिन कोड 244601।

- 01- जिला मजिस्ट्रेट महोदय जनपद मुरादाबाद को सादर सूचनार्थ।
- 02- जिला प्रदूषण अधिकारी जनपद मुरादाबाद को सादर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

ACB-2

(Signature)

- | | | | | | | | | | | | | | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1. सुनील सिंह | 2. सुनील सिंह | 3. सुनील सिंह | 4. सुनील सिंह | 5. सुनील सिंह | 6. सुनील सिंह | 7. सुनील सिंह | 8. सुनील सिंह | 9. सुनील सिंह | 10. सुनील सिंह | 11. सुनील सिंह | 12. सुनील सिंह | 13. सुनील सिंह | 14. सुनील सिंह | 15. सुनील सिंह | 16. सुनील सिंह | 17. सुनील सिंह | 18. सुनील सिंह | 19. सुनील सिंह |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|

Triveni ENGINEERING & INDUSTRIES LTD.

Sugar Unit- Rani Nangal

Village - Rani Nangal, P. O. - Aliabad-Pipli-244401
Tehsil - Thakurdwara, Distt. - Moradabad (U.P.)
Ph. : 0591-3011316, 3011323, 3011328, Fax : (0591) 3011307

Ref. No.- Triveni/RNG/325/11.05.2021

डाकरी नं०.....

सौरियल नं०.....

फाइल नं०.....

दिनांक.....

Date: 11.05.2021

To,
The Regional Officer,
UPPCB, Moradabad

Subject: Reply to the Letter No- 509/T-22/Moradabad dated 12.04.2021

Dear Sir,

This is in reference to the above. The said letter has been served upon us through email dated 13.04.2021. Vide the said letter, we have been informed about a Complaint by a resident of village Uderawala, Post Ratupura, Tehsil Thakurdwara, District Moradabad, which has been addressed to the Officer In charge, NGT, New Delhi, a copy of which has also been served upon your good self on 07.04.2021.

Vide the letter under reference, we have been informed that the Complaint in question has been made with respect to handling of ash and Bagasse and the problems related thereto. Taking note of the Complaint, it has been alleged that the Air Pollution Control system in the Unit is not working properly and further that the storage facility of Bagasse is also not being managed properly.

At the outset, it is submitted that we are fully compliant and the Air Pollution Control device, ESP, is working efficiently without any problem whatsoever. We are regularly getting the samples analyzed and verified from a third-party agency as well i.e., "Newcon Consultants & Laboratories" which prove beyond doubt that our Air Pollution Control device is working efficiently and within the prescribed norms of UPPCB. For the ease of reference, the report related to the Stake emission samples and ambient air samples of each month are annexed herewith as Annexure-I for your information and record. Please note that the bagasse handling system is also working efficiently as per the prescribed industrial norms.

It may be noted that present letter under reference has been issued to us on the basis of a complaint received by your good offices on 07.04.2021, a copy of which has not been

A&E-2

provided to us till date. Accordingly, you are requested to provide a copy of the Complaint in question along with supporting documents, if any. Please note that it is a material document and post receipt of the same, we will be in a better position to address the various issues raised in the complaint on merits and to your satisfaction.

For Triveni Engineering & Industries Ltd,

V. Venkatasathya
Authorized Signatory





Newcon Consultants & Laboratories

An ISO 9001 : 2015, ISO 14001 : 2015, OHSAS 18001 : 2007 Certified Laboratory
NABL ISO/IEC 17025 : 2017 (Testing, Cert. No. TC-5526) Accredited Laboratory,

Website : www.newconlab.in



TEST CERTIFICATE

STACK EMISSION MONITORING AND ANALYSIS REPORT

Page 1 Of 1

TEST REPORT NO : NCL/TIKM/6421/001/01/12/2020

DATE OF REPORT : 04/12/2020

Name And Address Of Customer

TRIVENI ENGINEERING & INDUSTRIES LTD.

(UNIT RANI NANGAL SUGAR MILL) TEHSIL-
THAKHURDWARA, POST-ALLIABAD, PIPLI, MORADABAD, U.P.

SAMPLING DETAIL

Analysis Start Date	1/12/2020	Analysis End Date	4/12/2020
Date Of Sampling	30/11/2020	Sampling Done By	NCL
Sampling Protocol	AS PER CPCB GUIDELINES	Duration Of Sampling	30 Minutes
Equipment Used	Handy Stack Sampler (Evirontech APM 620-602), , ,		

DETAILS OF STACK

Stack Attached To	Boiler	Stack Dia At The Top	3400 mm
Capacity	80 TPH	Material Of Construction	RCC
Type Of Fuel Used	BAGASSE	Normal Operation Schedule	24 HRS
Quantity Of Fuel Used	35Ton/Hr		
Stack Height Above The Ground level	60 Mtr		
Attached APCS	ESP		

PHYSICAL OBSERVATIONS

Ambient Temperature	27°C	Flue Gas Temperature	165°C
Velocity Of Flue Gases	7.5 Mtr/Sec	Sampling Flow Rate For SPM	21.0 LPM
Sampling Flow Rate For Gases	2.4 LPM	Quantity Of Emission Discharged	245014.2m ³ /hr

TEST RESULT

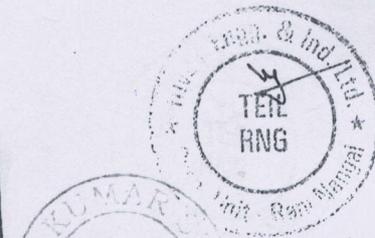
S.No.	Parameter	Unit	Protocol	Result	Specification/ Limit (As CPCB)
1	Particulate Matters (PM)	mg/Nm ³	IS:11255 (P-1)	116	150
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS:11255 (P-2)	26.0	Not Specified
3	Carbon Monoxide (CO)	% by Vol	IS:13270	0.36	1% By Volume
4	Oxides of Nitrogen	mg/Nm ³	IS:11255 (P-7)	42.0	Not Specified

**** End Of Report****

FOR NEWCON CONSULTANTS & LABORATORIES

INTEKHAB KHAN
M.Sc (Env Science)
CHECKED BY

PREPARED BY



AUTHORIZED SIGNATORY

NOTE : 1. The Results reported above pertains to the Tested parameters only. Endorsement of the same is neither inferred nor implied. 2. All disputes shall be referred to the Arbitrator. 3. Our liability is limited to invoiced value.



Newcon Consultants & Laboratories

An ISO 9001 : 2015, ISO 14001 : 2015, OHSAS 18001 : 2007 Certified Laboratory
NABL ISO/IEC 17025 : 2017 (Testing, Cert. No. TC-5526) Accredited Laboratory,

Website : www.newconlab.in



TEST CERTIFICATE

STACK EMISSION MONITORING AND ANALYSIS REPORT

TEST REPORT NO : NCL/TIKM/6635/0012/01/01-2021

DATE OF REPORT : 06-Jan-2021

Page 1

Name And Address Of Customer

TRIVENI ENGINEERING & INDUSTRIES LTD.

(UNIT RANI NANGAL SUGAR MILL) TEHSIL- THAKHURDWARA, POST-ALLA
, MORADABAD, U.P, INDIA

		SAMPLING DETAIL	
Analysis Start Date	1/01/2021	Analysis End Date	6/01/2021
Date Of Sampling	29/12/2020	Sampling Done By	NCL
Sampling Protocol	AS PER CPCB GUIDELINES	Duration Of Sampling	30 Minutes
Equipment Used	Handy Stack Sampler (Evirontech APM 620-602), . .		

		DETAILS OF STACK	
Stack Attached To	Boiler	Stack Dia At The Top	3400 mm
Capacity	80 TPH	Material Of Construction	RCC
Type Of Fuel Used	BAGASSE	Normal Operation Schedule	24 HRS
Quantity Of Fuel Used	35Ton/Hr		
Stack Height Above The Ground level	60 Mtr		
Attached APCS	ESP		

		PHYSICAL OBSERVATIONS	
Ambient Temperature	21°C	Flue Gas Temperature	156°C
Velocity Of Flue Gases	7.1 Mtr/Sec	Sampling Flow Rate For SPM	20.0 LPM
Sampling Flow Rate For Gases	2.4 LPM	Quantity Of Emission Discharged	231946.776m ³ /hr

		TEST RESULT			
S.No.	Parameter	Unit	Protocol	Result	Specification/ Lim (CPCB)
1	Particulate Matters (PM)	mg/Nm ³	IS:11255 (P-1)	126	150
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS:11255 (P-2)	29.0	Not Specified
3	Carbon Monoxide (CO)	% by Vol	IS:13270	0.42	1% By Volume
4	Oxides of Nitrogen	mg/Nm ³	IS:11255 (P-7)	52.0	Not Specified

**** End Of Report

FOR NEWCON CONSULTANTS & LABORATORIES

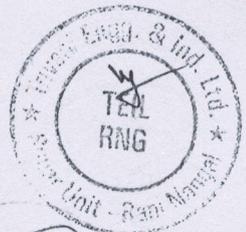
INTEKHAB KHAN
M.Sc (Env. Science)

CHECKED BY

NOTE : 1. The Results reported above pertains to the Tested parameters only. Endorsement of the same is neither informed nor intended. 2. This Report shall not be reproduced without the written permission of the Issuing Authority. 3. The Report shall not be reproduced without the written permission of the Issuing Authority.

PREPARED BY

AUTHORIZED SIGNATORY



[Signature]



Newcon Consultants & Laboratories

As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory
NABL ISO/IEC 17025 : 2017 (Testing, Cert. No. TC-5526) Accredited Laboratory

Website: www.newconlab.in

TEST CERTIFICATE



STACK EMISSION MONITORING AND ANALYSIS REPORT

Page 1 Of

TEST REPORT NO : NCL/TIKM/6862/0006/29/01-2021

DATE OF REPORT : 03-02-2021

Name And Address Of Customer

TRIVENI ENGINEERING & INDUSTRIES LTD.

(UNIT RANI NANGAL SUGAR MILL) TEHSIL- THAKHURDWARA, POST-ALLIABAD, P.
MORADABAD, U.P, INDIA

SAMPLING DETAIL

Analysis Start Date	29/01/2021	Analysis End Date	3/02/2021
Date Of Sampling	27/01/2021	Sampligg Done By	NCL
Sampling Protocol	AS PER CPCB GUIDELINES	Duration Of Sampling	30 Minutes
Equipment Used	Handy Stack Sampler (Evriontech APM 620-602)		

DETAILS OF STACK

Stack Attached To	Boiler	Stack Dia At The Top	3400 mm
Capacity	80 TPH	Material Of Construction	RCC
Type Of Fuel Used	BAGASSE	Normal Operation Schedule	24 HRS
Quantity Of Fuel Used	35Ton/Hr		
Stack Height Above The Ground level	60 Mtr		
Attached APCS	ESP		

PHYSICAL OBSERVATIONS

Ambient Temperature	21°C	Flue Gas Temperature	147°C
Velocity Of Flue Gases	6.8 Mtr/Sec	Sampling Flow Rate For SPM	20.0 LPM
Sampling Flow Rate For Gases	2.4 LPM	Quantity Of Emission Discharged	222146.208m ³ /hr

TEST RESULT

S.No.	Parameter	Unit	Protocol	Result	Specification/ Limit (As Per CPCB)
1	Particulate Matters (PM ₁₀)	mg/Nm ³	IS 11255 (P-1)	129	150
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255 (P-2)	32.0	Not Specified
3	Carbon Monoxide (CO)	% by Vol	IS 13270	0.46	1% By Volume
4	Oxides of Nitrogen	mg/Nm ³	IS 11255 (P-7)	56.0	Not Specified

**** End Of Report ****

FOR NEWCON CONSULTANTS & LABORATORIES

INTEKHAB KHAN
M.Sc (Env. Science)





Newcon Consultants & Laboratories

An ISO 9001 : 2015, ISO 14001 : 2015, OHSAS 18001 : 2007 Certified Laboratory
NABL ISO/IEC 17025 : 2017 (Testing, Cert. No. TC-5526) Accredited Laboratory,

Website : www.newconlab.in



TEST CERTIFICATE

STACK EMISSION MONITORING AND ANALYSIS REPORT

Page 1 Of 1

TEST REPORT NO : NCL/TIKM/6939/009/18/02-2021

DATE OF REPORT : 23-02-2021

Name And Address Of Customer

TRIVANI ENGINEERING & INDUSTRIES LTD.

(UNIT RANI NANGAL SUGAR MILL) TEHSIL- THAKHURDWARA, POST-ALLIABAD, PIPAL
,, MORADABAD, U.P, INDIA

SAMPLING DETAIL

Analysis Start Date	18-02-2021	Analysis End Date	23-02-2021
Date Of Sampling	17-02-2021	Sampling Done By	NCL
Sampling Protocol	AS PER CPCB GUIDELINES	Duration Of Sampling	30 Minutes
Equipment Used	Handy Stack Sampler (Evirontech APM 620-602).		

DETAILS OF STACK

Stack Attached To	Boiler	Stack Dia At The Top	3400 mm
Capacity	80 TPH	Material Of Construction	RCC
Type Of Fuel Used	BAGASSE	Normal Operation Schedule	24 HRS
Quantity Of Fuel Used	35Ton/Hr		
Stack Height Above The Ground level	60 Mtr		
Attached APCS	ESP		

PHYSICAL OBSERVATIONS

Ambient Temperature	21°C	Flue Gas Temperature	131°C
Velocity Of Flue Gases	7.4 Mtr/Sec	Sampling Flow Rate For SPM	22 LPM
Sampling Flow Rate For Gases	2.8 LPM	Quantity Of Emission Discharged	241747.344m ³ /hr

TEST RESULT

S.No.	Parameter	Unit	Protocol	Result	Specification/ Limit (As per CPCB)
1	Particulate Matters (PM)	mg/Nm ³	IS:11255 (P-1)	126	150
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS:11255 (P-2)	34.0	Not Specified
3	Carbon Monoxide (CO)	% by Vol	IS:13270	0.42	1% By Volume
4	Oxides of Nitrogen	mg/Nm ³	IS:11255 (P-7)	52	Not Specified

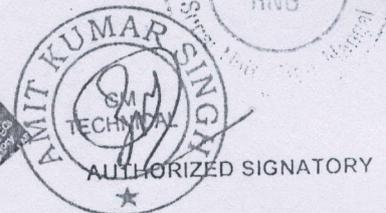
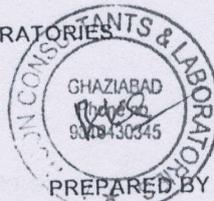
**** End Of Report****

FOR NEWCON CONSULTANTS & LABORATORIES

INTEKHAIB KHAN

M.Sc (Env. Science)

CHECKED BY



Format no NCL/QSP-28/TC-SET/FMT-01 Rev.No.1 Date 18.07.2011

NOTE : 1. The Results reported above pertains to the Tested parameters only, Endorsement of the same is neither inferred nor implied. 2. All disputes shall be subject to the jurisdiction of Ghaziabad. 3. The Report shall not be reproduced except in full without the permission of MANAGING PARTNER. 4. Our liability is limited to invoice value.



Newcon Consultants & Laboratories

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory
NABL ISO/IEC 17025 : 2017 (Testing, Cert. No. TC-5526) Accredited Laboratory
Recognised by MOEFCC



Website www.newconlab.in

TEST CERTIFICATE

STACK EMISSION MONITORING AND ANALYSIS REPORT

Page 1 Of 1

TEST REPORT NO : NCL/TIKM/7294/001/24/03-2021

DATE OF REPORT : 27-03-2021

Name And Address Of Customer

TRIVENI ENGINEERING & INDUSTRIES LTD.

(UNIT RANI NANGAL SUGAR MILL) TEHSIL- THAKHURDWARA, POST-ALLIABAD, P
, MORADABAD, U.P, INDIA

SAMPLING DETAIL

Analysis Start Date	24-03-2021	Analysis End Date	27-03-2021
Date Of Sampling	23-03-2021	Sampling Done By	NCL
Sampling Protocol	AS PER CPCB GUIDELINES	Duration Of Sampling	30 Minutes
Equipment Used	Handy Stack Sampler (Evirontech APM 620-602),		

DETAILS OF STACK

Stack Attached To	Boiler	Stack Dia At The Top	3400 mm
Capacity	80 TPH	Material Of Construction	RCC
Type Of Fuel Used	BAGASSE	Normal Operation Schedule	24 HRS
Quantity Of Fuel Used	35Ton/Hr		
Stack Height Above The Ground level	60 Mtr		
Attached APCS	ESP		

PHYSICAL OBSERVATIONS

Ambient Temperature	27°C	Flue Gas Temperature	139°C
Velocity Of Flue Gases	7.5 Mtr/Sec	Sampling Flow Rate For SPM	21.0 LPM
Sampling Flow Rate For Gases	2.5 LPM	Quantity Of Emission Discharged	245014 2m ³ /hr

TEST RESULT

S.No.	Parameter	Unit	Protocol	Result	Specification/ Limit (As CPCB)
1	Particulate Matters (PM)	mg/Nm ³	IS 11255 (P-1)	129	150
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	IS 11255 (P-2)	36.0	Not Specified
3	Carbon Monoxide (CO)	% by Vol	IS 13270	0.46	1% By Volume
4	Oxides of Nitrogen	mg/Nm ³	IS 11255 (P-7)	56.0	Not Specified

**** End Of Report****

FOR NEWCON CONSULTANTS & LABORATORIES

INTEKHAB KHAN
M.Sc. (Environmental Science)
(CHECKED BY)



Triveni ENGINEERING & INDUSTRIES LTD.

Sugar Unit- Rani Nangal

Village - Rani Nangal, P. O. - Aliabad-Pipli-244401
Tehsil - Thakurdwara, Distt. - Moradabad (U.P.)
Ph. : 0591-3011316, 3011323, 3011328, Fax : (0591) 3011307

MS
6/1/22

Date: 05.01.2022

To,
The Regional Officer,
UPPCB, Moradabad

डायरी नं०.....
सीरियल नं०.....
फाइल नं० T-22/15
दिनांक..... 6/1/22

Subject: Reply to the Show Cause Notice No- 509/T-22/Moradabad dated 12.04.2021 & subsequent visit of the committee formed by DM, Moradabad on 28.12.2021

Dear Sir,

This is in reference to the above said Show Cause Notice (SCN) dated 12.04.2021 issued under the Air Pollution Prevention & Control Act 1981 and subsequent visit of SDM, Thakurdwara along with AE (Pollution) on dated 28.12.2021, we would like to submit that at the time of reported complaint, we were fully compliant to all the air pollution related norms and were following all the best practices to control the air pollution. To further strengthen our system, we have taken following measures during the Off-Season 2021-

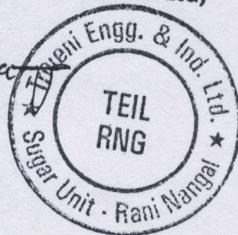
- Wet scrubber separately installed at 12 TPH boiler instead of common ESP.
- Expansion of the bagasse yard.
- Covering of bagasse yard with vertical sheeting.
- covering of bagasse loading chutes.
- Covering of all the transfer points of bagasse carriers.

Apart from this, we always have a practice to keep the surrounding bagasse of the bagasse heap wet by means of water spray, so that it does not fly-off in the air along with the quenching of surrounding area of bagasse yard by a mobile sprinkle tanker.

We hope to have addressed all the points raised in your notice and your visit to the entire satisfaction and assure you to continue to serve the area through our Industry as we are doing since last 14 years.

For Triveni Engineering & Industries Ltd,

V. Venkatarathnam
Authorized Signatory

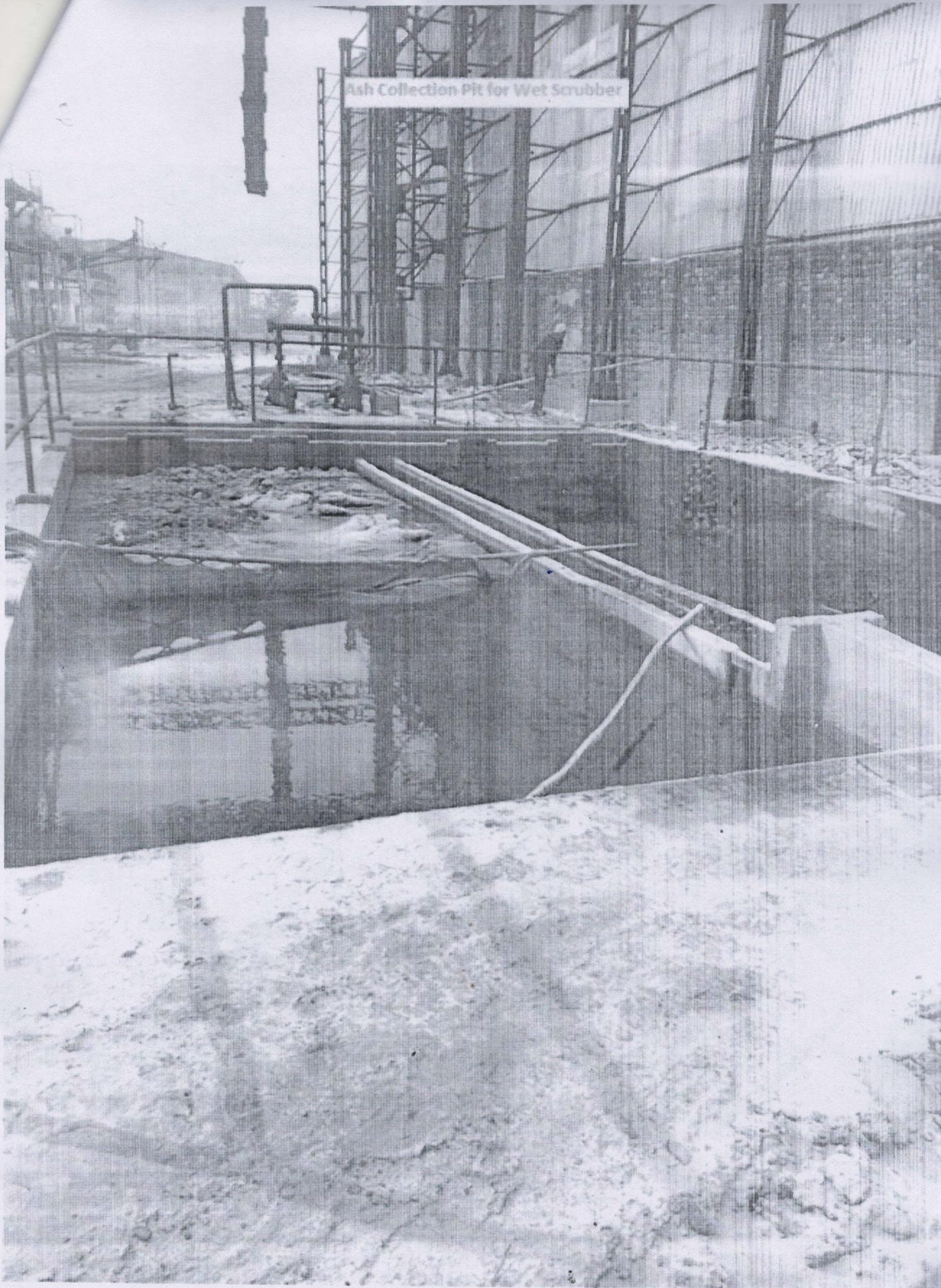


ASR
K

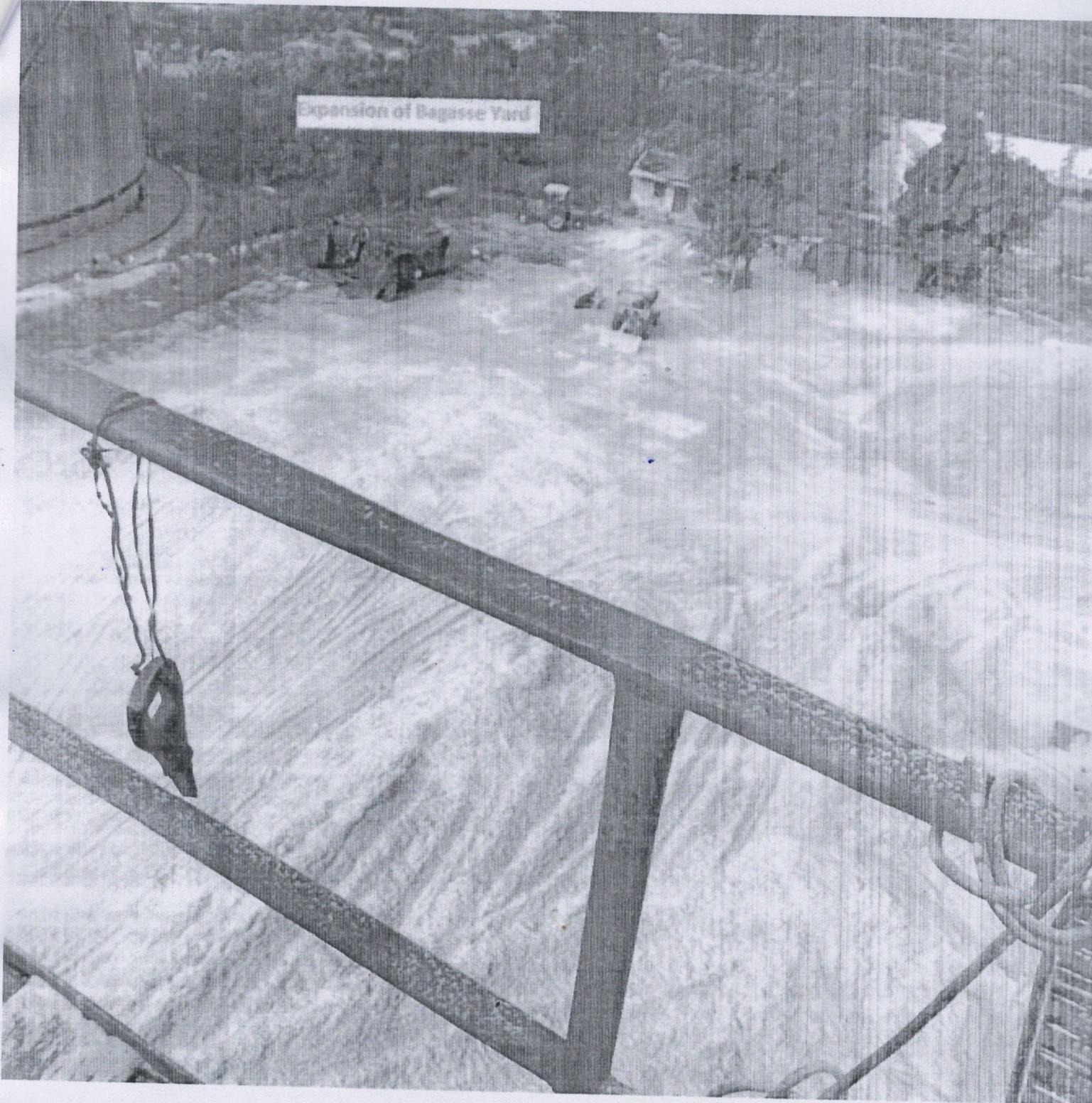
Separate Wet Scrubber for 12 TPH Boiler



Ash Collection Pit for Wet Scrubber



Expansion of Bagasse Yard



Covering of Bagasse Yard with vertical sheets



Covering of all loading chutes



Covering of all transfer points of Bagasse carriers



Water spraying on surrounding landscape

Shot on OnePlus
Powered by Triple Camera



क्षेत्रीय कार्यालय
उ०प्र० प्रदूषण नियंत्रण बोर्ड
1-ए/आई.एन.एस.-1, आवास विकास कालोनी, बौद्ध विहार,
दिल्ली रोड, मुरादाबाद

पत्र संख्या :124/7-22/मु०दाबाद

दिनांक 09.02.2022

सेवा में,

मैसर्स त्रिवेणी इंजीनियरिंग एण्ड इण्डस्ट्रीज लि०,
ग्राम रानी नांगल, तहसील ठाकुरद्वारा,
जनपद मुरादाबाद।

विषय- मा० राष्ट्रीय हरित अधिकरण, नई दिल्ली में योजित ओ.ए. संख्या 279/2021 नागेन्द्र सिंह बनाम स्टेट ऑफ उ०प्र० के संबंध में।

महोदय,

उपरोक्त विषयक अवगत हो कि मा० राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा ओ.ए. संख्या 279/2021 नागेन्द्र सिंह बनाम स्टेट ऑफ उ०प्र० में पारित आदेश दिनांक 08.11.2021 के अनुपालन में उद्योग का संयुक्त निरीक्षण क्षेत्रीय कार्यालय, उ०प्र० प्रदूषण नियंत्रण बोर्ड, मुरादाबाद एवं उपजिलाधिकारी, तहसील ठाकुरद्वारा (मुरादाबाद) द्वारा दिनांक 28.12.2021 को किया गया। संयुक्त निरीक्षण में दी गयी गयी संस्तुतियों के दृष्टिगत निम्नलिखित बिन्दुओं पर अनुपालन सुनिश्चित किये जाने हेतु आपको निर्देशित किया जाता है-

- 1 उद्योग में स्थापित वायु प्रदूषण नियंत्रण व्यवस्था का प्रभावी रूप से संचालन किया जाये, जिससे कि उत्सर्जित उत्सर्जन पर्यावरण (संरक्षण) अधिनियम, 1981 यथासंशोधित केअन्तर्गत निर्धारित मानको के अनुरूप सुनिश्चित हो सके।
- 2 वायु गुणता के सतत् अनुश्रवण हेतु स्थापित आनलाइन कन्टीन्यूअस इमीशन मॉनिटरिंग सिस्टम (OCEMS) को केन्द्रीय प्रदूषण नियंत्रण बोर्ड/राज्य बोर्ड के सर्वर से कनेक्ट रखा जाये, जिससे कि उत्सर्जित डाटा अनवरत रूप से प्रदर्शित हो सके।
- 3 फलाई ऐश के हैण्डलिंग एवं स्टोरेज की समुचित व्यवस्था सुनिश्चित की जाये, जिससे कि वायु गुणता पर प्रतिकूल प्रभाव पडने की संभावना न रहे।

आपको निर्देशित किया जाता है कि उपरोक्त बिन्दुओं पर अनुपालन किया जाना सुनिश्चित करे एवं कृत कार्यावाही की अनुपालन आख्या इस कार्यालय को प्रेषित करे।

भवदीय

(विकास मिश्र)
क्षेत्रीय अधिकारी

प्रतिलिपि : मुख्य पर्यावरण अधिकारी (वृत्त-7), उ०प्र० प्रदूषण नियंत्रण बोर्ड, लखनऊ को सूचनार्थ प्रेषित।