

REPORT
PLACED BEFORE HON'BLE NATIONAL GREEN TRIBUNAL
(NGT), NEW DELHI
O.A. No. 537 of 2022

IN THE MATTER OF
MUKESH KUMAR CHAUHAN **APPLICANT**

VERSUS

STATE OF UTTAR PRADESH **RESPONDENT**

INDEX

S.N.	PARTICULARS	PAGE NO.
1.	REPORT OF JOINT COMMITTEE CONSTITUTED IN THE MATTER OF O.A. NO. 537/2022 MUKESH KUMAR CHAUHANVERSUS STATE OF UTTAR PRADESH IN COMPLIANCE OF HON'BLE NGT, ORDRT DATED: 05.09.2022.	4-8 Report
2.	ANNEXURE-A: HON'BLE NGT ORDER DATED:05.09.2022	Annexed

Report

**In compliance of
Hon'ble NGT, Principal Bench, New Delhi's order dated 05.09.2022**

In the matter of Original Application No.537/2022

(Mukesh Kumar Chauhan Versus State of Uttar Pradesh)

Joint Committee

(CPCB, UPPCB & District Magistrate, Aligarh, UP)

Contents

S.N.	Description	Page No.
1.0.	Background	4
2.0.	Introduction	5
3.0.	Meeting of Joint Committee	5
4.0.	Inspection and Monitoring of joint Committee	5
4.1.	Observation	6
4.2.	Recommendation	7
5.0.	Concluding Remarks	8
	ANNEXURE4-: Photo Gallery	Annexed

1.0. Background

In compliance of the Hon'ble NGT order dated 05.09.2022 in the matter of O.A. No. 537 of 2022, Mukesh Kumar Chauhan Versus State of Uttar Pradesh regarding verification of factual position of complaint that M/s J K Cement Limited, Vill. Satha, Tehsil Koil, Aligarh and other companies are getting clinker, required by them for manufacture of cement, transported from Harduaganj Railway station near village Satha District Aligarh. During loading/unloading clinker evaporates causing damage to the environment, grave harm to wildlife and posing serious health hazards to local residents. The relevant part of the order is as follow:

“....In view of the averments made in the application, we consider it appropriate that a Joint Committee be constituted to verify the factual position. Accordingly, we constitute a Joint Committee comprising of representative of CPCB, State PCB, and District Magistrate, Aligarh and direct the same to meet, undertake visits to the site, look into the grievances of the applicant, associate the applicant and representative of the concerned project proponent, verify the factual position and submit its report within one month by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF. The State PCB will be the nodal agency for coordination and compliance. ...”

In compliance to above said order, following committee was constituted.

Nominated Members

1. Sh. Kunwar Bahadur Singh, Additional City Magistrate (ACM), Aligarh
2. Sh. Arvind Kumar, Scientist 'B', CPCB, RD Lucknow
3. Sh. Jai Pal Singh, RO, Regional Office, UPPCB, Aligarh

Other Members

1. Sh. Ajay Kumar, Assistant Environmental Engineer, Regional Office UPPCB, Aligarh
2. Sh. Upendra Prasad, Junior Engineer, Regional Office UPPCB, Aligarh

2.0. Introduction:

Harduaganj railway station is situated in Aligarh district under the jurisdiction of North Central Railway zone. It is stoppage for both passenger trains and goods trains. The station is approximately 2 km away from village Satha, district Aligarh. The station has ten (10) running lines, (04) marshalling line, one goods wharf, one brake van siding, one shunting neck and three siding. At present line no. 14 of marshalling line is used for clinker unloading as handling of Goods traffic. Approx. length of line no. 14 is 650 meters. Clinker is brought from various locations through Goods trains at line no. 14 of Harduaganj railway station and wagons are unloaded manually, which is further loaded into trucks through JCB machine and sent to two(02) cement plant namely M/s J K Cement Limited, Vill. Satha, Tehsil Koil, Aligarh and M/s Mangalam Cement Ltd, CDF Complex, Anoopshahar Road, Chherat, Aligarh located at approx 1.5 km and approx 6 km respectively from the Harduaganj railway station. M/s J K Cement Limited has contract with M/s Vision Next Pvt. Ltd. and M/s Mangalam Cement Limited has contract with Highway Road Career Pvt. Ltd. for transportation, loading & unloading of clinker.

3.0. Meeting of Joint Committee:

The meeting of nominated committee members was convened on 10.11.2022 to discuss the said matter. It was decided to carry out the physical inspection and ambient air quality monitoring of the railway station site as well as the village Satha District Aligarh. Accordingly, inspection and monitoring of railway station site and village Satha was carried out during on 10.11.2022.

4.0. Inspection and Monitoring of Joint Committee:

Committee carried out the inspection of Harduaganj Railway station site and village Satha district Aligarh on 10.11.2022. Two ambient air quality stations are also installed at village Satha and near Harduaganj railway station as per availability of power connection to check the ambient air quality. During inspection and monitoring only project proponent of M/s J K Cement Ltd was present. The applicant was not present and he has submitted a representation to UPPCB for withdraw of complaint.

Copy of representation is annexed as **Annexure-1**. The salient observation of inspection and monitoring is below:

4.1. Observations:

1. The clinker was unloaded manually from wagons at approx. 650-meter-long line no. 14 of Harduaganj railway station which is further loaded on trucks through JCB and transported to (02) cement plant namely M/s J K Cement Limited and M/s Mangalam Cement Limited located at approx 1.5 km and approx 6 km from the Harduaganj railway station respectively.
2. During visit, applicant was connected telephonically to associate with joint committee at railway site but applicant had not appeared at railway site.
3. The processing capacity of cement plant namely M/s J K Cement Limited and M/s Mangalam Cement Limited are 1.5 million ton per year and 1.2 million ton per year respectively.
4. During visit, the platform area near line no. 14 was found unpaved, which is also cause of fugitive emission during transportation.
5. Fugitive emission was observed while unloading and loading of clinker at station.
6. No worker was found using Proper Protective Equipment (PPEs) while loading and unloading activity.
7. During visit, it is observed that one antismog gun is available for dust suppression which was found non-operational.
8. During visit, a water tanker was found operational for sprinkling of water on road of railway siding . Water was extracted through a pumping set from the borewell. No flowmeter was installed at borewell and no permission was obtained for the same for extraction of ground water.
9. During visit, it is observed that covering of green color cloths of height approx 20 feet and length approx 300 meter was placed at one side of station as temporary arrangement for control of dust emission. Covering of green color cloths for other side of station was under progress.
10. No permanent system for dust suppression was observed at railway station. Existing system for fugitive emission control is observed to be inadequate and improper.
11. As per specific condition no. 15 of consent issued to M/s J K Cement Limited under section 21/22 of Air (Prevention and control of Pollution) Act, 1981,

'Industry shall focus on the different un-assessed source of air pollution in bagging plant and accordingly make a pucca arrangement to control cement dust generating from loading of trucks/railway wagons. Copy of consent issued to both the cement plant is annexed as **Annexure-2**.

12. Ambient air quality stations have been installed at two (02) locations near the station and Satha village as per availability of power connection. Sample is analyzed by UPPCB test result is as bellow:

Location -1 Village Satha, Tehsil Koli, District- Aligarh		
Parameters	24 Hours average value (µg/m3)	Prescribed standards (µg/m3)
PM-10	165.99	100
SO ₂	19.3	80
NO ₂	26.8	80
Location -2 Near Harduaganj Railway station, Tehsil Koli, District- Aligarh		
Parameters	24 Hours average value (µg/m3)	Prescribed standards (µg/m3)
PM-10	194.21	100
SO ₂	19.3	80
NO ₂	26.3	80

13. It is evident from above result PM-10 is not meeting with prescribed limit of ambient air quality in both the locations. Test report is annexed as **Annexure-3**.

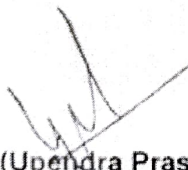
4.2. Recommendations:


1. Railway authority in cooperation with concerned cement industry must develop proper and permanent facility to control and suppress the fugitive dust emission generation while loading, un-loading and transportation of clinker at line no. 14 of Harduaganj railway station. An action plan should be submitted in this regard to SPCB.
2. The platform area near the line no. 14 should be paved to avoid fugitive emission while movement of trucks.


3. Regular water sprinkling should be done on the roads and platform area to suppress road dust
4. Industries/ railway authority should carry out monthly ambient air quality monitoring near station area and submit compliance report to UPPCB
5. Industries should comply specific condition no. 15 of consent under section 21/22 of Air (Prevention and control of Pollution) Act, 1981, i.e. 'Industry shall focus on the different un-assessed source of air pollution in bagging plant and accordingly make a pucca arrangement to control cement dust generating from loading of trucks/railway wagons'.
6. Assessment of environmental compensation due to loading and unloading of clinker at railway station should be carried out by SPCB and accordingly environmental compensation should be imposed.
7. Permission from CGWA for extraction of ground water should be taken as per rule

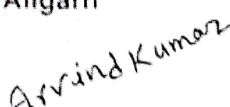
5.0. Concluding remarks:

Loading and unloading of clinker should not be allowed at railway station till compliance of above recommendation of joint committee.


(Upendra Prashad)
J.E., UPPCB
Aligarh


(Sh. Kunwar Bahadur Singh)
ACM, Aligarh


(Ajay Kumar)
A.E.E., UPPCB
Aligarh


(Sh. Arvind Kumar)
Scientist 'B', CPCB, RD Lucknow

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH**

(By Video Conferencing)
Original Application No. 537/2022

Mukesh Kumar Chouhan

...Applicant

Versus

State of U.P.

...Respondent

Date of hearing: 05.09.2022

**CORAM: HON'BLE MR. JUSTICE ARUN KUMAR TYAGI, JUDICIAL MEMBER
HON'BLE DR. AFROZ AHMAD, EXPERT MEMBER**

Applicant: None.

Application is registered based on a letter petition received by Email.

ORDER

1. Mr. Mukesh Kumar Chauhan son of Late Shri Kuwar Pal Singh Chauhan resident of village Satha, District Aligarh has sent the present letter petition, which is treated and registered as original application, complaining that J.K. company and other companies are getting clinker, required by them for manufacture of cement, transported to Harduaganj Railway station near village Satha District Aligarh. During loading/unloading clinker evaporates causing damage to the environment, grave harm to wildlife and posing serious health hazards to local residents.

2. This Tribunal is empowered to take cognizance of the cases involving questions relating to environment arising out of the implementation of enactments specified in First Schedule of the National Green Tribunal Act, 2010 *suo moto* as held by Hon'ble Supreme Court in **Municipal Corporation of Greater Mumbai V/s. Ankita Sinha and others 2021, SSC Online SC 897.** This Tribunal can also take cognizance of such cases on the basis of

letter petitions in accordance with settled principles of law governing Public Interest Litigation.

3. *Prima facie*, the averments made in the application raise questions relating to environment arising out of the implementation of the enactments specified in Schedule I to the National Green Tribunal Act, 2010. In view of the averments made in the application, we consider it appropriate that a Joint Committee be constituted to verify the factual position. Accordingly, we constitute a Joint Committee comprising of representative of CPCB, State PCB, and District Magistrate, Aligarh and direct the same to meet, undertake visits to the site, look into the grievances of the applicant, associate the applicant and representative of the concerned project proponent, verify the factual position and submit its report within one month by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF. The State PCB will be the nodal agency for coordination and compliance.

4. In case the Joint Committee observes any violation of consent conditions/environmental norms, then it shall forward a copy of its report to:-

- (i) the Project Proponent to enable it/him to comply with the recommendations in its report or file objections against its observations/recommendations and file its/his response before this Tribunal as desired within one month from the date of receipt of a copy of the report of the Joint Committee; and
- (ii) the State PCB, and District Magistrate, Aligarh to enable them to take appropriate remedial action by giving notice to/hearing the project proponent and following due process of law in accordance with Statutory provisions mandating them to take remedial action for prevention, control and abatement of environmental pollution/degradation and protection and improvement of

environment and submit their action taken reports within one month from the date of receipt of a copy of the report of the Joint Committee.

The reports be submitted by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Supported PDF and not in the form of Image PDF.

5. List for further consideration on 05.12.2022.
6. A copy of this order, along with a copy of the application and documents attached with the same, be forwarded to the CPCB, State PCB and District Magistrate , Aligarh by e-mail for compliance.

Arun Kumar Tyagi, JM

Dr. Afroz Ahmad, EM

September 05, 2022
AG

अलीगढ़ - 1

गणित उमीद
09/11/21

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उत्तर प्रदेश UTTAR PRADESH

KopCB

61AE 822338

कृते जिलाधिकारी

अलीगढ़ 20/11/22

समय - जिलाधिकारी महोदय अलीगढ़ ।

विषय : जे०के० सीमेण्ट कम्पनी के द्वारा हरदुआगंज स्टेशन किलिकर के लोडिंग अनलोडिंग से होने वाले प्रदूषण के सम्बन्ध में ।

महोदय,

- हमारे द्वारा जो वायु प्रदूषण के सम्बन्ध में शिकायत की गयी थी उसका सही से निराकरण हो गया है।
- माननीय एन०जी०टी० में भेदे द्वारा की गयी शिकायत का सही समाधान हो गया है। उस क्रम में हमें अब कुछ नहीं कहना है ।
- किलिकर साइडिंग पर प्रदूषण नियंत्रण के लिए कम्पनी द्वारा पर्याप्त व्यवस्था कर दी गयी है इसके लिए दो फोगिंग मशीन व धूल के कण गांव की ओर न जाये 25 फीट ऊंचे हरे पर्दे लगा दिये गये हैं ।
- एन०जी०टी० में दायर वाद संख्या ओ०एन० नम्बर 537/2022 मुकेश कुमार चौहान बनामू स्टेट ऑफ यू०पी० को हम वापस लेते हैं तथा इस केस को खारिज करने की प्रार्थना करते हैं और भविष्य में इस प्रकार की पुनरावृत्ति नहीं होगी ।

प्राची

मुकेश चौहान

दिनांक : 17-10-2022

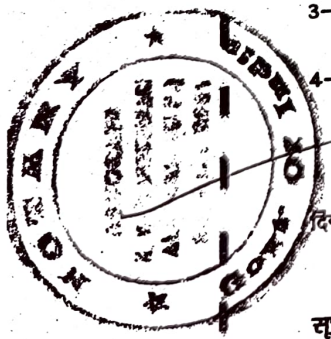
मुकेश कुमार चौहान पुत्र स्व० श्री कुबेरपाल सिंह चौहान
मोबाइल नं० 9758060642

सूचनार्थ निम्न को आवश्यक कार्यवाही हेतु प्रेषित :

- 1- अध्यक्ष नेशनल ग्रीन ट्रिब्यूनल फरीदकोट हाउस कोपरनिक्स मार्ग, नई दिल्ली-110004
- 2- क्षेत्रीय अधिकारी प्रदूषण नियंत्रण बोर्ड अलीगढ़ ।
- 3- जे०के० सीमेण्ट वर्क्स साथा कासिमपुर रोड अलीगढ़

Deepak Chaudhary

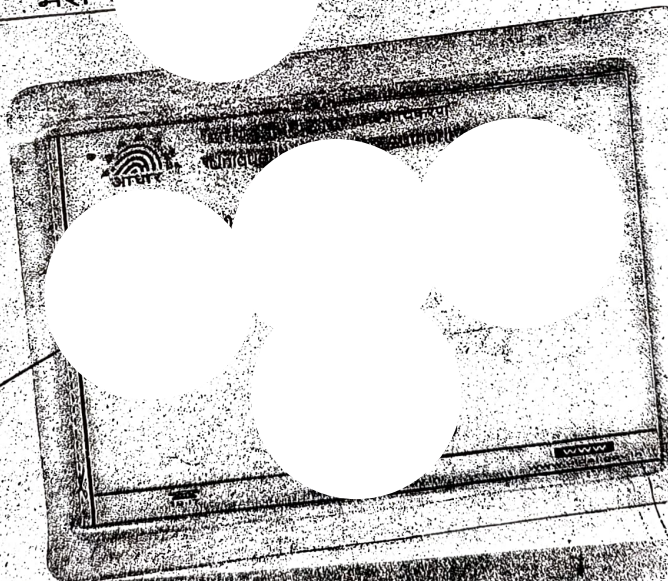
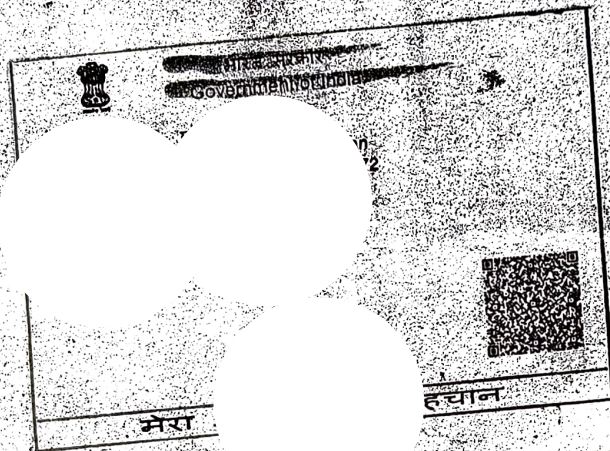
Advoc.
District Court, Aligarh



RECEIVED

Mulkeri Khandelwal
Deepak Chaudhary

20/11/22



शुक्ल चोहान

भारतीय गैर न्यायिक

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TESTED

शपथपत्र

1- यह कि मैं कौशल चौहान पुत्र रामवीर चौहान निवासी ग्राम साथा डाकखाना साथा जिला अलीगढ़ शपथपूर्वक ब्यान करता हूँ -

2- मेरे द्वारा जो वायू प्रदूषण से सम्बन्धित शिकायत की गयी उसका शिकायत सं० 624/16-5/1/2022 दिनांक 2022 के द्वारा उसका निराकरण हो गया है।

3- कुछ दबंग लोगों के कहने से मैंने यह शिकायत की थी।

4- क्लिंकर साइडिंग पर जाकर मैंने जब देखा वायु प्रदूषण को रोकने के लिए वहां पर ट्रेक्टर द्वारा पानी का छिड़काव किया जा रहा था कम्पनी के द्वारा वहां पर बहुत से पेड़ पोछे लगवाये गये हैं उसकी सही से देखभाल की जा रही है। गांव की ओर एक 25 फीट ऊंची हरे कपड़े के बांस के सहारे दीवार जैसी बना दी गयी है जिससे गांव की ओर बिल्कुल भी धूल के कण नहीं जा रहे हैं। धूल रोकने के लिए कम्पनी ने दो बड़ी फोगिंग मशीन भी चलती पायी जिससे कि बिल्कुल प्रदूषण नहीं हो रहा है।

अतः मैं श्रीमान जी निवेदन करता हूँ कि वहां की व्यवस्था देख कर हम सन्तुष्ट है और कार्यवाही स्थगित करना चाहते हैं।

कौशल चौहान

कौशल चौहान पुत्र रामवीर सिंह चौहान
निवासी ग्राम पोस्ट साथा जनपद अलीगढ़

मोबाइल नं० 7819042642

Reena Choudhary
Advocate
District Court, Aligarh

Notary Seal and Signature of Nirdeesh Kumar Mishra, Notary, Aligarh.

आधार कार्ड
GOVERNMENT OF INDIA

भारत सरकार
भारतीय जनता पार्टी
UNION MINISTERS AUTHORITY OF INDIA

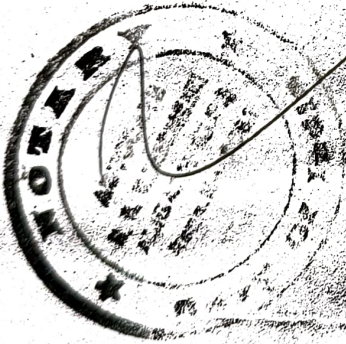
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आधार - आम आदमी का अधिकार

1800 300 1551

help@uidai.gov.in

www.uidai.gov.in



CONSENT ORDER

Dated : 15/01/2020

Ref No. -

2122/UPPCB/Aligarh(UPPCBRO)/CTO/air/ALIGARH/2019

To ,

Shri YADUPATI SINGHANIA

M/s JK CEMENT LIMITED

ALIGARH - KASIMPUR ROAD, VILLAGE - SATHA, PARGANA - MORTHAL, TESHIL -
KOIL, DISTRICT - ALIGARH, UP, ALIGARH, 202127
ALIGARH

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended)
to M/s. JK CEMENT LIMITED

Reference Application No. 6420274

Dated : 15/01/2020

1. With reference to the application for consent for emission of air pollutants from the plant of M/s JK CEMENT LIMITED. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
 2. This consent is valid for the period from 15/11/2019 to 31/12/2023 .
 3. Inspite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.
- This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

Ram Kumar
Singh
Chief Environment Officer,
Circle-4

Digitally signed by Ram Kumar
Singh
Date: 2020.01.15 11:34:01
+05'30'

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, U.P. Pollution Control Board, Aligarh.

Ram Kumar
Singh
Chief Environment Officer,
Circle-4

Digitally signed by Ram
Kumar Singh
Date: 2020.01.15 11:35:49
+05'30'

U.P. Pollution Control Board

Dated : / /

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Cement- 5836 Ton/Day..
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
- 3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.
- 3(b) Air Pollution Source Details.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height
1	Cement Mill	NA	1	Particulate Matter	45.0 Meter
2	D.G. Set-1250.0 KVA	Diesel	3	Sulphur Dioxide	As per norms.
3	D.G. Set-125.0 KVA	Diesel	4	Sulphur Dioxide	As per norms.
4	Fly ash silo and Truck Tippler and Packing Plant	NA	2	Particulate Matter	Bag filters with stack as per norms.

- 3(c) The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1	1	Particulate Matter	As per norms.
2	2	Particulate Matter	As per norms.
3	3	Sulphur Dioxide	As per norms.
4	4	Sulphur Dioxide	As per norms.

4. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
5. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
6. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
7. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
8. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
9. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

Specific Conditions:

Dated: 15/01/2020
Day: 15/01/2020
Main prior
which

1. Industry shall maintain and operate APCs installed at different sources of pollution effectively to ensure the latest particulate matter applicable.
2. Industry shall replace time to time all the bag filters, which are found damaged to ensure the ambient air quality in the premise.
3. Industry shall ensure the compliance of conditions imposed in NOC and EC issued by U.P. Pollution Control Board and State Environment Impact Assessment Authority and submit the compliance report at every quarter.
4. Industry shall submit the ambient air quality monitoring report of the premise along with stack monitoring reports connected with different units in the premise.
5. Industry shall ensure the proper PPE to the workers engaged in manufacturing and packing plant.
6. Industry shall get the connectivity of the OCEMS with the server SPCB and CPCB.
7. Industry shall procure the mechanical road sweeper to sweep the cement dust from the roads.
8. Industry shall ensure natural appearance of green belt by sprinkling the water.
9. Minimum 33% of land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office order no H 16405/220/2018/02 dated. 16-02-2018. The copy of this guidelines is available at URL http://www.uppcb.com/pdf/Green-Belt_Guidle_160218.pdf.
10. Industry shall procure and maintain continuous online monitoring system as per direction of SEIAA imposed in EC.
11. Industry shall submit the ambient air quality monitoring report, stack monitoring reports done by competent agency within 01 Month from start of production.
12. Industry will comply the provision of C & D Rules, 2016.
13. Industry will comply the provision of Solid Waste Rules, 2016.
14. Industry will ensure the transfer of Fly ash and clinker through covered conveyors.
15. Industry shall focus on the different un-assessed source of air pollution in bagging plant and accordingly make a pucca arrangement to control the cement dust generating from loading of trucks/railway wagons.
16. Industry shall ensure the provision of E.P. Act, 1986. State Board reserve the power of to add or alter any conditions as per requirement of the surrounding environment.
17. Industry shall implement the provision of C.S.R. for the development and uplifting the lifestyle of surrounding habitations such as School, Drinking Water, Health etc.
18. Industry shall ensure the pucca arrangement to mitigate accident/fire with collaboration with local administration.
19. Industry will managed the parking of the vehicles in such a way that general public do not get affected.
20. The parking area of goods carrier shall be made pucca to suppress the dust emission during movement.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .
Ram Kumar
Singh
Chief Environment Officer,
Circle-4

Digitally signed by Ram Kumar
Singh
Date: 2020.01.15 11:36:31
+05'30'

U.P. Pollution Control Board

CONSENT ORDER

Ref No. -
72125/UPPCB/Aligarh(UPPCBRO)/CTO/water/A
LIGARH/2019

Dated : 15/01/2020

To ,

Shri YADUPATI SINGHANIA

M/s JK CEMENT LIMITED

ALIGARH - KASIMPUR ROAD, VILLAGE - SATHA, PARGANA - MORTHAL, TESHIL -
KOIL, DISTRICT - ALIGARH, UP, ALIGARH, 202127
ALIGARH

**Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974
(as amended) for discharge of effluent to M/s. JK CEMENT LIMITED**

Reference Application No :6420409

Dated :15/01/2020

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act, 1974 as amended (here in after referred as the act) M/s. JK CEMENT LIMITED is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in reference to their foresaid application .
2. This consent is valid for the period from 15/11/2019 to 31/12/2023 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Prevention and Control of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

Ram Kumar
Singh
Chief Environment Officer,
Circle-4

Digitally signed by Ram Kumar
Singh
Date: 2020.01.15 11:30:20
+05'30'

**Enclosed : As above
(condition of consent):**

Copy to: Regional Officer, U.P. Pollution Control Board, Aligarh.

Ram Kumar
Singh
Chief Environment Officer,
Circle-4

Digitally signed by Ram
Kumar Singh
Date: 2020.01.15 11:31:52
+05'30'

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.JK CEMENT LIMITED vide

Consent Order No. 6420409/ Water

Dated : 15/08/2015

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Cement- 5836 Ton/Day..
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge,KL/day	Treatment facility and discharge point
1	Domestic	Septic Tank & Soak Pit	Septic Tank

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4(a) The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

Domestic Effluent		
S.No	Parameter	Standard
1	Quantity of Discharge	10.0 KLD
2	Quantity of Discharge	174.0 KLD (Cooling)

- 4(b). The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

Industrial Effluent		
S.No	Parameter	Standard

5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory .
6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .
7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .

Specific Conditions:

15/01/2020

1. Industry shall ensure 100 percent re circulation of cooling water and domestic waste will be charge in Septic Tank/Soak Pit of appropriate capacity.
2. Industry shall submit the calibration certificate of water meter installed at bore wells at every 06 months.
3. Industry shall ensure the compliance of terms and conditions imposed in the NOC of Central Ground Water Authority.
4. Industry will develop and establish appropriate system for ground water recharging.
5. Industry shall strictly comply the terms and conditions of NOC and EC issued by U.P. Pollution Control Board and State Environment Impact Assessment Authority respectively.
6. Minimum 33% of land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office order no H 16405/220/2018/02 dated. 16-02-2018. The copy of this guidelines is available at URL http://www.uppcb.com/pdf/Green-Belt_Guidle_160218.pdf.
7. Industry shall ensure Zero Liquid Discharge outside premise. Any kind of liquid waste shall not be discharged outside the premise.
8. Industry will comply the provision of C & D Rules, 2016.
9. Industry will comply the provision of Solid Waste Rules, 2016.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .

Ram Kumar

Singh

Chief Environment Officer,

Circle-4

Digitally signed by Ram
Kumar Singh
Date: 2020.01.15 11:32:53
+05'30'

U.P. Pollution Control Board

CONSENT ORDER

Ref No. -
31855/UPPCB/Aligarh(UPPCBRO)/CTO/air/ALIGARH/2018

Dated : 04/01/2019

To ,

Shri Sushil Kumar Pokharna
M/s MANGALAM CEMENT LIMITED
Plot No K-1, UPSIDC (CDF) Industrial Area, Distt Aligarh ,ALIGARH,202122
ALIGARH

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. MANGALAM CEMENT LIMITED

Reference Application No. 2936389

Dated : 04/01/2019

1. With reference to the application for consent for emission of air pollutants from the plant of M/s MANGALAM CEMENT LIMITED. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 23/11/2018 to 31/12/2023 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.
This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

Digitally signed by BRIJ BIHARI AWASTHI
BRIJ BIHARI AWASTHI
Date: 2019.01.04 12:59:17
+05'30'

(Dr. B.B. Awasthi)

Chief Environmental Officer

**Enclosed : As above
(condition of consent):**

Copy to: Regional Officer UPPCB Aligarh

Digitally signed by BRIJ BIHARI AWASTHI
BRIJ BIHARI AWASTHI
Date: 2019.01.04 12:59:17
+05'30'

(Dr. B.B. Awasthi)

Chief Environmental Officer

U.P. Pollution Control Board

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of O P Cement- 1.3 million ton/year & P P Cement 1.99 million Ton/year.
- 2(a). The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height
1	covered shed for clinker unloading, to control dust emission for grinding of clinker	Diesel	1	Sulphur Dioxide	As per Board Norms
2	D.G.Set5.4 MW(2 Unit)	Diesel	02	Sulphur Dioxide	Common stack - 20.0Meter proposed
3	Stack attached to grinding ball mill having height 30 meter	na	03	Particulate Matter	30 meter

- 2(b). The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1	1	Sulphur Dioxide	As per Board Norms
2	2	Sulphur Dioxide	As per Board Norms
3	03	Particulate Matter	As per Board Norms

3. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
4. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
5. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
6. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
7. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
8. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

Specific Conditions:

- 1-The industry should be operated in such a manner that it does not adversely affect the environment and the solid waste generated such as ash etc. Be disposed in eco friendly manner.
- 2-Any source of emission other than that mentioned in the Air consent seeking application will not be permitted by the Board.
- 3-The industry should ensure the operation of air pollution control system (APCS) in such a manner that the air emission conforms with the standards prescribed under the E.P. Act 1986 as amended.
- 4-The industry will ensure the proper maintenance and operation of Bio Filter installed in the factory to control the foul smell from the raw material storage and the finished product.
- 5-The consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/process/fuel/plant machinery failing which consent would be deemed void.
- 6-Industry shall abide by orders/directions issued by Hon'ble Supreme Court Hon'ble High Court, Hon'ble National Green Tribunal, Central Pollution Control Board and U.P.
- 7-Industry shall submit monitoring reports of the stacks and ambient air quality from a certified/approved laboratory under E.P. Act 1986.
- 8-Industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended all other applicable rules notified under E.P. Act 1986.
- 9-The unit shall submit the audited balance sheet for the current year and details of fees deposited during last three years within a month.
- 10-The unit shall obtain prior consents in the event of any addition of new emission generation sources such as-Boiler/Furnace/Heaters/D.G. sets or alteration of existing emission sources in accordance with section 21/22 of air Act 1981 (as amended respectively).
- 11-The use of Pet Coke and Furnace oil as a fuel is restricted in compliance of Hon'ble Supreme court order.
- 12-The industry will use minimum 20% Bio Briquette as fuel in the Boiler depending upon its availability.
- 13-Minimum 33% of land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office order no H 16405/220/2018/02 dated. 16-02-2018. The copy of this guidelines is available at URL http://www.uppcb.com/pdf/Green-Belt_Guidle_160218.pdf.
- 14-The show cause /closure order issued under the section 31A of Air (Prevention and Control of Pollution) Act 1981 as amended vide letter No. H 23801/C-4 /Air-109/show- cause notice/2018 dated 24-07-2018 is hereby revoked with the Approval of the Competent Authority.
15. A Bank Guarantee of Rs.1000000/=(Ten Lakh only) to ensure compliance of the above conditions shall be submitted within 15 days.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .

BRIJ BIHARI
AWASTHI

Digitally signed by BRIJ
BIHARI AWASTHI
Date: 2019.01.04 12:58:56
+05'30'

(Dr. B.B. Awasthi)

Chief Environmental Officer

U.P. Pollution Control Board

CONSENT ORDER

Dated : 04/01/2019

Ref No. -
31124/UPPCB/Aligarh(UPPCBRO)/CTO/water/A
LIGARH/2018

To ,

Shri Sushil Kumar Pokharna
M/s MANGALAM CEMENT LIMITED
Plot No K-1, UPSIDC (CDF) Industrial Area, Distt Aligarh ,ALIGARH,202122
ALIGARH

Sub : **Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974
(as amended) for discharge of effluent to M/s. MANGALAM CEMENT LIMITED**

Reference Application No :2869140

Dated :04/01/2019

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act) M/s. MANGALAM CEMENT LIMITED is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in refrence to their foresaid application .
2. This consent is valid for the period from 23/11/2018 to 31/12/2023 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Previntion and Controt of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

BRJ BIHARI
AWASTHI

Digitally signed by BRJ BIHARI AWASTHI
DN: cn=BRJ BIHARI AWASTHI, o=U.P. Pollution Control Board

(Dr. B.B. Awasthi)

Chief Environmental Officer

Enclosed : As above
(condition of consent):

Copy to: Regional Officer UPPCB Aligarh

BRJ BIHARI
AWASTHI

Digitally signed by BRJ
BIHARI AWASTHI
Date: 2019.01.04
12:43:56 +05'30'

(Dr. B.B. Awasthi)

Chief Environmental Officer

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.MANGALAM CEMENT LIMITED vide

Consent Order No. 2869140/ Water

Dated : 04/0

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of O P Cement- 1.3 million ton/year & P P Cement 1.99 million Ton/year.
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge,KL/day	Treatment facility and discharge point
1	Domestic	Septic Tank & Soak pit	Septic Tank

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4 a. The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

Domestic Effluent		
S.No	Parameter	Standard
1	Quantity of Discharge	10 KLD

- 4 b. The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

Industrial Effluent		
S.No	Parameter	Standard

5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory .
6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .
7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .

Specific Conditions:

- 04/01/2018
- 1-The unit shall maintain strict supervision on fluctuations in operating parameters with respect to each treatment unit of the Effluent treatment plant. There will be no effluent discharge outside the factory premises and entire treated effluent will be used for the irrigation within the factory premises.
 - 2-The industry will ensure the continuous and uninterrupted data supply from OCEEMS to the SPCB and CPCB server.
 - 3-Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized.
 - 4-The industry will have to ensure permission from the CGWA for ground water extraction and it will be the responsibility of the industry to comply with the various conditions of the permission taken.
 - 5-The unit shall submit the audited balance sheet for the current year and details of fees deposited during last three years within a month.
 - 6-If the CPCB or UPPCB issues the Closure order against the industry this consent order stands automatically suspended for the period.
 - 7-Industry shall submit Environmental Statement in prescribed form V as per rule no. 14 of E.P. rule 1986.
 - 8-This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/process/fuel/Plant machinery failing which consent would be deemed void.
 - 9-Industry shall abide by orders/directions issued by Hon'ble Supreme Court Hon'ble High Court, Hon'ble National Green Tribunal, Central Pollution Control Board and U.P.
 - 10-Industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended all other applicable rules notified under E.P. Act 1986.
 - 11-Minimum 33% of land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office order no H 16405/220/2018/02 dated. 16-02-2018. The copy of this guidelines is available at URL http://www.uppcb.com/pdf/Green-Belt_Guidle_160218.pdf.
 - 12-The show cause /closure order issued under the section 31A of Air (Prevention and Control of Pollution) Act 1981 as amended vide letter No. H 23801/C-4 /Air-109/show- cause notice/2018 dated 24-07-2018 is hereby revoked with the Approval of the Competent Authority.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .

BRU BIHARI
AWASTHI

Digitally signed by BRU
BIHARI AWASTHI
Date: 2018.01.24
12:44:39 +05'30'

(Dr. B.B. Awasthi)

Chief Environmental Officer

21/11/22-3

REGIONAL LABORATORY
U.P. POLLUTION CONTROL BOARD,
ALIGARH

AMBIENT AIR QUALITY MONITORING REPORT

1. Name of the Monitoring : Village-Satha, Tehsil-Koil, District-Aligarh
Place
2. Sample Collection by : Mr. Dheeresh Kumar (JRF),
Mr. Agosh-E-Haq (JRF) &
Mr. Salman Khan (F.A.)
3. Date of Monitoring : 09.11.2022

4. RESULTS :

Parameters	Value ($\mu\text{g}/\text{m}^3$)						24 Hourly Average ($\mu\text{g}/\text{m}^3$)	(Prescribed Standard) ($\mu\text{g}/\text{m}^3$)
	1 st Shift		2 nd Shift		3 rd Shift			
Particular matters (PM-10)	186.20		142.86		168.92		165.99	100.0
Timing	06-10	10-14	14-18	18-22	22-02	02-06		
SO ₂ ($\mu\text{g}/\text{m}^3$)	17	19	22	18	21	19	19.3	80
NO ₂ ($\mu\text{g}/\text{m}^3$)	26	24	29	27	29	26	26.8	80

J.R.F.

L.A./M.A.

A.S.O

Regional Officer

REGIONAL LABORATORY
U.P. POLLUTION CONTROL BOARD,
ALIGARH

AMBIENT AIR QUALITY MONITORING REPORT

1. Name of the Monitoring : Harduaganj Railway Station, Tehsil-Koil,
Place District-Aligarh
2. Sample Collection by : Mr. Jitendra Kumar (M.A.),
Mr. Dheeresh Kumar (JRF) &
Mr. Agosh-E-Haq (JRF)
3. Date of Monitoring : 10.11.2022
4. RESULTS :

Parameters	Value ($\mu\text{g}/\text{m}^3$)						24 Hourly Average ($\mu\text{g}/\text{m}^3$)	(Prescribed Standard) ($\mu\text{g}/\text{m}^3$)
	1 st Shift		2 nd Shift		3 rd Shift			
Particular matters (PM-10)	182.00		202.00		198.64		194.21	100.0
Timing	06-10	10-14	14-18	18-22	22-02	02-06		
SO ₂ ($\mu\text{g}/\text{m}^3$)	18	16	19	21	19	23	19.3	80
NO ₂ ($\mu\text{g}/\text{m}^3$)	25	22	27	29	26	29	26.3	80

J.R.F.

L.A./M.A.

A.S.O

Regional Officer







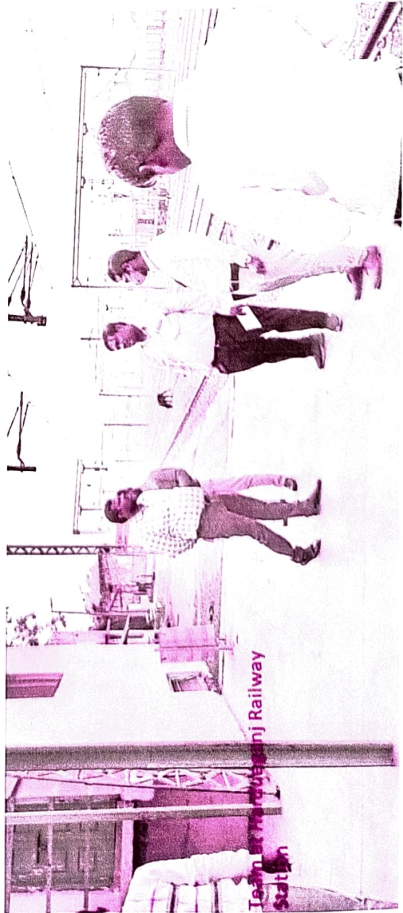
Water Sprinkling at unpolished Road
Railway siding Hardhagan



Green Net Railway siding
Hardhagan, Aligarh



Representatives of the
Railway Engineering
Inspection Dept.



Team at the Ghatampur Railway
Station