

**SIX MONTHLY ENVIRONMENTAL COMPLIANCE REPORT OF STIPULATED
CONDITIONS OF ENVIRONMENTAL CLEARANCE**

(OCTOBER 2022 TO MARCH 2023)

FOR

GANGA EXPRESSWAY PROJECT

FOR SUBMISSION TO

MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE



SUBMITTED BY:-

UTTAR PRADESH EXPRESSWAYS INDUSTRIAL DEVELOPMENT AUTHORITY (UPEIDA)

C-13, 2nd Floor, Paryatan Bhawan, Vipin Khand, Gomti Nagar, Lucknow- 226010

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INTRODUCTION

The ambitious Ganga Expressway project has been launched in 2021, with the vision to improve the connectivity to interior regions of Uttar Pradesh. Absolutely mammoth in size, this project will be 593.947 Km in length. The logistics involved with this project means that it has been slated to be completed in two phases. The Ganga Expressway will connect 12 districts between Meerut and Prayagraj - Meerut, Hapur, Bulandshahar, Amroha, Sambhal, Badaun, Shahjahanpur, Hardoi, Unnao, Rae-bareilly, Partapgarh and Prayagraj

This expressway in UP is expected to be completed by December 2024. In order to keep up with the pre-decided deadlines, the construction of the state's other projects was not halted even during the COVID-19 pandemic. Let's take a closer look at this gigantic undertaking.

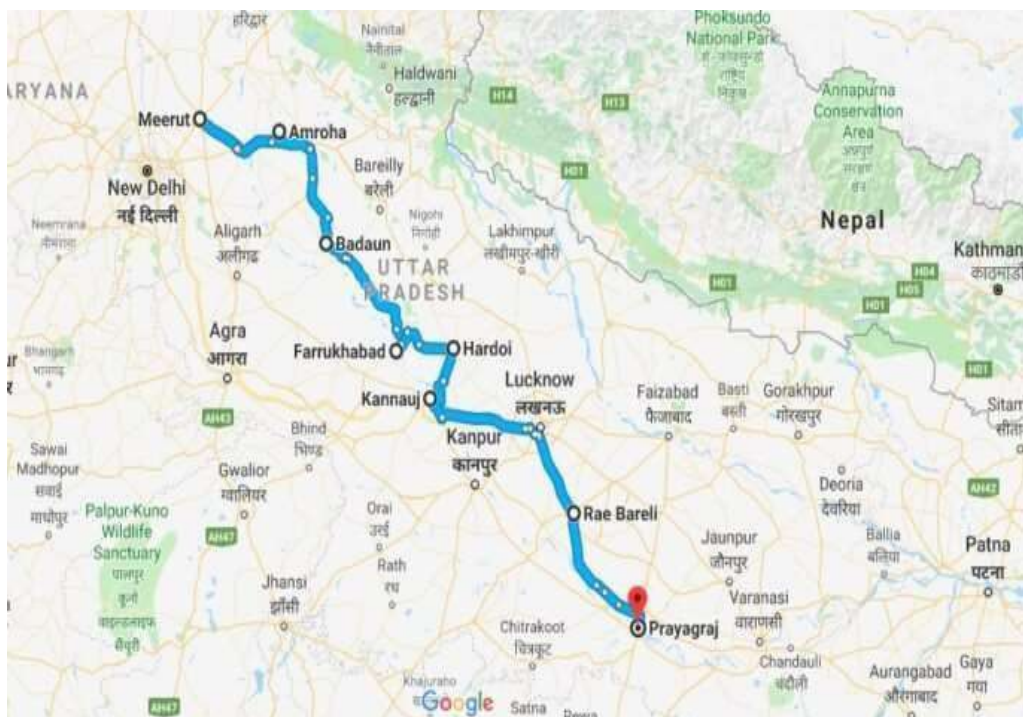
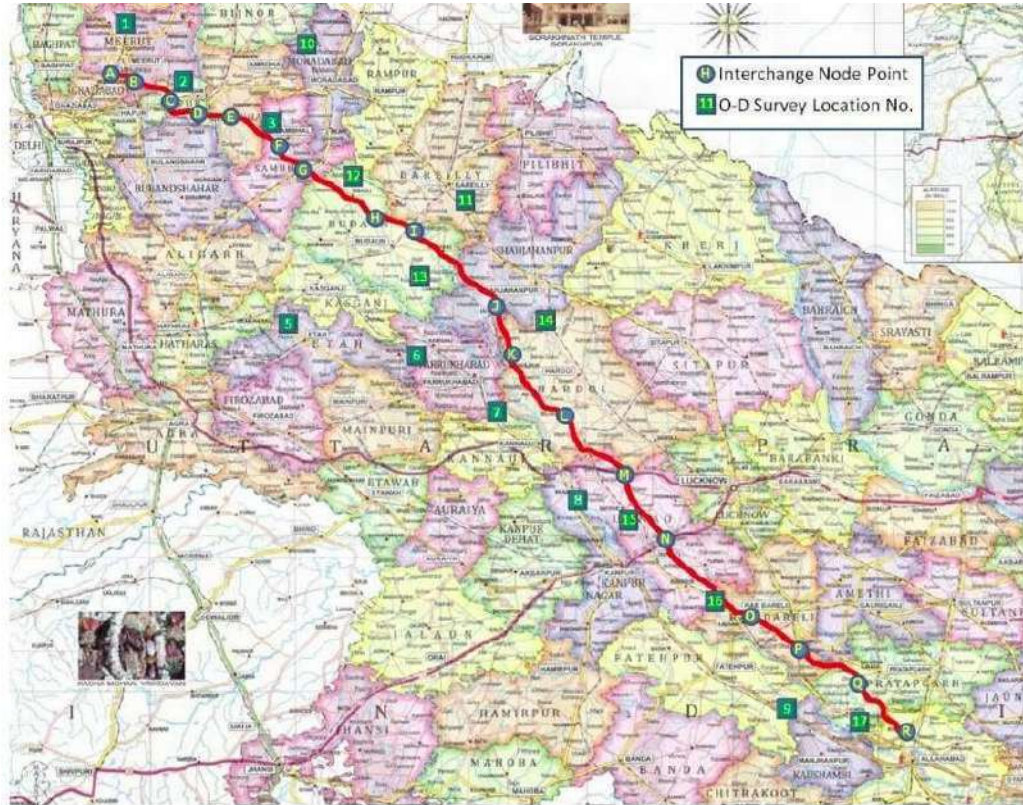
Ganga Expressway-Over view of this Ambitious Project

The development of this project has been undertaken by the Uttar Pradesh Expressways Industrial Development Authority (UPEIDA). This authority is in charge of constructing and developing the expressways in UP. This massive about 600 Km expressway will connect 12 districts in UP, while also connecting over 500 villages to the rest of the state.

There will be ample space for the development of industrial clusters along the expressway as well as for various public utilities. The total cost of the Project is Rs. 36,230 Crore (Approx.) and will be spread over 7463.44 hectares of land. The massive size of this expressway also includes 5 Km airstrip.

The **green field** expressway is a **six lane** (expandable to 8 lane expressway), with the speed limit being capped at 120km/hour. The plans also include 960 m bridge over the Ganga river as well as another one for a 720 Meter bridge over Rāmgangā. The project will have 14 major bridges, 126 minor bridges, 28 flyovers, 929 culverts, and 8 diamond intersections. The toll plazas for the Ganga expressway will be constructed in Prayagraj and Meerut, with a further 15 toll plazas along the route.

Project Layout Map



Scope of the Project

1	Project Name	Proposed Development of “Ganga Expressway” which starts from Meerut - Bulandshahar Road (NH-334) near village Bijoli (Dist. Meerut) (Ch: 7+900) & terminates at Prayagraj Bypass on NH-19 near village Judapur Dando (Dist. Prayagraj) (CH 601+847). <u>Total Length – 593.947 Km</u>
2	Location of the sub project road	Starting Point: 28°51'53.93"N, 77°44'28.76"E Ending Point: 25°34'57.22"N, 81°48'45.41"E
3	Design Speed	120 Km/hr
4	No. of Towns and Villages falling along the project road	Meerut District: 09 villages Hapur District: 29 villages Bulandshahar district: 08 villages Amroha district: 25 villages Sambhal district: 31 villages Badaun district: 85 villages Shahjahanpur district: 41 villages Hardoi district: 88 villages Unnao district: 76 villages Raebareli district: 63 villages Pratapgarh district: 43 villages Prayagraj district: 20 villages Total: 518 villages
5	Total design length of the project	593.947 km
6	Total Area of Land Acquisition	7463.44 Ha.
7	Forest Land	121.47 Ha.
8	Terrain	Plain/Rolling
9	Seismic Zone	Zone II, III and IV
10	No. of Bridges	Major Bridges – 14 Nos. Minor Bridges – 126 Nos.
11	Total Culverts	929
12	Right of Way	120 m
13	Safety Measure	ATMS to be provided all along the expressway; Depressed Median proposed for accident prevention; Raised profile edge line on both side of carriageway; Precast boundary wall on both side of carriageway; Traffic Sign boards and

		Traffic calming measures; Emergency Response System
14	Total Project Cost	Rs. 36230 Cr (approx.)
15	Water bodies Impacted	140 locations (Rivers / Streams / Canals) Sufficient numbers of cross drainage structures has been proposed to avoid any impact on them.
16	Forest Clearance	Forest Clearance proposal No. FP/UP/ROAD/144793/2021 for 121.47 Ha of Land is submitted; Approval is granted in 66th Meeting of REC (MoEF&CC) on 1st June 2022, forest clearance granted vide letter no. 8B/UP/06/295/2021/FC/133 dated 16.06.2022.

Work Distribution for Completing the Expressway

Group	Group Chainage	Pkg.	Package Stretch (km)	Group Stretch (km)	District (from - to)	Concessionaire	Contractor	IE
I	7+900 to 137+600	1	48.9	129.6	Bijauli (Meerut) - Chandner (Hapur)	IRB Infrastructure	IRB Infrastructure	Lion Engineering Consultants Pvt. Ltd.
		2	30		Chandner (Hapur) - Mirzapur Dungal (Amroha)			
		3	50.7		Mirzapur Dungal (Amroha) - Nagla Baraha (Budaun)			
II	137+600 to 289+300	4	52.1	151.7	Nagla Baraha (Budaun) - Binawar (Budaun)	Adani Enterprises	H.G. Infra Engineering Ltd.	MSV International, Inc.
		5	46.7		Binawar (Budaun) - Dari Gulau (Shahjahanpur)			
		6	52.9		Dari Gualu (Shahjahanpur) - Ubariya Khurd (Hardoi)			
III	289+300 to 445+000	7	52.4	155.7	Ubariya Khurd (Hardoi) - Iksai (Hardoi)	Adani Enterprises	Patel Infrastructure Ltd.	Lion Engineering Consultants Pvt. Ltd.
		8	50.2		Iksai (Hardoi) - Raiya Mao (Unnao)			
		9	53.1		Raiya Mao (Unnao) - Sarson (Unnao)			
IV	445+000 to 601+847	10	51.8	156.8	Sarson (Unnao) - Terukha (Raebareli)	Adani Enterprises	ITD Cementation India Limited	Dhruv Consultancy Services Limited
		11	52		Terukha (Raebareli) - Naudhiya (Pratapgarh)			
		12	53		Naudhiya (Pratapgarh) - Judapur Dandu (Prayagraj)			

Name of the Project :- Ganga Expressway (Green Field) in the State of Uttar Pradesh

Name of the Project Proponent :- M/s Uttar Pradesh Expressways Industrial Development Authority (UPEIDA)

Environmental Clearance Letter No. :- EC22A034UP189577 & File No. 10/1/2022-IA.III Dated 13-07-2023

Compliance :- From Group I, II, III & IV

Period of Compliance Report :- From October-2022 to March-2023 (1st Compliance Report)

Specific Conditions

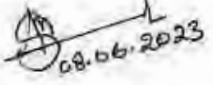
	Specific Conditions as are mentioned in the Grant of Environmental Clearance (EC)	Status of Compliance
I	All commitments made in the Wildlife Management & Conservation Plan submitted to the Ministry shall be implemented in letter and spirit. The status of implementation of Management & Conservation Plan shall be submitted to the Regional Office of the Ministry along with 6 monthly compliance report.	<p>Notified Eco Sensitive Zone of Saheed Chandrashekhar Azad Bird Sanctuary (Nawabganj) in District of Unnao is at a distance of approx. 8.5 Km away from the proposed project alignment. Notified Eco sensitive zone of Samaspur Bird Sanctuary in District Rae Bareilly is at a distance of approx. 3.5 Km away from the proposed project alignment. Notified Eco Sensitive Zone of Sandi Bird Sanctuary in District Hardoi is at a distance of 4.6 km away from the proposed project alignment. The Project is not located within the Eco-Sensitive Zone (ESZ) or Eco-Sensitive Area (ESA) notified by the MoEF & CC. The proposed project does not pass through any CRZ locations. No reserve forest/eco sensitive area is within the proposed project alignment of Ganga Expressway Project.</p> <p>Biodiversity assessment and mitigation measures study of Samaspur Bird Sanctuary, Raebareilly and Biodiversity assessment and mitigation measures study of Sandi Bird Sanctuary of Hardoi have been made by the expert committee and the report was submitted along with the EIA/EMP report.</p> <p>All the measures are being taken to contain noise pollution by erecting noise barriers wherever necessary to contain dust pollution by using sprinklers and to control light emission using antiglare measures by median plantation.</p> <p>Mitigation measures following WII-MOEF & CC guidelines are being followed as suggested by the expert committee.</p>
II	To minimize the wild animal road accidents and ease of their movement from one area to another while crossing the road, all underpasses, overpasses, via-ducts as envisaged in EIA-EMP along with chainage and DPR must be constructed keeping in mind the guidelines provided by WII (2016) and as identified in the wildlife conservation plan.	The condition is being complied and the guidelines are being followed.


iii	The condition has been omitted because it was not related to the Ganga Expressway Project.	Not applicable
iv	Road side tree plantation of local fruit bearing species or in nearby village in collaboration with Gram Panchayat.	The condition shall be complied simultaneously as the construction of Expressway progresses. Compensatory afforestation shall be taken up by the Forest Department.
v	Wildlife movement during the construction be monitored by forest department and if found necessary additional over / underpasses be developed. Provision for the same be made in the project budget.	Noted. The project is under construction, the condition shall be complied.
vi	Quarry areas shall be barricaded during mining operations. The abandoned quarry shall be developed as water reservoirs with proper fencing around quarry area. Details for Quarry area operation and rehabilitation given the EIA report shall be followed.	The condition being complied.
vii	In all the construction sites within 150 m of the nearest habitation, noisy construction work such as crushing, concrete mixing will be stopped during the night time between 10.00 pm to 6.00 am. No noisy construction activities will be permitted around educational institutions/health centres (silence zones) up to a distance of 100 m from the sensitive receptors. All plants and equipment used in construction shall strictly conform to the CPCB/SPCB noise standards.	Noted. The condition is being complied. For crushing, concrete mixing etc. activities CTE/CTO have been obtained from UP Pollution control Board (Enclosed). The conditions imposed by UPPCB are complied.
viii	Traffic Control Devices/Road Safety Devices/ Roadside Furniture including various types of cautionary, Informatory, regulatory as mandatory signboards, road markers, studs, etc. shall be provided at appropriate locations all along the project stretch in accordance with the specifications laid down in Manual of Specifications and Standards for Expressways (IRC:SP:99-2013) and IRC:8, IRC:25, IRC:26, IRC:35, IRC:67, IRC:79, IRC:103 and Section 800 of MORTH Specifications.	The project is under construction, Traffic Control Devices/Road Safety Devices/ Roadside Furniture including various types of cautionary, informatory, regulatory as mandatory signboards, road markers, studs, etc. shall be provided at appropriate locations all along the project stretch in accordance with the specifications laid down in Manual of Specifications and Standards for Expressways shall be complied as per (IRC:SP:99-2013) and IRC:8, IRC:25, IRC:26, IRC:35, IRC:67, IRC:79, IRC:103 and Section 800 of MORTH Specifications.

ix	Prepare the traffic prediction report for complete project (including all packages of this project) considering the cumulative impact of the traffic on the environment and submit to the Ministry and concerned Regional Office within 3 months.	The condition has been complied. The traffic prediction report has been prepared and included in the DPR and EIA/EMP report.
x	All the major, minor bridges and culverts should not affect the drainage systems. Flood plains of the rivers/ drainage systems are not to be disturbed. Areas between chainage 217400 to 224700 appears to be floodplain. Details regarding the same be sought from IIT Kanpur or Varanasi. In case of floodplain, an elevated corridor should be constructed in this area.	The study has been carried out by IIT Benaras Hindu University, Varanasi. Action shall be taken according to the recommendations of IIT BHU, Varanasi.
xi	Number of pillars for the over bridged proposed between chainage 66300 to 67000 over River Ganga should be kept bare minimum by increasing the length of span between pillars to maximum possible without compromising road safety and stability.	The condition shall be followed and the suggestions shall be implemented.
xii	Afforestation using compensatory plantation in the ratio of 1:10 shall be carried out by the state forest department. Native tree species shall be provided as per the IRC Guidelines on Landscaping and Tree Plantation (IRC:SP:21-2009). Plantation should be purely of native trees with large number (atleast 40%) of Ficus species on both sides of the alignment.	The condition shall be complied. The similar proposal had been made to the Ministry of Environment Forest & Climate Change Integrated Regional Office, Lucknow by its Letter No. 8बी/गूडी/06/295/2021/एफओसी/133 दिनांक 16.08.2022 regarding UPEIDA's online proposal no. FP/UP/Road/144793/2021 while granting 1 st phase forest clearance to the project. Compensatory afforestation shall be taken up by the Forest Department.
xiii	Project alignment should be managed in such a way to save the Heritage/old trees supposed to be affected by the proposed alignment.	The condition is being complied.
xiv	The proponent shall obtain permission from the competent authorities for tree felling along the proposed alignment.	The proponent have obtained permission from the competent authorities (Divisional Director Social Forestry Department (Forest) UP for tree felling along the proposed alignment. The permission letters are enclosed.
xv	No Ground water shall be extracted and used. Approval/permission of concerned authority shall be obtained before drawing surface water from canal or any other sources.	No Ground water shall be extracted and used without approval/permission of concerned authorities. Approval/permission of concerned authority shall be obtained before drawing surface water from canal or any other sources. The applications have been made for the same. It is under process.
xvi	Rain water harvesting pit shall be at least 3 - 5 m above the highest ground water table.	The condition shall be complied accordingly.

xvii	Proponent shall keep the finish road level sufficiently elevated from ground level with provision of railing on both sides to restrict animal crossing in order to avoid the possibility of wildlife injury/death. Appropriate nos of animal safe passages as per the guideline framed by the Wildlife Institute of India and in consultation with Chief Wildlife Warden shall be provided.	The project is under construction, the condition is being complied accordingly.
xviii	As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the Public Hearing. The project proponent shall initiate the activities proposed by them, based on the commitment made in the Public Hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also become part of EMP and shall be implemented.	The project proponent shall abide by all the commitment made to address the concerns raised during the public hearing. The activities proposed by the project proponents based on the commitment made in the public hearing have been initiated and incorporated in the management plan.
	General Conditions as are mentioned in the Grant of Environmental Clearance (EC) along with IRC Guidelines	Status of Compliance
i	Cut and fill works shall be carried out strictly in accordance with the design drawings proposed at the time of appraisal of the project.	The condition is being complied.
ii	Sidewalk shall be provided along the bridges.	The project is under construction, in compliance of the condition sidewalk shall be provided along the bridges.
iii	The drain shall be at least 1m away from the toe of the embankment of the road adopting IRC guidelines. Longitudinal drains shall be provided all along the project road to ensure proper drainage of the area. In addition, adequate number of under passes and culverts to act as cross drainage structures shall also be provided.	The condition is being complied, the guidelines shall also be followed in this regard.

iv	Blasting shall be carried out during fixed hours (preferably during mid-day) or as permitted by the concerned authority. The timing shall be made known to all the people within 1000m (200m for pre-splitting) from the blasting site in all directions.	The condition is being complied.
v	Rain water harvesting including oil and grease trap shall be provided as prescribed by CGWB guidelines. Water harvesting structures shall be located at every 500m along the road. Vertical drain type rainwater harvesting structures shall be set up to minimize surface runoff losses of rainwater.	The Project is under construction, the condition shall be complied. Rain water harvesting structures including oil and grease trap shall be provided as prescribed by CGWB guidelines. Water harvesting structures shall be located at every 500m along the road. Vertical drain type rainwater harvesting structures shall be set up to minimize surface runoff losses of rainwater.
vi	The embankments/slopes and the slopes left after cutting shall be provided with vegetative growth to avoid soil erosion.	The condition shall be complied.
vii	Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leach into the ground water. The non-usable bitumen spoils shall be disposed off in a deep trench providing clay lining at the bottom and filled with soil at the top (for at least 0.5m).	The condition is being complied.
viii	Construction camps shall be proposed 500 m away from the nearest settlements to avoid conflicts and stress over the infrastructure facilities with the local community. Location for stockyards for construction materials shall be identified at least 1000m from water sources. Garbage tanks and sanitation facilities will be provided at camps.	The condition is being complied.


 08.06.2023
 (Dr. Mohd. Sikandar)
 Sr. Manager (Environment)


 01/6/23
 (श्री. चन्द्र वर्मा)
 अपर मुख्य कार्यपालक अधियारी
 गुरीडा

ANNEXURE-1

(Labour Welfare Facilities (Photographs))





Workers Accommodations



Workers Mess

washroom



First Aid Center & Ambulance



ANNEXURE -2

(Dust Suppression Measures (Photographs))



Covering of Conveyor belt and silos top to contain flying dust from RMC Plant.



Sedimentation Tank to Contain effluent Discharge from Concrete Batching Plant

DUST MITIGATION MEASURES



ANNEXURE 3

(Environmental Monitoring Report)



Prakriti Consultants Services

An Approved Laboratory From MoEF - CC & Uttar Pradesh Pollution Control Board
(An ISO 14001:2015, ISO 9001:2015 and ISO 45001:2018 Certified Organization)
Address: 12, Vishnupuri, Church Road, Aliganj, Lucknow-226024
E-mail: prakriti_md@rediffmail.com
Tel: 0522-4002545, Mobile: 09415518818,
GSTIN :- 09AAJFP5925G1ZY

Test Report for Drinking Water Quality						
ULR- TC824123000000234						
Report No. PCS/DWQ/01/2023		Reference No. PCS/L&T M/02/2023		Issue Date 06/03/2023		
1. Name & address of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola,Dist. Meerut,245206 Uttar Pradesh				
2. Type of industry		Construction		8. Method of Sampling		PCS/WI/SAMP/21
3. Sample collected by		Mr. Vipin & Mr.Sunil		9. Date of sampling		17/02/2023
4. Weather Condition		Clear Sky		10. Sample receipt in lab		26/02/2023
5. Sampling Location		RO Plant Canteen Camp-1		11. Date of Analysis		27/02/2023- 03/03/2023
6. Lab Code		PCS23/30/125		12. Sample Analyzed By		Ms. Alka Singh
7. Quantity of Sample		2 Litre				
Sl. No.	Parameters	Unit	Reference Method	Result	BIS Standard IS 10500:2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	-	APHA 4500H+ B	7.89	6.5 - 8.5	NR*
2.	Colour	Hazen	IS-3025(Part-4)	<5.0	5	15
3.	Odour	-	IS-3025(Part-5)	Odorless	Agreeable	Agreeable
4.	Turbidity	NTU	APHA-2130-B	0.32	1	5
5.	Conductivity	µmhos/cm	APHA 2510 B	580	---	---
6.	Total Dissolved Solid	mg/l	APHA 2540 C	348	500	2000
9.	Hardness as CaCO ₃	mg/l	APHA 2340 C	176	200	600
10.	Alkalinity	mg/l	APHA 2320 B	220.8	200	600
11.	Chloride as Cl	mg/l	APHA 4500-Cl,B	15.7	250	1000
12.	Sulphate as SO ₄	mg/l	APHA 4500-SO ₄	24.3	200	400
13.	Nitrate as NO ₃	mg/l	APHA 4500-B	31.5	45	NR*
14.	Fluoride	mg/l	APHA 4500-F,C	0.25	1.0	1.5
15.	Calcium as Ca	mg/l	APHA 3500-Ca,	46.5	75	200
16.	Magnesium as Mg	mg/l	APHA 3500-Mg,E	14.6	30	100
17.	Sodium as Na	mg/l	APHA 3500-Na,D	48.5	---	---
18.	Potassium as K	mg/l	APHA 3500-K,D	6.3	---	---
19.	Copper as Cu	mg/l	APHA 3111-Cu, B	<0.05	0.05	1.5
20.	Chromium as Cr	mg/l	APHA 3111-Cr, B	<0.05	0.05	NR*
21.	Cadmium as Cd	mg/l	APHA 3111-Cd, B	<0.008	0.003	NR*
22.	Iron as Fe	mg/l	APHA 3111-Fe,B	0.086	0.3	NR*
23.	Nickel as Ni	mg/l	APHA 3111-Ni,B	<0.02	0.02	NR*
24.	Lead as Pb	mg/l	APHA 3111-Pb,B	<0.01	0.01	NR*
25.	Zinc as Zn	mg/l	APHA 3111-Zn, B	0.43	5	15
26.	Manganese (as Mn)	mg/l	APHA 3111-Mn,B	<0.02	0.1	0.3

*NR-No Relaxation
Note: It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible' limit in the absence of alternative source above which the sources will have to be rejected.

Note:

1. The results in the Test Report relate only to the items tested.
2. The report shall not be reproduced except in full, without the written permission of laboratory.
3. The report shall not be used for any other purpose than declared by the Sponsor.
4. Prakriti Consultaris Services is not regulatory agency hence no part of this report should be used for legal purpose under any circumstances.
5. No deviation as per the Standard Method

Authorized Signatory

(Dr. Divya Misra)

Managing Director

"End of this Test Report"

Services Available:
Environmental Monitoring, Preparation of EIA/EMP, Baseline data generation for Air, Water, Soil, Noise & Meteorology
Environmental and Safety Audit reports, Erection, Operation and Maintenance of STP/ETP, Clearances from
Ground Water Board, Compliance of E.C., NDC from E.P.C.B. etc.

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Prakriti Consultants Services

An Approved Laboratory Under MoEF, CC & Uttar Pradesh Pollution Control Board
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Tel: 0522-4062545, Mobile: 99115518818,
GSTIN: 09AAJPS9296JZY

Test Report for Ambient Noise Monitoring

ULR- TC824123000000232



Report No. PCS/ANQ/01/2023		Reference No. PCS/L&T/02/2023		Issue Date 06/03/2023
1. Name of Industry		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37,Hapur-Kithaur Road, Opp.jai Doon Public School, Atola, Dist. Meerut,245206 UP		
2.Type of Industry		Construction	7.Method of Sampling	PCS/WI/SAMP/20
3.Sampling Location		06 Locations	8.Date of Monitoring	13/02/2023-17-02-2023
4. Monitoring done by		Mr. Vipin & Mr. Sunil	9.Sample Receipt in Lab	26/02/2023
5. Weather Condition		Clear Sky	10.Date of Analysis	-
6.Lab Code		PCS23/15/145-150	11.Sample Analyzed By	Mr. Vipin
	Reference Method: IS-9989, 1981		Noise Level leq dB(A)	Noise Level leq dB(A)
S. No.	Location		Day	Night
1.	Camp-1 Concrete Plant 120, Vill-Atola		59.4	46.5
2.	Camp-1 WMM Plant, Vill- Atola		57.6	44.8
3.	CH: 12+ 754 SVUP, Vill-Khorkhori		56.5	46.0
4.	CH: 15+ 300 SVUP, Vill- Badholi		59.4	45.7
5.	CH: 23+ 350 SVUP, Vill- Gohra(School)		57.9	44.3
6.	Camp-2 Office Area, Thera		55.7	47.8
* Standard (Ambient Noise)				
Industrial area			75	70
Commercial area			65	55
Residential area			55	45
Silence Zone			50	40

*The Noise Pollution (Regulation and Control) Rules, 2000

Note: - 1. Day time shall mean from 6.00 a.m. to 10.00 p.m.

2.Night time shall mean from 10.00 p.m. to 6.00 a.m.

3.Silence zone is an area comprising not less than 100 metres around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority

4.Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing. A "decibel" is a unit in which noise is measured.

"A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

Authorized Signatory

(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Services Provided

Environmental Monitoring, Preparation of EIA/EMP, Baseline data generation for Air, Water, Soil, Noise & Meteorology
Environmental and Safety Audit reports, Consulting, Erection, Operation and Maintenance of STP/ETP, Clearance from
Ground Water Board, Compliance of E.C. MOC from UP PCB, MoEF

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Prakriti Consultants Services

An Approved Laboratory From MoEF - CC & Uttar Pradesh Pollution Control Board
(An ISO 14001:2015, ISO 9001:2015 and ISO 45001:2018 Certified Organization)
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E-mail: prakriti_md@praktifmail.com
Tel: 0522-4902545, Mobile: 99415518818,
GSTIN: 09AAJFP5925G1ZY

Test Report for Ambient Air Quality					
ULR- TC824123000000216					
Report No. PCS/AAQ/01/2023		Reference No. PCS/L&T/02/2023		Issue Date 06/03/2023	
1. Name of Industry & Address		M/s Larsen and Toubro Limited, Camp Office at KM-18, Khasra No.37, Hapur-Kithaur Road, Opp. Jai Doon Public School, Atola, Dist. Meerut, 245206 UP			
2. Type of Industry :		Construction		7. Method of Sampling:	
3. Sampling Location:		Camp-1 Concrete Plant		8. Date of Monitoring :	
4. Monitoring done by:		Mr. Vipin & Mr. Sunil		9. Sample Receipt in Lab:	
5. Weather Condition :		Clear Sky		10. Date of Analysis:	
6. Lab Code:		PCS23/15/124		11. Sample Analyzed By:	
Sl. No.	Parameters	Unit	Result	Standards*	Method of Measurement
1	Particulate Matter (PM ₁₀)	($\mu\text{g}/\text{m}^3$)	88.5	100	IS: 5182 Part (23):2006
2	Particulate Matter (PM _{2.5})	($\mu\text{g}/\text{m}^3$)	45.3	60	IS 5182 (Part-24) :2019
3	Sulphur Dioxide (SO ₂)	($\mu\text{g}/\text{m}^3$)	13.2	80	IS : 5182 (Part-2):2006
4	Nitrogen Dioxide (NO ₂)	($\mu\text{g}/\text{m}^3$)	23.9	80	IS: 5182 (Part 6):2006

*NAAQS CPCB Notification, dated 18.11.2009
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5. No deviation as per the Standard Method.

Authorized Signatory

(Dr. Divya Misra)
Managing Director

"End of this Test Report"

Test Report

Issued To M/s CDS Infra Projects. Ltd.
Camp-01, Plot No.533, Sambhal-Anup Shahar
Road, Village Khirani, Mohiuddinpur
Distt. Sambhal-244303, UP, INDIA

ULR No. TC636623000001208F
Test Report Date: 12/04/2023

Project: Development of an Access Controlled Six Lane (expandable to Eight Lane) Green Expressway from Meerut to Prayagraj*
Ganga Expressway* from Km 70+000 to Km137+600 in the State of Uttar Pradesh (Group-1B).

Sample Particulars

Nature of the Sample
Date of Sampling
Purpose of Monitoring
Method of Sampling
Monitoring Conducted By

Ambient Noise

03/04/2023
To Check the Pollution Load
IS 9889
NL

Analysis Report

Sr. No.	Location	Test Result dB(A) Day Time	Test Result dB(A) Night Time
	Permissible Limit in *dB(A) Leq for Industrial Area	75 dB(A)	70dB(A)
1	Batching Plant at Camp-2	71.4	62.6

Remark:
*dB (A) Leq denotes the time weighted average of the level of sound in decibel on scale 'A' which is reliable to human hearing.
CPCB = Central Pollution Control Board

Note: The Noise Ambient Air Quality Standards are given for reference

Area Code	Category of Area	Limits dB (A) Leq	
		Day Time (6AM - 10PM)	Night Time (10PM - 06AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40



TC-636



(AUTHORISED SIGNATORY)

(RAVINDER MITTAL)

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Test Report

Issued To **M/s CDS Infra Projects, Ltd.**

Camp-01, Plot No.533, Sambhal-Anup Shahar
Road, Village Khirani, Mohuiddinpur
Distt. Sambhal-244303, UP, INDIA

ULR No.

TC635623000001185F

Test Report Date:

12/04/2023

Project: Development of an Access Controlled Six Lane (expandable to Eight Lane) Green Expressway from Meerut to Prayagraj
Ganga Expressway* from Km 70+000 to Km137+600 in the State of Uttar Pradesh (Group-1B)

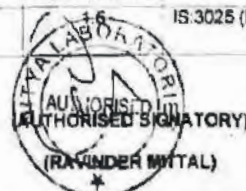
Sample Particulars

Nature of the Sample	Drinking Water
Sample Quantity & Packaging	1 Liter, Pet Bottle
Sample Received at Lab	: 08/04/2023
Test Started on	: 08/04/2023
Test Completed	: 11/04/2023
Method of Sampling	SOP/B/D-3
Date of Sampling	03/04/2023
Place of Sampling	Camp-1

Analysis Report

Sr. No.	Parameters	Unit	Test Results	Requirement IS:10500		Protocol
				Desirable	Permissible	
1.	pH	-	7.70	6.5-8.5	6.5-8.5	IS:3025 (P-11)
2.	Color	Hazen	<5	5	15	IS:3025 (P-4)
3.	Odour		Agreeable	Agreeable	Agreeable	IS:3025 (P-5)
4.	Turbidity	NTU	<1	1	5	APHA 23 rd Ed.
5.	Total Dissolved Solids	mg/l	400	500	2000	IS:3025 (P-16)
6.	Total Hardness as (CaCO ₃)	mg/l	170	200	600	IS:3025 (P-21)
7.	Total Alkalinity as CaCO ₃	mg/l	155	200	600	IS:3025 (P-23)
8.	Chlorides as Cl	mg/l	100	250	1000	IS:3025(P-32)
9.	Sulphate as SO ₄	mg/l	10.80	200	400	APHA 23 rd Ed.
10.	Nitrates as NO ₃	mg/l	1.02	45	No Relaxation	IS:3025 (P-34)
11.	Calcium as Ca	mg/l	40	75	200	IS:3025 (P-40)
12.	Magnesium as Mg	mg/l	17.01	30	100	APHA 23 rd Ed.
13.	Residual Free Chlorine	mg/l	ND [DL- 0.2]	0.2	1	IS:3025 (P-26)
14.	Total Ammonia	mg/l	0.20	0.5	No Relaxation	IS:3025 (P-34)
15.	Fluoride as F	mg/l	ND [DL- 0.1]	1.0		IS:3025 (P-60)

TC-636



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ISO 9001 : 2015, ISO 14001 : 2015 & ISO 45001 : 2018 Certified Laboratory

ULR No.: TC733423000000210F

Date: 11/03/2023

Sample ID: NES230306047

TEST CERTIFICATE NOISE LEVEL MONITORING DATA

Issued to	Client	Uttar Pradesh Expressways Industrial Development Authority (IPEIDA)
	Authority Engineer	M/s. MSV International Inc
	EPC Contractor	M/s. Adani Road Transport Limited
	Contractor	M/s. H. G. Infra Engineering Limited
Name of Project		Development of "Ganga Expressway" (Group-II) an Access-Controlled Six Lane (Expandable to Eight Lane) Greenfield Expressway from Meerut to Prayagraj from Km. 137+600 to Km. 289+300 (total design length-151.700 Km) in the State of Uttar Pradesh on DBFOT (Toll) Basis.
Address		Opposite Ghatpuri Railway Station, Binawar, Badaun, Uttar Pradesh, Pin-243601
Industrial Activity		Road Construction

MONITORING DETAILS

Sampling Location	Near Accommodation at Camp, Chainage 282 + 000, Rupapur
Date of Sampling	04/03/2023
Ambient Temperature	Max. 30°C & Min. 16°C
Relative Humidity	49%
Weather Conditions	Clear Sky
Control Measures, if any	Nil
Protocol	IS 9989: 1981 (Reaffirmed Year 2014)

RESULTS

Sl. No.	Parameter	Unit	Noise level Measured	CPCB Standards	Test Protocol
1.	Noise Level Day Time: L_{day}	dB (A)	53.8	55.0	IS 9989: 1981 RA 2014
2.	Noise Level Night Time: L_{night}	dB (A)	42.6	45.0	

Note: Standards as per CPCB Norms

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(Saurabh Sharma)
Review By



(Jag Mohan Sharma)
Authorized Signatory

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ULR No.: TC733423000000228F		Date: 11/03/2023		
Sample ID: NES230306065				
TEST CERTIFICATE WATER QUALITY ANALYSIS				
Issued to	Client	Uttar Pradesh Expressways Industrial Development Authority (UPEIDA)		
	Authority Engineer	M/s. MSV International Inc.		
	EPC Contractor	M/s. Adani Road Transport Limited		
	Contractor	M/s. H. G. Infra Engineering Limited		
Name of Project		Development of "Ganga Expressway" (Group-II) an Access-Controlled Six Lane (Expandable to Eight Lane) Greenfield Expressway from Meerut to Prayagraj from Km. 137+600 to Km. 289+300 (total design length-151.700 Km) in the State of Uttar Pradesh on DBFOT (Toll) Basis.		
Address		Opposite Gharipuri Railway Station, Binawar, Badaun, Uttar Pradesh, Pin-243601		
Industrial Activity		Road Construction		
SAMPLE IDENTIFICATION DETAILS				
Sampling Type		Borewell Water		
Sampling Location		Near Casting Yard at Camp, Chainage 208 + 200, Dataganj		
Sample Description		Clear & Colorless Liquid		
Sample Quantity		1.0 Litres		
Sample Condition		Sealed & Refrigerated		
Date of Sample Collection		02/03/2023		
Period of Testing		06/03/2023 to 11/03/2023		
TEST RESULTS				
Sl. No.	Parameters	Unit	Values Found	Test Method
A. Physical Parameters				
1.	pH	-	7.44	IS 3025 (P-11):1983, RA 2017
2.	Odour	-	Agreeable	IS 3025 (P-05):2018
3.	Turbidity (NTU)	NTU	< 1	IS 3025 (P-10):1984, RA 2017
4.	Total Solids	-	597.80	IS 3025 (P-15):1984, RA 2019
5.	Total Dissolved Solids	mg/l	591.20	IS 3025 (P-16):1984, RA 2017
6.	Total Suspended Solids	mg/l	6.6	IS 3025 (P-17):1984, RA 2017
B. General Parameters				
7.	Total Hardness	mg/l	148.03	IS 3025 (P-21):2009, RA 2019
8.	Total Alkalinity	mg/l	322.35	IS 3025 (P-23):1986, RA 2019
Review By		Authorized Signatory		

(Saurabh Sharma)

Review By



(Jag Mohan Sharma)

Authorized Signatory

HG Infra / March 23/ BW Water/ Chainage 208 + 200/ Page 1 of 2



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ULR No.: TC733423000000185F

Date: 11/03/2023

Sample ID: NES230306023

TEST CERTIFICATE AMBIENT AIR QUALITY MONITORING

Issued to	Client	Uttar Pradesh Expressways Industrial Development Authority (UPEIDA)
	Authority Engineer	M/s. MSV International Inc.
	EPC Contractor	M/s. Adani Road Transport Limited
	Contractor	M/s. H. G. Infra Engineering Limited
Name of Project		Development of "Ganga Expressway" (Group-II) an Access-Controlled Six Lane (Expandable to Eight Lane) Greenfield Expressway from Meerut to Prayagraj from Km. 137+600 to Km. 289+300 (total design length-151.700 Km) in the State of Uttar Pradesh on DBFOT (Toll) Basis.
Address		Opposite Ghatpuri Railway Station, Binawar, Badaur, Uttar Pradesh, Pin-243601
Industrial Activity		Road Construction

SAMPLE IDENTIFICATION DETAILS

Sampling Location	Near Accommodation at Camp, Chainage 189 + 200, Binawar
Date of Sampling	01/03/2023
Ambient Temperature	Max. 31°C & Min. 18°C
Relative Humidity	49%
Weather Conditions	Clear Sky
Period of Testing	06/03/2023 to 11/03/2023

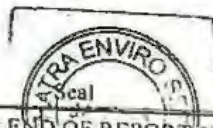
TEST RESULTS

Sl. No.	Parameters	Values Found	SPCB Limits	Unit	Protocol
1.	PM ₁₀	84.56	100	µg/m ³	IS 5182 (P-23):2006 (RA 2017)
2.	PM _{2.5}	41.28	60	µg/m ³	As per CPCB guidelines
3.	Sulphur dioxide (SO ₂)	9.42	80	µg/m ³	IS-5182 (P-02):2001 (RA 2017)
4.	Oxides of Nitrogen (NO _x)	27.16	80	µg/m ³	IS 5182 (P-06):2006 (RA 2017)
5.	Carbon Monoxide (CO)	0.65	2.00	mg/m ³	IS 5182 (P-10):1999 (RA 2019)

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Saurabh
(Saurabh Sharma)
Review By



*** END OF REPORT ***

Jag Mohan
(Jag Mohan Sharma)
Authorized Signatory



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TEST REPORT

Form No-7.84-21

Report No. RP/1/30225001	Sample code SMPL/AAQ/230225001	Report issue date 01/03/2023
-----------------------------	-----------------------------------	---------------------------------

SAMPLING DETAILS

1. Name and Address of Customer:	M/s Patel Infrastructure Ltd. Ganga Express Way Project (Phase-I) (33)
2. Sampling Location:	Package-07 at Camp-I Cha-334+000
3. Type of Sample:	Ambient Air
4. Date of sampling: 22/02/2023-23/02/2023	Sampling Period: 24 hr
5. Sample collected by:	SRIPL TEAM
6. Method of Sampling:	SRI/QR/SP/01
7. Packing condition:	Sealed
8. Laboratory Sample Receiving date:	25/02/2023
9. Period of Sample analysis:	25/02/2023-01/03/2023
10. Sampling Machine Placed:	3.0 m above the ground level

CLIMATICALLY CONDITION

Wind Direction	N-W
W. Humidity (%)	36
W. Ambient Temperature (°C)	14
Environmental condition	Ambient Condition
Wind speed (km/hr)	3.0

AMBIENT AIR ANALYSIS RESULTS

S. No.	Parameter	Test Method	Result	Unit	Standards limits (24 hours)
1	Respirable Particulate Matter (PM ₁₀)	IS 5182 Part 23, 2006	85.0	µg/m ³	100
2	Respirable Particulate Matter (PM _{2.5})	CPCB, Volume-I	50.5	µg/m ³	50
3	Sulphur Dioxide (SO ₂)	IS 5182 Part 23	16.0	µg/m ³	50
4	Nitrogen Oxides (as NO ₂)	IS 5182 Part 6	26.5	µg/m ³	50

(Reviewed By)

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TEST REPORT

LLR/Report No	Sample code	Report issue date
RI/T-230225007	SMPL/DWQ/230225004	01/03/2023

SAMPLING DETAIL

1. Name and Address of Customer:	Patel Infrastructure Ltd. Ganga Express Way Project (PLANT-1130)
2. Sampling Location:	Package -7 At Camp-01 Near Mess to Chn. 324-0000
3. Type of Sample:	Drinking Water
4. Date of sampling:	23/02/2023
5. Sample collected by:	SRLPT Team
6. Method of Sampling:	SRL/OR/SP/01
7. Packing condition:	Sealed Container
8. Laboratory Sample Receiving date:	23/02/2023
9. Period of Sample analysis:	23/02/2023-01/03/2023

DRINKING WATER TESTING RESULT

Sr. No.	Parameters	Reference Method	Unit	Result	BIS Standard IS 10500: 2012	
					Requirement (Acceptable limit)	Permissible limit in the absence of alternate source
1.	pH	IS 3025 P.11	-	7.72	6.5-8.5	NR*
2.	Hardness	IS 3025 P.10	MH	BDL	-	-
3.	Electrical Conductivity	IS 3025 P.14	µmhos/cm	219	-	-
4.	Total Suspended Solids	IS 3025 P.17	mg/l	NH	-	-
5.	Total Dissolve Solids	IS 3025 P.16	mg/l	102	500	1000
6.	Total Solids	IS 3025 P.15	mg/l	102	-	-
7.	Total Hardness as CaCO ₃	IS 3025 P.21	mg/l	92.0	200	300
8.	Calcium as Ca	IS 3025 P.20	mg/l	24.2	75	250
9.	Magnesium as Mg	IS 3025 P.26	mg/l	7.65	30	100
10.	Total Alkalinity as CaCO ₃	IS 3025 P.23	mg/l	130	200	500
11.	Chloride as Cl	IS 3025 P.32	mg/l	10.99	250	1000
12.	Sulphate as SO ₄	IS 3025 P.24	mg/l	10.10	200	400
13.	Nitrate as NO ₃	IS 3025 P.34	mg/l	7.15	45	NR*
14.	Fluoride as F	IS 3025 P.60	mg/l	0.1	-	1.5
15.	Residual Free Chlorine	IS 3025 P.26	mg/l	NH	0.2	-
16.	Iron as Fe	IS 3025 P.53	mg/l	NT	0.3	1000
17.	Sodium as Na	APHA 3500/Na.H	mg/l	10.0	-	-
18.	Potassium as K	APHA 3500/K.B	mg/l	6.0	-	-

NR = Below Detection Limit NH = No Reaction NT = No Titration

END OF REPORT

(Reviewed By)



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TEST REPORT

Report No	Sample code	Report issue date
RPT-230225008	SMP/DWQ/230225005	01/03/2023
SAMPLING DETAIL		
1. Name and Address of Customer:	Patel Infrastructure Ltd. Ganga Express Way Project (PLANT-1159)	
2. Sampling Location:	Package-7 At Camp-7 Near Office No. Cha 324-000	
3. Type of Sample:	Ground Water	
4. Date of sampling:	25/02/2023	
5. Sample collected by:	SRI PL Team	
6. Method of Sampling:	SRI-QR/SP/11	
7. Packing condition:	Sealed	Quantity Of Samples: 2 Liters/HDPK
8. Laboratory Sample Receiving date:	25/02/2023	
9. Period of Sample analysis:	25/02/2023-01/03/2023	
10. Humidity (%)	68	Ambient Temperature (°C) 20

GROUND WATER TESTING RESULT

Sl. No.	Parameters	Reference Method	Unit	Result	BIS Standard IS 10500:2012 Requirement (Acceptable limit)	Permissible limit in mg/l (Maximum admissible concentration)
1.	pH	IS 3025 P.1	-	7.7	6.5-8.5	-
2.	Hardness	IS 3025 P.10	mg/l	801	1	-
3.	Total Hardness	IS 3025 P.14	mg/l	875.0	-	-
4.	Total Suspended Solids	IS 3025 P.37	mg/l	NH	-	-
5.	Total Dissolve Solids	IS 3025 P.16	mg/l	148.0	500	5000
6.	Total Solids	IS 3025 P.45	mg/l	148.0	-	-
7.	Total Hardness as CaCO ₃	IS 3025 P.21	mg/l	170.0	500	5000
8.	Calcium as Ca	IS 3025 P.40	mg/l	55.34	75	200
9.	Magnesium as Mg	IS 3025 P.46	mg/l	7.70	30	100
10.	Total Alkalinity as CaCO ₃	IS 3025 P.23	mg/l	205.0	200	500
11.	Chloride as Cl ⁻	IS 3025 P.22	mg/l	20.08	250	1000
12.	Sulfate as SO ₄ ²⁻	IS 3025 P.23	mg/l	20.90	200	500
13.	Fluoride as F ⁻	IS 3025 P.24	mg/l	9.0	45	100
14.	Urea Nitrogen	IS 3025 P.60	mg/l	NT	1	1
15.	Ammonia Nitrogen	IS 3025 P.26	mg/l	NT	0.5	100
16.	Cyanide as C ₂	IS 3025 P.55	mg/l	0.08	0.3	100
17.	Selenium as Se	APHA 4500-Se.H	mg/l	15.0	-	-
18.	Iron as Fe	APHA 5800-Fe.H	mg/l	8.0	-	-

NT = Not Determined, Limit NH = No Requirement, NT = Not Testable

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-END OF REPORT-

(Reviewed By)

- The quality of the report is based on the sample and sampling method.
- This Certified report is to be reproduced, altered or put in promotional publicity or legal purpose without permission.
- The sample will be destroyed within 24 hours from the date of issue of this report unless otherwise specified.
- All Discrepancy found in the test Report will be communicated within Seven days.



Head Office: Plot 1, Sector 14, Gurgaon, Haryana, India. 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TEST REPORT

Report No	Sample code	Report issue date
RPT/230225009	SMPL/AA/N/230225006	01/03/2023
SAMPLING DETAILS		
1. Name and Address of Customer:	M/s Patel Infrastructure Ltd. Ganga Express Way Project (Plant-1) (30)	
2. Type of Sample :	Ambient Noise	
3. Date of sampling :	22/02/2023-23/02/2023	
4. Sample collected by:	SRLPL Team	
5. Method of Sampling :	SRL/QR/SP/01	
6. Laboratory Data Receiving date:	25/02/2023	
7. Period of Data analysis:	25/02/2023-01/03/2023	

AMBIENT NOISE RESULT

Noise Location	Day			Night		
	L ₅₀	L ₅₀ α	L _{eq}	L ₅₀	L ₅₀ α	L _{eq}
Location - 7 At Camp-1 Near Accommodation (p) (Time 24.000)	79.40	60.80	72.8	69.90	50.70	60.7

Noise (Ambient Standard)

Area Code	Category of Area	Limit in dB (A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

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 4. Any Discrepancy found in the Test Report may be communicated within Seven Days.

(Page 1)

~END OF REPORT~

(Reviewed By)



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Recognized by NABL as per ISO/IEC 17025:2017

Recognized by MOEFCC (Govt. of India) under EPA (HAB) (Waste) No. LB/SST/2021-Sushab-HQ-CPOB-HQ/Pat-322/92



TEST REPORT

U/LR/Report No		Form No-78901	Report issue date
RPT/230225013		Sample code	01/03/2023
		SMPL/SQ/230225010	
SAMPLING DETAIL			
1	Name and Address of Customer:	M/s Patel Infrastructure Ltd. Ganga Express Way Project (Plant-I - 40)	
2	Sampling Location:	Package-7 At Camp-1 Near Plant Area @ Cha 324+000	
3	Type of Sample:	Soil	
4	Date of sampling:	25/02/2023	
5	Sample collected by:	SRLPL Team	
6	Method of Sampling:	SRL/QR/SP/01	
7	Packing condition:	Sealed	Container: 2 kg/PP Bag
8	Laboratory Sample Receiving date:	25/02/2023	
9	Period of Sample analysis:	25/02/2023-01/03/2023	

SOIL TESTING RESULT

Sr. No.	Parameters	Unit	Test Method	Result
1.	pH	-	IS:2720(PART-26):2011	8.11
2.	Conductivity	µmhos/cm	IS:14787:2000:2016	0.235
3.	Moisture content	%	IS:2720(PART-2):2015	9.8
4.	Organic Matter	%	IS:2720(PART-22):2015	2.00
5.	Water Holding Capacity	%	ISLIS Method	58.5

Soil Test Details: 100g, SRP (Soil Replacer) NTC-50, Traceable

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- The result (find) refer only to tested Sample and specified Parameters.
- This Report is not to be reproduced without prior written permission of SISHODIA.
- The Sample will be destroyed after 21 days from date of issue of report unless otherwise specified.
- Any discrepancy found in the test Report may be communicated within seven days.



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TEST REPORT

FORMAT NO. ECOQS/FORMAT/08

NAME & ADDRESS OF CUSTOMER:	ITD Cementation India Limited Project- Gauga Expressway Package-3 (Lafaa), Barbareli	ULR No.	TC95392500007861F
		Test Report No.	ECO/LAB/AA/8918/7861/02/2023
		Issue Date of Test Report	23.02.2023
Type of Sample	Ambient Air Sample		
Sample Registration No.	818	Name of Location	Near Blaching Plant
Sampling Method	Air per Reference Method	Sample Collected By	EL-PL Representative
Date of Sample Collection	13.02.2023	Time of Sample Collection	10:20 AM
Date of Sample Received	16.02.2023	Time of Sample Received	10:40 AM
Start Date of Analysis	16.02.2023	End Date of Analysis	21.02.2023
Weather Condition	Sunny	Sampling Duration	24Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/7861/02/2023
	Humidity: 50%		
Instrument used and Cal. status	RDS & FDS - CAL Due on 01.06.2023		

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter (PM ₁₀) µg/m ³	IS:5183(Part-23)	2-1000	98.36	100
2.	Particulate Matter (PM _{2.5}) µg/m ³	IS:5183(Part-24)	2-100	58.58	60
3.	Sulphur Di-Oxide (SO ₂) µg/m ³	IS:5182 (Part-2)	5-200	15.20	80
4.	Nitrogen Di-Oxide (NO ₂) µg/m ³	IS:5182 (Part-6)	5-200	24.80	80
5.	Lead(Pb) µg/m ³	IS 5182:Part 22:2019	1-100	<1.0	1.0

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

—End of Report—

Verified By


Technical Manager

Authorized By



Quality Manager

Ecomen Laboratories Pvt. Ltd.
Second Floor Mall, House No. B-10,
Sector H, Aliganj, Lucknow-226024

ECOMEN LABORATORIES PVT. LTD.

Second Floor Hall, House No. B-1/8, Sector-H, Aliganj, Lucknow - 226 034

Phone No. : 0522 - 4078201/2740282

E-mail: contactus@ecomen.in, Website: www.ecomen.in, CIN : U74210UP1989PTC010601, GSTIN : 09AAACE6070H1Z1

ecoMen
LABORATORIES PVT LTD.

An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi.

TEST REPORT

FORMAT NO. ECU/08/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	ITD Cementation India Limited Project - Ganga Expressway Package-X Lalganj, Raebareilly	Test Report No.	ECO/LAB/AN/918/786482/2023
Type of Sample	Noise Measurement	Issue Date of Test Report	22.02.2023
Sample Registration No.	918	Name of Location	Near Baiting Plant
Sampling Method	IS: 4412, Part-1 & part 2, 1991	Sample Collected By	CI PL Representative
Date of Sample Collection	13.02.2023	Time of Sample Collection	-
Date of Sample Received	14.02.2023	Time of Sample Received	10.40 AM
Start Date of Analysis	16.02.2023	End Date of Analysis	21.02.2023
Weather Condition	Sunny	Sampling Duration	24hrs
Environmental Condition	Temperature: 25 ± 2°C Humidity: 56%	Sample ID Code	ECO/LAB/786482/2023
Instrument Name & Lab ID	Sound Level Meter	ECU/3M/02 (Due Date of Calibration: 25.08.2023)	

Sl. No.	Time (DAY Hrs.)	Noise Level in dB(A)					
		Leq	L ₁₀	L ₅₀	L ₉₀	L _{min}	L _{max}
1.	10.50-11.55	75.0	75.64	70.50	67.50	65.00	76.0
2.	11.55-12.55	71.58	69.30	66.40	64.70	63.30	72.00
3.	13.10-14.10	67.20	65.40	62.80	60.54	59.70	69.50
4.	15.20-16.40	72.60	68.28	66.50	65.14	61.58	74.28
5.	16.40-17.45	72.56	70.24	67.60	62.80	58.00	74.25
6.	17.45-18.55	66.38	65.40	61.80	57.60	55.90	67.14
Av. Leq Value in dB (A)		70.88	69.04	65.90	63.04	60.94	72.19

Sl. No.	Time (NIGHT Hrs.)	Noise Level in dB(A)					
		Leq	L ₁₀	L ₅₀	L ₉₀	L _{min}	L _{max}
1.	22.10-23.20	61.28	57.13	54.80	52.90	50.75	63.82
2.	23.50-00.10	62.80	60.10	58.52	55.78	53.24	65.20
3.	00.20-01.20	64.28	61.47	57.28	55.70	53.40	67.25
4.	01.30-02.20	56.90	54.20	52.90	50.20	48.68	58.50
5.	02.20-03.20	52.80	50.71	48.50	46.10	45.18	54.20
6.	03.10-04.20	59.20	53.26	52.86	47.30	45.90	61.48
Av. Leq Value in dB (A)		59.54	56.51	54.14	51.33	49.52	61.74

Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Noise (Ambient Standard)

Area Code	Category of area	Limit in dB (A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70

Note:

- Day time is reckoned as between 8:00 AM and 10:00 PM.
- Night time is reckoned as between 10:00 PM and 6:00 AM.
- Silence zone is defined as area up to 100m around such premises as hospitals, educational institutions & courts. The silence zones are to be declared by a competent authority.
- Mixed categories of areas should be declared as one of the four above-mentioned categories by the competent authority and the corresponding standard shall apply.

---End of Report---

Verified By

Technical Manager

Authorized By

Quality Manager

Ecomen Laboratories Pvt. Ltd.
Second Floor Hall, House No. B-1/8,
Sector-H, Aliganj, Lucknow - 226034

ANNEXURE-4

(Statutory Environmental Compliance documents)



Uttar Pradesh Pollution Control Board

Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone: 0522-2720828, 2720831, Fax: 0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

163679/UPPCB/Bareilly(UPPCBRO)/CTO/both/BADAUN/2022

Date: 15/09/2022

To,

M/s

HG INFRA ENGINEERING LIMITED

VILL-PAPAD HAMZAPUR FIROZPUR ARIL, BUDAUN, 243635

Application Id-
17680382

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to HG INFRA ENGINEERING LIMITED located at VILL-PAPAD HAMZAPUR FIROZPUR ARIL, BUDAUN, 243635. subject to the provisions of the Water Act, Air Act and the orders that may be made further and subject to following terms and conditions :-

1. This CCA HG INFRA ENGINEERING LIMITED granted for the period from 15/09/2022 to 31/07/2025 and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	HOT MIX PLANT (B.M.P.)	180	Metric Tonnes/Hour
2	BATCHING PLANT (R.M.C.)	120	Metric Tonnes/Hour
3	WMM PLANT	300	Metric Tonnes/Hour

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	0.6	Septic Tank	

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
-------	-----------	----------

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be

stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
-------	------------	-----------

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	HOT MIX PLANT	COAL, WOOD, SCRAP	01	Particulate Matter	30 Meter From Ground Level
2	D.G. SET CAPACITY 500 K.V.A, 250 K.V.A. & 125 K.V.A.	DIESEL	03	Particulate Matter	AS PER BOARD NORNIS AS PER EP ACT 1986

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	01	Particulate Matter	AS PER BOARD NORNIS AS PER EP ACT 1986

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

- Environment Statement in Form-V of Environment (Protection) Rules, 1986.
- Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
-------	------------	-----------

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	D.G. SET CAPACITY 500 K.V.A, 400 K.V.A, 250 K.V.A & 125 K.V.A	DIESEL	04	Particulate Matter	AS PER BOARD NORNS AS PER EP ACT 1986

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	04	Particulate Matter	AS PER BOARD NORNS AS PER EP ACT 1986

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

shall be initiated against the applicant.

5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof

6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.

7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.

8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.

9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.

10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.

11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point

12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

ROHIT SINGH Digitally signed
by ROHIT SINGH
Date: 2022.09.15
17:55:35 +05'30'

Regional Officer
U.P.P.C.B. Bareilly

Copy to:

Chief Environment Officer, (Circle-7), U.P. Pollution Control Board, Lucknow For Kind Information.

Regional Officer
U.P.P.C.B. Bareilly



255

Uttar Pradesh Pollution Control Board
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

163675/UPPCB/Bareilly(UPPCBRO)/CTO/both/SHAHJAHANPUR /2022

Date: 14/09/2022

To,

M/s

HG INFRA ENGINEERING LIMITED

**VILL- GULDIYA TEHSIL- JALALABAD DIST-
SHAHJAHANPUR,SHAHJAHANPUR,242221**

Application Id-
17679594

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to **HG INFRA ENGINEERING LIMITED** located at **VILL- GULDIYA TEHSIL- JALALABAD DIST-SHAHJAHANPUR,SHAHJAHANPUR,242221**. subject to the provisions of the Water Act, Air Act and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **HG INFRA ENGINEERING LIMITED** granted for the period from **14/09/2022** to **31/07/2025** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	BATCHING PLANT (R.M.C)	180	Metric Tonnes/Hour
2	WMM PLANT	300	Metric Tonnes/Hour
3	HOT MIX PLANT (B.M.P.)	180	Metric Tonnes/Hour

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	02	Septic Tank	

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
-------	-----------	----------

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.
6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will result in legal action under the aforesaid Acts and Rules.
7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.
8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

Specific Conditions:-

- 1- Strict compliance of points as described below are to be ensured and the compliance report should be submitted within a month.
- 2- The industry should be installed water meter at different points of water supply source.
- 3- This consent is valid for production capacity of HOT MIX PLANT (BMP) CAPACITY 180 MT/HR, WET MIX PLANT 300 MT/HR, & RMC (BATCHING) 120 MT/HR Only.
- 4- Environment statement should be submitted within time frame.
- 5- Unit must have an Air pollution control system with Proper Suction hoods, Suction Wet scrubber collector along with 30 meter stack height from ground level on a Hot mix plant. Unit should ladder, plate form and port hole in 30 meter height Stack for Monitoring. Unit should DG sets of 500 K.V.A , 250 K.V.A. & 125 K.V.A. along with Acoustic Enclosure with 4.5 meter Stack Height from the nearest roof level.
- 6- Air pollution control system such as Equisetic enclosure, Chimney should be installed, operated and maintained in such a way that pollution quality has to be within Board norms
- 7- Rain Water harvesting system for conservation of ground water should be installed and submit the compliance report within two month time.
- 8- This consent is issued purely from environmental angle and the Board shall not be responsible for any claim, counter claim, ownership, partnership etc of the unit.
- 9- Domestic effluent 0.8 KLD must be discharge through Septic Tank/Soak Pit.
- 10- According to proposal water must be used in domestic only. Domestic effluent must be discharge by septic tank/soak pit. No any industrial effluent must be discharged on land or drain inside and outside of the factory premises.
- 11- No any industrial effluent shall be discharged to outside of the Industry premises/drain/land and unit shall make proper arrangement for achieving zero liquid effluent discharge.
- 12- Industry shall obtain a No Objection Certificate from State Ground Water Authority Lucknow /DGWMA, BADAUN, Immediately/ as early as possible
- 13- Unit should be comply the provisions of Water (Prevention and Control of Pollution) Act 1974 as Amended and Environment (Protection) Act, 1986, and direction issued by Hon'ble National Green Tribunal, New Delhi.
- 14- Fly ash should be disposed of in such way that environment and health of people should not be adversely affected.
- 15- Unit should be complied the Solid Waste Management Rules, 2016.
- 16- The industry should be properly disposed the solid waste.

17- The Unit shall develop Green Belt in minimum 33 % area of Industrial premises as per the provisions laid down in office order no. H16404/220/2018/02 dated 16.02.2018 of U.P. Pollution Control Board. The copy of said office order is available on the website of U.P. Pollution control Board www.uppcb.com.

18- Unit should be submitted desired NOC/Licenses/Permission of other Govt. Department within one month.

19- The Industry shall ensure that house-keeping of premises is to be good always. The Industry shall ensure that the handling, collection and disposal of solid waste should be in proper and safe way.

20- Industry shall provide sufficient no. of Helmets, Gumboots, Goggles and Masks etc. to the workers for their safety.

21- The industry shall operate water sprinkling system for control process emission and dust suppression in scientific manner so as to achieve the prescribed standards for all the times.

22- If U.P.P.C.B or C.P.C.B issues closure order against the industry, this consent shall remain suspended for the period till closure order is revoked, after which the consent will be effective again for the remaining period.

23- This CTO is valid for widening and strengthening temporary project for NH-24 only.

24- Condition impose for control of dust during transportation, loading unloading, mixing.

25- Wind breaking wall at least six meter around the site should maintain by the unit for control of dust.

26- Industry should covered all area propose use for storage of raw materials like cement, sand and gravel.

27- Industry should provide pucca road for transportation of vehicles and should provide appropriate sprinkling system for control of dust emissions inside premises.

28- All construction material should transport in covered vehicle and should have valid PUC from valid agency from transport departments.

29- This consent order will not affect the acceptance or order of any other department.

30- Unit should be submitted desired NOC/Licenses/Permission of other Govt. Department within one month.

31- All the effective safety measures shall be taken to avoid any contamination/deterioration in the surrounding environments/ecosystem.

32- The provisions/guidelines notified under the Environment (Protection) act 1986 (as amended) shall be strictly complied.

33- If industry carry out any expansion then Unit must be submit online CTE application for expansion.

34- If complaint is received against the industry regarding pollution, adverse impact on habitation and after verification, if complaint is found true the CTO will be revoked without any prior notice.

Not with standing anything contained this consent order and these conditions of consent, the U.P. Pollution Control Board hereby reserves its right and power under The Air (Prevention and Control of Pollution) Act, 1981 and its amendment of 1987 and Water (Prevention and Control of Pollution) Act, 1974 and its amendment of 1978 to review any and /or all the conditions imposed herein above and to make such verification as deemed fit for the purpose of the Act by this Board.

General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.

2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.

3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.

4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not

complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.

5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.
7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

ROHIT SINGH

Digitally signed
by ROHIT SINGH
Date: 2022.09.16
15:15:46 +05'30'

Regional Officer
U.P.P.C.B. Bareilly

Copy to:

Chief Environment Officer, (Circle-7), U.P. Pollution Control Board, Lucknow For Kind Information.

Regional Officer
U.P.P.C.B. Bareilly



कार्यालय जिलाधिकारी, Budaun

(खनन अनुभाग)
साधारण मिट्टी की निकासी हेतु अनुज्ञापत्र



UP MINE MITRA

संख्या: NOC/OE/2023/3/194056

दिनांक: 23-03-2023

आवेदक एवं अवधि

आवेदक का नाम	HG INFRA ENGINEERING LIMITED	आवेदक का पता	3RD FLOOR SHEEL MOHAR PLAZA A-1 TILAK MARG C-SCHEME JAIPUR
अनुज्ञा की अवधि	अवधि 23-03-2023 से 20-06-2023 तक	खनन का प्रयोजन	

खनन के लिए अनुज्ञा प्राप्त उपखनिज का विवरण

नाम	मात्रा
Ordinary Soil	7632.00 घन मी०
	कुल 7632.00 घन मी०

साधारण मिट्टी के खनन हेतु उपयोग होने वाली भूमि की अवस्थिति

जिल्ला	तहसील	ग्राम / नगर	मापन संख्या/अथवा संस्थापन संख्या	एकड़ (है०)	भूस्वामी/भूमिदाता का नाम
Budaun	Bisauli	कानपुर - 127702	424	0.5300	सर्वेन्द्र कुमार

आवेदक द्वारा अनुलग्नक-1 की शर्तों का अनुपालन किया जाना अनिवार्य होगा।

Validity unknown
District Magistrate
Budaun





कार्यालय जिलाधिकारी, Hardoi

(अनन्य-अनुयाय)
साधारण भित्री की निकासी हेतु अनुज्ञापत्र



MINI MITRA

संख्या: NOC/DE/2023/2/17/191137

दिनांक: 06-03-2023

आवेदक एवं अवधि			
आवेदक का नाम	H G INFRA ENGINEERING LIMITED	आवेदक का पता	3RD FLOOR SHEEL MOHAR PLAZA A-1 TILAK MARG C- SCHEME JAIPUR
अनुज्ञा की अवधि	अवधि 06-03-2023 से 04-05-2023 तक	अनन्य का प्रयोजन	

अनन्य के लिए अनुज्ञा प्राप्त स्थानों का विवरण	
नाम	सारा
Ordinary Soil	15894.00 घन मी०
कुल	15894.00 घन मी०

साधारण भित्री के अनन्य हेतु उपयोग होने वाली भूमि की अवस्थिति					
अनन्य	सहयोगी	घाब / नंबर	सारा संख्या/अनन्य संख्या/संख्या/संख्या	एकता(हे०)	सुझाव/सुझावियों का नाम
Hardoi	Shahabad	घाबर केसोपुर - 139516	10	0.8830	नाथदीन,

आवेदक द्वारा अनुज्ञापत्र-1 की शर्तों का अनुपालन किया जाना अनिवार्य होगा।

Digitally signed by
Date: 2023.03.06 10:05:11
Hardoi
District Magistrate





UP
MINES MITRA

कार्यालय जिलाधिकारी, Shahjahanpur

(खनन-अनुभाग)
साधारण मिट्टी की निकासी हेतु अनुज्ञापत्र



संख्या: NOC/OE/2022/11/21/162685

दिनांक: 04-02-2023

आवेदक एवं अवधि

आवेदक का नाम	HG INFRA ENGINEERING LTD	आवेदक का पता	3RD FLOOR SHEEL MOHAR PLAZA A-1 TILAK MARG C-SCHEME JAIPUR
अनुज्ञा की अवधि	अवधि 04-02-2023 से 05-03-2023 तक	खनन का प्रयोजन	

खनन के लिए अनुज्ञा प्राप्त उपखनिज का विवरण

नाम	मात्रा
Ordinary Soil	6570.00 घन मी०
कुल	6570.00 घन मी०

साधारण मिट्टी के खनन हेतु उपयोग होने वाली भूमि की अवस्थिति

खनन स्थल	तहसील	ग्राम / नगर	गाटा संख्या/खसरा नं संख्या/प्लॉट संख्या	रकरा(हे०)	पूस्वामी/पूस्वामियों का नाम
Shahjahanpur	Jalalabad	चमरपुर कला	345	0.3650	रमेश, बालाजी,

आवेदक द्वारा अनुलग्नक-1 की गतों का अनुपालन किया जाना अनिवार्य होगा।

Validity unknown
Dated 04-02-2023
Shahjahanpur
District Magistrate





Form VI
[See Rule 25(1)]



Government of Uttar Pradesh
OFFICE OF THE LABOUR COMMISSIONER

LICENCE

License No:- UPCLAL27000188 Dated:- 17/08/2022 Fee Paid Rs:- 1250.00
Security Fee Paid Rs:- 750000.00

License is hereby granted to **PATEL INFRASTRUCTURE LIMITED** at **OPP. HP PETROL PUMP, BANGARMAU-SANDILA ROAD, RANIPUR GRANT, DIST. UNNAO-209869** under Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure.

This license is for doing the work of (ROAD CONSTRUCTION) in the establishment of **UTTAR PRADESH EXPRESSWAYS INDUSTRIAL DEVELOPMENT AUTHORITY** at **C-13 2nd FLOOR PARYATAN BHAWAN GOMTI NAGAR LUCKNOW UTTAR PRADESH, LUCKNOW-226010**.

The license shall remain in force till **30/09/2023**.

Dated :-18/08/2022

RENEWAL

[See Rule 29]

Date of Approval	Fee paid for renewal	Date of Expiry
		30/09/2023

Dated - 17/08/2022

Issued on the behalf of office of the labour commissioner

Note :

1. This is a computer generated certificate/ license, hence, no signature is required
2. This certificate/ license may be verified from the website of the Labour Department, Govt. of UP - www.uplabour.gov.in
3. This certificate/ license is issued solely on the basis of the information submitted by the applicant. The Labour Department does not undertake responsibility for the correctness of the information contained herein.

ANNEXURE

The license is subject to the following conditions:-

- 1 The license shall be non-transferable.
- 2 The number of workmen employed as Contract Labour in the establishment shall not, on any day, exceed. **2500**
- 3 Except as provided in the rules the fees paid for the grant, or as the case may be, for renewal of the license shall be non-refundable.
- 4 The rates of wages payable to the workmen by the contractor shall not be less than the rates prescribed for in the Schedule of employment under the Minimum Wages Act, 1948, where applicable, and where the rates have been fixed by agreement, settlement or award, not less than the rates fixed.
- 5 In cases where the workmen employed by the contractor perform the same or similar kind of work as the workmen directly employed by the principal employer of the establishment, the wages rate, holiday, hours of work and other conditions of service of the workmen of the contractor shall be the same as applicable to the workmen directly employed by the Principal Employer of the establishment on the same or similar kind of work:
Provided that in the case of any dispute with regard to the type of work the same shall be decided by the Labour Commissioner, Uttar Pradesh, whose decision shall be final.
- 6 In the other cases the wages rates, holiday, hours of work and conditions of service of the workmen of the contractor shall be such as may be specified in this behalf by the Labour Commissioner, Uttar Pradesh.
- 7 In every establishment where 20 or more women are ordinarily employed as contract labour there shall be provided two rooms of reasonable dimension for the use of their children under the age of six years. One of such room would be used as a play-room for the children and the other as bed-room for the children. For this purpose the contractor shall supply adequate number of toys and games in the play-room and sufficient number of cots and bedding in the sleeping room.
- 8 The Licensee shall notify any change in the number of workmen or the conditions of work to the Licensing Officer.
- 9 A copy of the license shall be displayed prominently at the premises where the contract work is being carried on.



प्रपत्र-2
(नियम 24(1) देखें)
पंजीयन प्रमाण - पत्र
श्रम विभाग
उत्तर प्रदेश शासन

संख्या- D27004180/ के०आर०भ०औ०अ०सन्नि०कर्म०

दिनांक - 05/09/2022

कार्यालय उप श्रमायुक्त, उत्तर प्रदेश, श्रम विभाग, जिला कार्यालय, उन्नाव

भवन निर्माण और अन्य सन्निर्माण कर्मकार (नियोजन का विनियमन और सेवा की शर्तों) अधिनियम, 1996 की धारा 7 की उपधारा (3) के और अधिनियम के अधीन बनाये गये नियमों के अधीन उपाबद्ध में अधिकथित शर्तों के अधीन रहते हुए PATEL INFRASTRUCTURE LIMITED को निम्नलिखित विशिष्टियों से युक्त रजिस्ट्रीकरण प्रमाण-पत्र प्रदान किया जाता है :-

- | | |
|---|---|
| 1. उस स्थान का डाक पता / अवस्थिति जहाँ नियोजक द्वारा निर्माण अथवा अन्य निर्माण कार्य किया जाना है | : PATEL INFRASTRUCTURE LIMITED, OPP. HP PETROL PUMP, BANGARMAU-SANDILA ROAD, RANIPUR GRANT, DISTRICT UNNAO, UP, UNNAO, 209869 |
| 2. नियोजक का नाम और पता जिसमें भवन निर्माण अथवा अन्य निर्माण कार्य की अवस्थिति भी सम्मिलित है | : SANTOSH SHARMA, PATEL INFRASTRUCTURE LIMITED, OPP. HP PETROL PUMP, BANGARMAU-SANDILA ROAD, RANIPUR GRANT, DISTRICT UNNAO |
| 3. स्थापन का नाम और स्थायी पता | : PATEL INFRASTRUCTURE LIMITED, UNNAO, M/s. Patel Infrastructure Ltd, PATEL HOUSE, Beside Prakruti Resort, Chhani Road, Chhani, Vadodara -391740, Gujarat, India. |
| 4. उस कार्य की प्रकृति जहाँ भवन निर्माण कर्मकार नियोजित है या नियोजित किये जाने हैं: | : Services/Contracting |
| 5. नियोजक द्वारा किसी भी दिन नियोजित किये जाने वाले भवन निर्माण कर्मकारों की अधिकतम संख्या | : 250 |
| 6. कार्य प्रारंभ होने और समाप्त होने की संभावित तारीख: | : 01/10/2022 से 31/03/2025 |
| 7. भवन निर्माण कर्मकारों के नियोजन के लिए सुसंगत अन्य विशिष्टियाँ | : |

निम्न कार्य के लिए

प्रधान नियोजन का नाम व पता

Services/Contracting SANTOSH SHARMA, PATEL INFRASTRUCTURE LIMITED, OPP. HP PETROL PUMP, BANGARMAU-SANDILA ROAD, RANIPUR GRANT, DISTRICT UNNAO

यहाँ ऊपर प्रदान किया गया रजिस्ट्रीकरण निम्नलिखित शर्तों के अधीन है अर्थात :-

- (क) रजिस्ट्रीकरण प्रमाण-पत्र अस्थानान्तरानीय होगा;
- (ख) किसी भी दिन नियोजित कर्मकारों या स्थापन में भवन निर्माण कर्मकारों की संख्या रजिस्ट्रीकरण प्रमाण-पत्र में विनिर्दिष्ट अधिकतम संख्या 10 से अधिक नहीं होगी;
- (ग) इन नियमों में यथा उपबन्धित के सिवाय, रजिस्ट्रीकरण प्रमाण-पत्र के प्रदान के लिए सन्दर्भ की हई फीस अप्रतिदेय होगी।
- (घ) भवन निर्माण संदत्त कर्मकारों के नियोजक द्वारा संज्ञेय मजदूरी दर ऐसे नियोजन में जहाँ वह लागू है, न्यूनतम मजदूरी अधिनियम 1948 (1948 का 2) के अधीन निर्दिष्ट दरों से कम नहीं होगी और जहाँ दर किसी करंट समझौते या पंचाट द्वारा नियत की गयी है वह इस प्रकार नियत दरों से कम नहीं होगी।
- (ङ) नियोजन अधिनियम और उनके अधीन बने नियमों के उपबन्धों का अनुपालन करेगा।

रजिस्ट्रीकरण अधिकारी के हस्ताक्षर

बाल मजदूरी हटाये, बचपन बचाए..... कार्यालय: 0512-2218879



Form VI
[See Rule 25(1)]



Government of Uttar Pradesh
OFFICE OF THE LABOUR COMMISSIONER

LICENCE

License No:- UPCLAL27000188 Dated:- 17/08/2022 Fee Paid Rs:- 1250.00
Security Fee Paid Rs:- 750000.00

License is hereby granted to **PATEL INFRASTRUCTURE LIMITED** at **OPP. HP PETROL PUMP, BANGARMAU-SANDILA ROAD, RANIPUR GRANT, DIST. UNNAO-209869** under Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure.

This license is for doing the work of (ROAD CONSTRUCTION) in the establishment of **UTTAR PRADESH EXPRESSWAYS INDUSTRIAL DEVELOPMENT AUTHORITY** at **C-13 2nd FLOOR PARYATAN BHAWAN GOMTI NAGAR LUCKNOW UTTAR PRADESH, LUCKNOW-226010**.

The license shall remain in force till **30/09/2023**.

Dated :-18/08/2022

RENEWAL

[See Rule 29]

Date of Approval	Fee paid for renewal	Date of Expiry
		30/09/2023

Dated - 17/08/2022

Issued on the behalf of office of the labour commissioner

Note :

1. This is a computer generated certificate/ license, hence, no signature is required
2. This certificate/ license may be verified from the website of the Labour Department, Govt. of UP - www.uplabour.gov.in
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ANNEXURE

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- 3 Except as provided in the rules the fees paid for the grant, or as the case may be, for renewal of the license shall be non-refundable.
- 4 The rates of wages payable to the workmen by the contractor shall not be less than the rates prescribed for in the Schedule of employment under the Minimum Wages Act, 1948, where applicable, and where the rates have been fixed by agreement, settlement or award, not less than the rates fixed.
- 5 In cases where the workmen employed by the contractor perform the same or similar kind of work as the workmen directly employed by the principal employer of the establishment, the wages rate, holiday, hours of work and other conditions of service of the workmen of the contractor shall be the same as applicable to the workmen directly employed by the Principal Employer of the establishment on the same or similar kind of work:
Provided that in the case of any dispute with regard to the type of work the same shall be decided by the Labour Commissioner, Uttar Pradesh, whose decision shall be final.
- 6 In the other cases the wages rates, holiday, hours of work and conditions of service of the workmen of the contractor shall be such as may be specified in this behalf by the Labour Commissioner, Uttar Pradesh.
- 7 In every establishment where 20 or more women are ordinarily employed as contract labour there shall be provided two rooms of reasonable dimension for the use of their children under the age of six years. One of such room would be used as a play-room for the children and the other as bed-room for the children. For this purpose the contractor shall supply adequate number of toys and games in the play-room and sufficient number of cots and bedding in the sleeping room.
- 8 The Licensee shall notify any change in the number of workmen or the conditions of work to the Licensing Officer.
- 9 A copy of the license shall be displayed prominently at the premises where the contract work is being carried on.



UTTAR PRADESH POLLUTION CONTROL BOARD

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :01/10/2022 To 31/12/2024

Ref No. - 163810/UPPCB/Unnao(UPPCBRO)/CTE/UNNAO/2022

Dated:- 01/10/2022

To ,

Shri PRAVINBHAIVITHALBHAI PATEL

M/s PATEL INFRASTRUCTURE LIMITED

HOT MIX PLANT,Patel Infra Ltd ,Vill - Raniput Grant,Tehsil Bangertnau , DIST - Unnao,U.P
241501,UNNAO,241501

UNNAO

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 17703345 dated - 05/09/2022. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

- Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates : Longitude 26.957183 and Latitude 80.307297 E

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
Bitumin and Aggregate as per requirement	Metric Tonnes/Day	0.0

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Hot Mix Plant Capacity-200 TPH	0.0

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
.	Metric Tonnes/Month	48000	48000

- Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)

- Quantity of effluent (in KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)

- Fuel used in the equipment/machinery Name and Quantity (per day) :

upeidaparya2023@gmail.com

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use

5. ☐For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.
☐For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.
2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 31/12/2024 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.

Specific Conditions:

1. The CTE is valid for installation of Hot Mix Plant Capacity-200 TPH by using using Cement, Sand, Fly Ash, Aggregate and water etc. at GATA NO-145 and ors as per mentioned in inspection report Vill – Ranipur Grant, Tehsil Bangermau, DIST - Unnao
2. According to proposal Water will be used for domestic purpose, cooling and material mixing only.
3. Domestic effluent 4.0 KLD must be discharge through septic tank/soak pit. Cooling water must be completely recycled. No any industrial effluent must be discharged.
4. Ambient Air Monitoring should be carried out from Environment (Protection) Act 1986 approved laboratory/NABL accredited laboratory by the industry and submit monitoring report to the Board within two months from the trial production of the industry.
5. Expected process emissions during the mixing of raw material in Hot Mix Plant must be control through water sprinkling or close circuit system to avoid the adverse impact of the surrounding environment.
6. Expected dust emissions generated during the mixing of raw material, storage of raw material and other activities must be control through spraying the water and making wind braking wall around the premises to avoid the adverse impact of the surrounding environment.
7. The guideline of CPCB and MOEF regarding recycling and importing of the waste/scraps must be complied.
8. Industry shall develop green belt as per the Protocol attached with Board's office order H 16405 /220/2018/02 dated 16-2-2018, which is available on Board's website- www.uppcb.in.
9. Proper Safety Devices must be provided to the factory workers.
10. All the effective safety measures must be taken to avoid any contamination/deterioration in the surrounding environments/ecosystem.
11. The provisions/guidelines notified under the Environment (Protection) act 1986 (as amended) must be strictly complied.
12. NOC/ license/Consent of concerned departments for installation & operation of industry must be obtained and submitted this office within two months.
13. Housekeeping of the industry should be maintained properly.
14. Application for water and air consent (CTO) must be applied before two month from date of expected trial production. Trial production must be started after obtaining the valid consent from the Board.
15. Establishment of plant & machinery must be strictly done as per submitted proposal.
16. It is mandatory to submit compliance/progress report monthly in reference to all condition of the CTE.
17. This CTE is issued as per the provisions of Environmental Acts. NOC/ license/ Consent/ approval of all other concerned department for installation of warehouse, as per the statutory provisions, must be obtained.
18. Industry is proposed in side industrial area. In case of the any complaint regarding pollution i.e. water, air, sound, etc against the industry, the issued Consent to Establish (CTE) order will be revoked without prior notice.
19. Unit must comply the provisions/ conditions imposed in environmental clearance.
20. Industry shall submit a Bank Guarantee of Rs 10,000/- within 15 days for complying the above conditions.

□□□Please note that consent to Establish will be revoked, in case of, non compliance of any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 01/11/2022 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

SHASHI VINDKAR Joint Secretary to Government of Uttar Pradesh
REGIONAL OFFICER

Dated:- 01/10/2022

Copy To -

CEO C-5, U.P. Pollution Control Board, TC 12V, Vibhutikhand, Gomti Nagar Lucknow for kind information please.

SHASHI VINDKAR Joint Secretary to Government of Uttar Pradesh

**UTTAR PRADESH POLLUTION CONTROL BOARD****Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010****Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com****Validity Period :30/08/2022 To 31/08/2024****Ref No. - 162418/UPPCB/Unnao(UPPCBRO)/CTE/HARDOI/2022 Dated:- 31/08/2022****To ,****Shri PRAVINBHAI VITHALBHAI PATEL****M/s PATEL INFRASTRUCTURE LIMITED****Patel Infrastructure Ltd., Village-Durgaganj, Tehsil-Bilgram, Distt-Hardoi, HARDOI, 241301****HARDOI**

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 17431334 dated - 08/08/2022. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates : 27.225431 N, 80.79.994421 E

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
cement,sand water,dust,Aggregate	Metric Tonnes/Month	30000

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Ready Mix Concrete Plant -960 Cubic Meter/Day	960

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
concrete	Metric Tonnes/Month	300000	300000

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Ground Water (within premises)	Submersible	8.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	7.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Diesel	0.10	D.G. Set-500 KVA (2 No.)
Diesel	0.07	D.G. Set-380 KVA (1 No.)
Diesel	0.05	D.G. Set-125 KVA (1 No.)
Diesel	0.05	D.G. Set-82.5 KVA (3 No.)
Diesel	0.04	D.G. Set-62.5 KVA (2 No.)

5. ☐ For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.
- ☐ For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.
2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 31/08/2024 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.

Specific Conditions:

1. The CTE is valid for installation of Ready Mix Concrete Plant Capacity-960 Cubic Meter/Day by using Cement, Sand, Fly Ash, Aggregate and water etc. at Vill-Durgaganj, Tehsil-Bilgram, District-Hardoi.
2. According to proposal Water will be used for domestic purpose, cooling and material mixing only.
3. Domestic effluent-7.0 KLD must be discharge through septic tank/soak pit. Cooling water must be completely recycled. No any industrial effluent must be discharged.
4. Ambient Air Monitoring should be carried out from Environment (Protection) Act 1986 approved laboratory/NABL accredited laboratory by the industry and submit monitoring report to the Board within two months from the trial production of the industry.
5. Expected process emissions during the mixing of raw material in WMM plant and RCC Plant must be control through water sprinkling or close circuit system to avoid the adverse impact of the surrounding environment.
6. Expected dust emissions generated during the mixing of raw material, storage of raw material and other activities must be control through spraying the water and making wind braking wall around the premises to avoid the adverse impact of the surrounding environment.
7. According to proposal, DG set (1×500 KVA-02 no., 1×380 KVA-01 no., 1×125 KVA-01 no., 1×82.5 KVA-03 no. & 1×62.5 KVA-02 no.) will be installed. The DG set must be equipped with acoustic enclosure and adequate air pollution control devices. The emissions/noise level must be conformed to the prescribed standards of Environment (Protection) act 1986 (as amended).
8. The storage facility for the petroleum product must be installed as per Chief Exclusive guideline in the factory premises. The petroleum product must be used and stored as per guide line of Chief Exclusive.
9. NOC/ license of concerned department i.e. District Administration for storage and handling of petroleum product must be obtained and submitted this office within two months.
10. The guideline of CPCB and MOEF regarding recycling and importing of the waste/scraps must be complied.
11. Unit shall develop green belt as per the Protocol attached with Board's office order H 16405 /220/2018/02 dated 16-2-2018, which is available on Board's website- www.uppcb.in.
12. Proper Safety Devices must be provided to the factory workers.
13. All the effective safety measures must be taken to avoid any contamination/deterioration in the surrounding environments/ecosystem.
14. The provisions/guidelines notified under the Environment (Protection) act 1986 (as amended) must be strictly complied.
15. NOC/ license/Consent of concerned departments for installation & operation of unit must be obtained and submitted this office within two months.
16. Housekeeping of the industry should be maintained properly.
17. Application for water and air consent (CTO) must be applied before two month from date of expected trial production. Trial production must be started after obtaining the valid consent from the Board.
18. Establishment of plant & machinery must be strictly done as per submitted proposal.
19. It is mandatory to submit compliance/progress report monthly in reference to all condition of the CTE.
20. This CTE is issued as per the provisions of Environmental Acts. NOC/ license/ Consent/ approval of all other concerned department for installation of warehouse, as per the statutory provisions, must be obtained.
21. Unit must install the fugitive dust emission control system. In case of the any complaint regarding pollution i.e. water, air, sound, etc against the industry, the issued Consent to Establish (CTE) order will be revoked without prior notice.
22. Unit shall submit a Bank Guarantee of Rs 10,000/- within 15 days for complying the above conditions.

□□□Please note that consent to Establish will be revoked, in case of, non compliance of any of the above mentioned conditions. Board reserves its right for amendment or cancellation of any of the conditions specified above. Industry is directed to submit its first compliance report regarding above mentioned specific and general conditions till 30/09/2022 in this office. Ensure to submit the regular compliance report otherwise this Consent to Establish will be revoked.

SHASHI
VINDKAR
Date: 20/09/2022

REGIONAL OFFICER

Dated:- 31/08/2022

Copy To -

CEO C-5, U.P. Pollution Control Board, TC 12V, Vibhutikhand, Gomti Nagar, Lucknow for kind information.

SHASHI
YADAV
Regional Officer
U.P. Pollution Control Board

REGIONAL OFFICER



Uttar Pradesh Pollution Control Board
Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

165337/UPPCB/Raebareli(UPPCBRO)/CTO/both/PRATAPGARH/2022

Date: 01/10/2022

To,

M/s

J.S. MINING AND CONSTRUCTIONS-JV (RMC)

**ARAZI NO. 1495, AREA-1.0960 HECTARE, VILL. JHINGUR,
PARGANA-BABAGANJ, TEH. KUNDA, DISTT.
PRATAPGARH(U.P.)-230204**

**Application Id-
17910295**

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to **J.S. MINING AND CONSTRUCTIONS-JV (RMC)** located at **ARAZI NO. 1495, AREA-1.0960 HECTARE, VILL. JHINGUR, PARGANA-BABAGANJ, TEH. KUNDA, DISTT. PRATAPGARH(U.P.)-230204**, subject to the provisions of the **Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **J.S. MINING AND CONSTRUCTIONS-JV (RMC)** granted for the period from **20/09/2022 to 31/03/2026** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	RMC (60.0 Cubic meter/he)	60	Cubic Meters/Hour

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	2	Septic Tank	

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
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(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be

dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
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3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	DG Set (200 KVA)	Diesel	1	Particulate Matter	3 Meter above ground level

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	1	Particulate Matter	3 Meter above ground level

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the



Uttar Pradesh Pollution Control Board
 Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
 Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

172719/UPPCB/Allahabad(UPPCBRO)/CTO/both/PRAYAGRAJ/2022

Date: 21/12/2022

**To,
M/s**

J.S. MINING AND CONSTRUCTIONS-JV (RMC)

**ARAZI NO. 214,219 VILL. GIRDHARPUR GONDAWA, PARGANA
-MIRZAPUR CHAUHARI, TEH. SORAON, DISTT.
PRAYAGRAJ(U.P.)**

**Application Id-
19036567**

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to **J.S. MINING AND CONSTRUCTIONS-JV (RMC)** located at **ARAZI NO. 214,219 VILL. GIRDHARPUR GONDAWA, PARGANA-MIRZAPUR CHAUHARI, TEH. SORAON, DISTT. PRAYAGRAJ(U.P.)** subject to the provisions of the **Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **J.S. MINING AND CONSTRUCTIONS-JV (RMC)** **granted for the period from 21/12/2022 to 31/03/2026** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	Ready Mix Concrete	30	Cubic Meters/Hour

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	3.0 KLD	Septic Tank	

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
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(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be

dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
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3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	DG SET 125 (2) KVA	DIESEL	02	Particulate Matter	AS PER E(P) ACT 1986

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	02	Particulate Matter	AS PER E(P) ACT 1986

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of



UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :15/09/2022 To 15/09/2023

Ref No. -
164473/UPPCB/Raebareli(UPPCBRO)/CTE/RAEBARELI/2022

Dated:- 24/09/2022

To ,

Shri ANKUR BANSAL
M/s ADYCON INFRASTRUCTURES PVT LTD(RMC)
ARAZI NO. 3110,3113 AND 3127 VILL. ITAURA BUZURG, TEHSIL-UCCHAHAR,
DISTRICT-RAEBARELI (U.P.)
RAEBARELI

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 17816816 dated - 15/09/2022. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
STONE AGGREGATES, CEMENT, SAND WATER AND ADMIXTURE	Cubic Meters/Hour	60

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
RMC-60 QUBIC METER/HOUR	60

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
N.A.	Metric Tonnes/Day	00	00

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Ground Water (within premises)	submircible pump	7.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	1.0
Others(Quenching)	5.0
Others(Plantation)	1.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Diesel	0.15	Use 250 KVA DG SETWITH ACOSTIC ENCLOSURE

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

- You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
- Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 15/09/2023 to the Board.
- Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution)Act, 1981 from the Board.
- It is mandatory to submit Air and Water consent Application,complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
- Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act,1981 may be initiated against the industry With out any prior information,in case of non compliance of above conditions.

Specific Conditions:



Uttar Pradesh Pollution Control Board
Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

164472/UPPCB/Raebareli(UPPCBRO)/CTO/both/RAEBARELI/2022

Date: 20/10/2022

To,

M/s

ADYCON INFRASTRUCTURES PVT LTD(RMC)

ARAZI NO. 3110,3113 AND 3127 VILL. ITAURA BUZURG, TEHSIL
-UCCHAHAR, DISTRICT-RAEBARELI (U.P.)

Application Id-
17816802

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to ADYCON INFRASTRUCTURES PVT LTD(RMC) located at ARAZI NO. 3110,3113 AND 3127 VILL. ITAURA BUZURG, TEHSIL-UCCHAHAR, DISTRICT-RAEBARELI (U.P.). subject to the provisions of the Water Act, Air Act and the orders that may be made further and subject to following terms and conditions :-

1. This CCA ADYCON INFRASTRUCTURES PVT LTD(RMC) granted for the period from 28/09/2022 to 31/03/2025 and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	RMC (60.0 Cubic meter/hr)	60	Cubic Meters/Hour

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	1	Septic Tank	

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
-------	-----------	----------

(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality.In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be

dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
-------	------------	-----------

3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	DG Set (250 KVA)	Diesal	1	Particulate Matter	Approx 3 Meter above ground level

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	1	Particulate Matter	Approx 3 Meter above ground level

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of

**UTTAR PRADESH POLLUTION CONTROL BOARD**

Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :09/09/2022 To 09/09/2023

Ref No. -
I64041/UPPCB/Raebareli(UPPCBRO)/CTE/RAEBARELI/2022

Dated:- 24/09/2022

To ,

Shri DEEPINDER SINGH SIVIA

M/s ZIP ENTERPRISES PRIVATE LIMITED(RMC)

ARAZI NO. 1403, VILL. MERUI, PARGANA-KHEERO, TEH. LALGANJ, DISTT.

RAIBARELI(U.P.)-229206

RAEBARELI

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 17749421 dated - 09/09/2022. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
STONE AGGREGATES, CEMENT, SAND WATER AND ADMIXTURE	Cubic Meters/Hour	60

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
RMC-60 QUBIC METER/HOUR	60

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
N.A.	Metric Tonnes/Day	00	00

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
Ground Water (within premises)	submircible pump	8.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	1.0
Others(Quenching)	5.0
Others(Plantation)	2.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use
Diesel	0.15	Use 250 KVA DG SET WITH ACOSTIC ENCLOSURE

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.
- For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.
2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 09/09/2023 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.

Specific Conditions:



Uttar Pradesh Pollution Control Board
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

166435/UPPCB/Raebareli(UPPCBRO)/CTO/both/RAEBARELI/2022

Date: 18/10/2022

To,

M/s

ZIP ENTERPRISES PRIVATE LIMITED(RMC)

ARAZI NO. 1403, VILL. MERUI, PARGANA-KHEERO, TEH. LALGANJ, DISTT. RAIBARELI(U.P.)-229206

Application Id-
18049133

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) under Section-25 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section-21 of the Air (Prevention & Control of Pollution) Act, 1981

CCA is hereby granted to ZIP ENTERPRISES PRIVATE LIMITED(RMC) located at ARAZI NO. 1403, VILL. MERUI, PARGANA-KHEERO, TEH. LALGANJ, DISTT. RAIBARELI(U.P.)-229206, subject to the provisions of the Water Act, Air Act and the orders that may be made further and subject to following terms and conditions :-

1. This CCA ZIP ENTERPRISES PRIVATE LIMITED(RMC) granted for the period from 28/09/2022 to 31/03/2025 and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	RMC-60 QUBIC METER/HOUR	60	Cubic Meters/Hour

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	1	Septic Tank	
Industrial	0	Septic Tank	

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
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(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be

stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
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3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	Dg Set 250 KVA	Diesel	1	Particulate Matter	Approx 3 meter above ground level

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	1	Particulate Matter	Approx 3 meter above ground level

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as

**UTTAR PRADESH POLLUTION CONTROL BOARD**

Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :10/03/2023 To 31/03/2024

Ref No. -
179437/UPPCB/Raebareli(UPPCBRO)/CTE/PRATAPGARH/2023

Dated:- 23/03/2023

To,

Shri SARFARAZ HUSSAIN

M/s ITD Cementation India Limited

ITD Cementation India Limited Post Badgawwan, Jhingur-Aruhari road, Village- Ray,

Askaranpur, Tahsil IP,Uttar pradesh 230128,PRATAPGARH,230128

PRATAPGARH

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 20150330 dated - 10/03/2023. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
Aggregates 10mm	Metric Tonnes/Month	14400.0000
Aggregates 20mm	Metric Tonnes/Month	14400.0000
Aggregates 40mm	Metric Tonnes/Month	21600.0000
bitumen	Metric Tonnes/Month	1600.00
DUST	Metric Tonnes/Month	21600.00

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Wet mix Plant (200 Ton/hr)	200

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
No By Product	Metric Tonnes/Month	1	200

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
River	Submersible pump	2000.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Process	6.0
Domestic	1.0
Industrial	0.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 31/03/2024 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution)Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application,complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act,1981 may be initiated against the industry With out any prior information,in case of non compliance of above conditions.

Specific Conditions:



UTTAR PRADESH POLLUTION CONTROL BOARD
Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :10/03/2023 To 31/03/2024

Ref No. -
179439/UPPCB/Raebareli(UPPCBRO)/CTE/RAEBARELI/2023

Dated:- 23/03/2023

To,

Shri SARFARAZ HUSSAIN
M/s ITD Cementation India Limited
ITD Cementation India Limited Tahsil- Uchahar, suhi kharuli Road, itaura bujurg village,
Raebareli-22, uttar pradesh 229401 ,RAEBARELI,229401
RAEBARELI

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 20150423 dated - 10/03/2023. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1. Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
Aggregates 10mm	Metric Tonnes/Month	14400.0000
Aggregates 20mm	Metric Tonnes/Month	14400.0000
Aggregates 40mm	Metric Tonnes/Month	21600.0000
bitumen	Metric Tonnes/Month	1600.00
DUST	Metric Tonnes/Month	21600.00

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Wet mix Plant (200 Ton/hr)	200

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
No By Product	Metric Tonnes/Day	1	200

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
River	Submersible pump	2000.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Industrial	0.0
Process	6.0
Domestic	1.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 31/03/2024 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.

Specific Conditions:



UTTAR PRADESH POLLUTION CONTROL BOARD
Building, No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

Validity Period :16/03/2023 To 31/03/2024

Ref No. -
179890/UPPCB/Raebareli(UPPCBRO)/CTE/RAEBARELI/2023

Dated:- 23/03/2023

To ,

Shri SARFARAZ HUSSAIN
M/s ITD cementation India Limited
ITD Cementation india limited near Sai dhaba, village- merui, post merui, Tahsil- Lalganj,
Raebareli-2, 229001,RAEBARELI,229001
RAEBARELI

Sub : Consent to Establish for New Unit/Expansion/Diversification under the provisions of Water (Prevention and control of pollution) Act, 1974 as amended and Air (Prevention and control of Pollution) Act, 1981 as amended.

Please refer to your Application Form No.- 20225031 dated - 16/03/2023. After examining the application with respect to pollution angle, Consent to Establish (CTE) is granted subject to the compliance of following conditions :

1- Consent to Establish is being issued for following specific details :

A- Site along with geo-coordinates :

B- Main Raw Material :

Main Raw Material Details		
Name of Raw Material	Raw Material Unit Name	Raw Material Quantity
Aggregates 10mm	Metric Tonnes/Month	
Aggregates 20mm	Metric Tonnes/Month	
Aggregates 40mm	Metric Tonnes/Month	
bitumen	Metric Tonnes/Month	1600.00
DUST	Metric Tonnes/Month	21600.00
Aggregates 10mm	Metric Tonnes/Month	21600.00
Aggregates 20mm	Metric Tonnes/Month	14400.0000
Aggregates 40mm	Metric Tonnes/Month	21600.00

C- Product with capacity :

Product Detail	
Name of Product	Product Quantity
Wet mix Plant (200 Ton/hr)	200

D- By-Product if any with capacity :

By Product Detail			
Name of By Product	Unit Name	Licence Product Capacity	Install Product Capacity
No By Product	Metric Tonnes/Month	1	200

2. Water Requirement (in KLD) and its Source :

Source of Water Details		
Source Type	Name of Source	Quantity (KL/D)
River	Submersible pump	2000.0

3. Quantity of effluent (In KLD) :

Effluent Details	
Source Consumption	Quantity (KL/D)
Domestic	1.0
Industrial	0.0
Process	6.0

4. Fuel used in the equipment/machinery Name and Quantity (per day) :

Fuel Consumption Details		
Fuel	Consumption(tpd/kld)	Use

5. For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

For any change in above mentioned parameters, it will be mandatory to obtain Consent to Establish again. No further expansion or modification in the plant shall be carried out without prior approval of U.P. Pollution Control Board.

2. You are directed to furnish the progress of Establishment of plant and machinery, green belt, Effluent Treatment Plant and Air pollution control devices, by 10th day of completion of subsequent quarter in the Board.
3. Copy of the work order/purchase order, regarding instruction and supply of proposed Effluent Treatment Plant/Sewerage Treatment Plant /Air Pollution control System shall be submitted by the industry till 31/03/2024 to the Board.
4. Industry will not start its operation, unless CTO is obtained under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and control of Pollution) Act, 1981 from the Board.
5. It is mandatory to submit Air and Water consent Application, complete in all respect, four months before start of operation, to the U.P. Pollution Control Board.
6. Legal action under water (Prevention and control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 may be initiated against the industry With out any prior information, in case of non compliance of above conditions.

Specific Conditions:

END OF THE REPORT