

WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan',
Bldg. No. - 10A, Block-LA, Sector-III,
Salt Lake City, Kolkata-700 098



Expansion

Consent Letter Number : CO107542

Memo Number : 448 dt cc - 0/12/0084

Date : 01.02.18

Consent to Operate

under Application no. CO0000000189833

Section 25 & 26 of the **Water (Prevention and Control of Pollution) Act, 1974** and
Section 21 of the **Air (Prevention and Control of Pollution) Act, 1981.**

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended, and Rules and Orders made thereunder, hereby grants its consent to :

M/s. Nuvoce Vistas Corporation Ltd.,
(formerly Lafarge India Ltd.),

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at the existing unit at Andanga,
P.O: MTPS (DVC), P.S: Ganga Jalgati, Dist: Bankura, Pin - 722183.

(Detailed address of the manufacturing unit)

for a period from date of issue to 31/12/2021

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.



[Signature]
For and on behalf of the State Board
Senior Environmental Engineer
Kankinara Circle Office
W.B., Pollution Control Board

(Member Secretary/Chief Engr./Sr. Env. Engr./Env. Engr./Asst. Env. Engr.)

ANNEXURE

Consent to Nuvoce Vistas Corporation Ltd. (formerly Lafarge India Ltd.),
 for its unit at Vill: Amdanga, P.O: MTPS(DVC), P.S. Gangajalghati, Dist. Bankura,
Pin - 722103.

Conditions :

01. This Consent is valid for the manufacture of :-

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	Portland Pozzalana Cement	1,50,000 MTPA.
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		

02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.
03. Daily discharge of industrial liquid effluent shall not exceed KL.
04. Daily discharge of domestic liquid effluent shall not exceed KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed KL.
06. The Applicant shall discharge liquid effluent to (place of discharge)
 through nos. outlets/outfalls.
07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

Dr. Senmath Narayan
 01/02/18
 Dr. Senmath Narayan
 Chief Environmental Engineer
 Bankura Circle
 W.B. Pollution Control Board

Continued..... 2/3

Consent to **Nuvoce Vistas Corporation Ltd. (formerly Lafarge India Ltd.)**,
 for its unit at **Amdanga, P.O: MTPS (DVC), P.S: Gangajalghati, Dist. Bankura,**
Pin - 722183.

11. The Applicant shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the State Board.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The Applicant shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the Standard as given in Table-II below :

Table - II

Stack No.	Stack height from G.L., (in mts.)	Stack attached to (sources and control system, if any) :	Volume Nm ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed		Frequency of emission sampling
					SPM (mg/Nm ³)	CO (% v/v)	
S-1							
S-2							
S-3							
S-4							
S-5							
S-6							
S-7							
S-8							
S-9							
S-10							

(Member Secretary/Chief Engr./Sr. Env. Engr./Env. Engr./Asst. Env. Engr.)

[Handwritten signature]
 07/07/18

[Blue official stamp]

Consent to Nuovo Vistas Corporation Ltd. (formerly Lafarge India Ltd.),
 for its unit at Amdanga, P.O: MTPS(DVC), P.S: Ganga Jalghati, Dist. Bankura,
Pin - 722183.

- 14. The Applicant shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorised agencies.
- 15. The Applicant shall observe the following fuel consumption pattern :-

Sl. No.	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01			
02			
03			
04			
05			

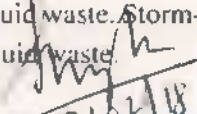
- 16. The Applicant shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :

Type of waste	Quantity	Treatment	Disposal
WEST BENGAL			

- 17. The Applicant shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :

Time	Limit in dB(A) L _{eq}
Day Time (06 a.m. to 09 p.m.)	75
Night Time (09 p.m. to 06 a.m.)	70

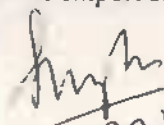
- 18. The Applicant shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.
- 19. The Applicant shall bring about at least 33% of the available open land under the green coverage / plantation.
- 20. The Applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the Applicant to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the Applicant shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.
- 21. The Applicant shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.
- 22. The Applicant shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 23. The Applicant shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste.


 27/02/18
 Senior Environmental Engineer
 Kankunara Circle Office
 W.B., Pollution Control Board
 (Member Secretary/Chief Engr./Sr. Env. Engr./Sr. Engr./Asst. Engr.)

Consent to Nuvoce Vistas Corporation Ltd. (formerly Lafarge India Ltd.),
 for its unit at Amdanga, P.O: MTPS(DVC), P.S: Ganga Jalghati, Dist. Bankura,
Pin - 722183.

24. The *Applicant* shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The *Applicant* shall get the samples of hazardous wastes/leachates analysed at least once in
 from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The *Applicant* shall provide adequate and safe facility for collection of air, wastewater and solid waste samples by the *State Board's* staff as well as *State Board's* authorised agencies.
27. The *Applicant* shall submit to the *State Board* by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form-V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] Rules, 1992.
28. The *Applicant* shall allow the Officers of the *State Board* to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The *Applicant* shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the *State Board* for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The *Applicant* shall furnish to the *State Board* all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The *Applicant* shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and/or emission control devices and for overall environment management of the industry.
32. The *Applicant* shall have to make registration for the use of groundwater, if any, with Central Ground Water Authority.
33. The *Applicant* shall intimate to the *State Board* immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quantity as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident / event including natural disaster. The *Applicant* shall (i) take all steps adequate to prevent such accidental discharge / release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment. (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous, noxious or pollutants to the environment.
34. The *Applicant* shall make an application to the *State Board* in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
35. The *Applicant* shall not make any alternation/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The *Applicant* shall comply with the conditions as laid down in the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions - See Annexure.


 Dr. Adhirajit Nayayan
 Senior Environmental Engineer
 Non-Engg. Circle Office
 W.B., Pollution Control Board

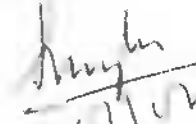
(Member Secretary/Chief Engr./Sr. Env. Engr./Sr. Engr./Asst. Engr.)

SPECIAL CONDITION (Unit)

Annexure to Consent to Operate Letter Number: CO 107542 of M/s. Nuvoco Vistas Corporation Ltd. (Formerly M/s. Lafarge India Ltd.) Located at Vill. -Amdanga, P.O.-MTPS (DVC), P.S. Gangajalghati, Dist.-Bankura, PIN-722183

1. Conditions mentioned in the Environmental Clearance issued by MOEF Vide No. 2318/EN/T-II-I/022/2013 dated 11/09/2015 and 1902/EN/T-II-I/022/2013 dated 30/08/2017 must be complied with.
2. Conditions mentioned in the Consent To Establish (NOC) issued by the State Board vide Memo No. 488-2N-01/2011 (E) dated 22.09.2017 and its amendment of Consent To Establish (NOC) issued by the State Board vide Memo No 09-2N-01/2011 (E) dated 04.01.2018 must be complied with.
3. Conditions **except emission and discharge standard** mentioned in the Consent to Operate issued by the State Board vide Memo No. 113-7/WPBD-Cont.(3988)/08 dated 17/01/2017 must be complied with.
4. **Emission and effluent standard** mentioned in the Notification issued by the MoEF & CC, New Delhi vide G.S.R. 612 (E) dated 25/08/2014 must be complied with (copy enclosed).
5. This Consent to Operate issued for expansion of production capacity 150000 MTPA may be revoked at any time for non-compliance of the Environmental Statutes.

For and on behalf of the Board


21/10/2018
Member Secretary
West Bengal Pollution Control Board

(Member Secretary /Chief Engineer/Sr. Env. Engr./Env. Engr./Asst. Env. Engr. or Jf. Scientist)

West Bengal Pollution Control Board

(ख) अनुसूची 6 में, साधारण उत्सर्जन मानक से संबंधित भाग घ के अधीन, भार/मात्रा आधारित मानक से संबंधित मद 3 में, क्रम सं. 9 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित क्रम संख्यांक और प्रविष्टियां अंतःस्थापित की जाएगी, अर्थात् :—

(1)	(2)	(3)	(4)
"10	सीमेंट मानक (बिना प्रसंस्करण के)	धूर्णक भट्टा पर आधारित संयंत्र (अपरिष्कृत मिल, भट्टा और पूर्ण खांगर सिस्टम को साथ चलने से विवक्त पदार्थ)	खांगर का 0.125 कि.ग्रा./टन (01.01.2017 में)
		उर्ध्वधर शाफ्ट भट्टा आधारित संयंत्र (अपरिष्कृत मिल, भट्टा के साथ चलने से प्राप्त विवक्त पदार्थ)	खांगर का 0.50 कि.ग्रा./टन (01.01.2017 में)।"

[फा. सं. क्र. -15017/30/2007-सी पी डब्ल्यू.]

डॉ. राशिद हमन, मन्दाहकार

टिप्पण—मूल नियम भारत के राजपत्र में का.आ. सं. 844(अ), 19 नवंबर, 1986 द्वारा प्रकाशित किए गए थे और तत्पश्चात् अधिसूचना सं. 433(अ), तारीख 18 अप्रैल, 1987 ; सा.का.नि. सं. 97(अ), तारीख 18 फरवरी, 2009 ; सा.का.नि. सं. 149(अ), तारीख 4 मार्च, 2009 ; सा.का.नि. सं. 739(अ), तारीख 9 सितंबर, 2010 ; सा.का.नि. सं. 809(अ), तारीख 4 अक्टूबर, 2010 ; सा.का.नि. सं. 215(अ), तारीख 15 मार्च, 2011 ; सा.का.नि. सं. 221(अ), तारीख 18 मार्च, 2011 ; सा.का.नि. सं. 354(अ), तारीख 2 मई, 2011 ; सा.का.नि. सं. 424(अ), तारीख 1 जून, 2011 ; सा.का.नि. सं. 446(अ), तारीख 13 जून, 2011 ; सा.का.नि. सं. 152(अ), तारीख 16 मार्च, 2012 ; सा.का.नि. सं. 266(अ), तारीख 30 मार्च, 2012 ; और सा.का.नि. सं. 277(अ), तारीख 31 मार्च, 2012 ; और सा.का.नि. सं. 820(अ), तारीख 9 नवंबर, 2012 ; सा.का.नि. सं. 176(अ), तारीख 18 मार्च, 2013 ; सा.का.नि. सं. 535(अ), तारीख 7 अगस्त, 2013 ; सा.का.नि. सं. 771(अ), तारीख 11 दिसंबर, 2013 ; सा.का.नि. सं. 2(अ), तारीख 2 जनवरी, 2014 ; सा.का.नि. सं. 229(अ), तारीख 28 मार्च, 2014 ; सा.का.नि. सं. 232(अ), तारीख 31 मार्च, 2014 और सा.का.नि. सं. 325(अ), तारीख 7 मई, 2014 द्वारा संशोधित किए गए थे।

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 25th August, 2014

G.S.R. 612(E).— In exercise of the powers conferred by sections 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely :—

1. (1) These rules may be called the Environment (Protection) (Fifth Amendment) Rules, 2014.
- (2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Environment (Protection) Rules, 1986,—
- (a) in Schedule I, for serial number 10 and entries relating thereto, the following serial number and entries shall be substituted, namely :—

S. No.	Industry	Parameter	Standards	
(1)	(2)	(3)	(4)	
"10	Cement Plant (without coprocessing), Standalone Clinker Grinding Plant or, Blending Plant	Particulate Matter	A. - Emission Standards	
(i) Rotary Kiln - without coprocessing				
Date of Commissioning			Location	Concentration not to exceed, in mg/ Nm ³
		(a)	(b)	(c)
		on or after the date of notification	anywhere in the country	30 (with effect from 01.01.2016)

			before the date of notification	critically polluted area or urban centres with population above 1.0 lakh or within its periphery of 5.0 kilometre radius	50 (with effect from 01.01.2015)
					30 (with effect from 01.06.2016)
				other than critically polluted area or urban centres	100 (with effect from 01.01.2015)
					30 (with effect from 01.06.2016)
		Sulphur Dioxide (SO ₂)	irrespective of date of commissioning	anywhere in the country	100
		Nitrogen Dioxide (NO ₂)	on or after the date of notification	anywhere in the country	600 (with effect from 01.06.2015)
before the date of notification	anywhere in the country		800 (with effect from 01.01.2016)		

(1)	(2)	(3)	(4)		
			(a)	(b)	(c)
			(ii) Vertical Shaft Kiln – (without coprocessing)		
		Particulate Matter (PM)	on or after the date of notification	anywhere in the country	50 (with effect from 01.06.2016)
			before the date of notification	critically polluted area or urban Centres with population above 1.0 lakh or within its periphery of 5 kilometre radius	100 (with effect from 01.06.2015)
				other than critically polluted area or urban centres	75 (with effect from 01.06.2016)
		Sulphur Dioxide (SO ₂)	-	-	150 (with effect from 01.01.2015)
		Nitrogen Dioxide (NO ₂)	-	-	200 (with effect from 01.01.2016)
					500 (with effect from 01.01.2016)

3351 4/14-2

		<p>Note :—</p> <p>a. The height of each stack including Clinker Grinding Plant, Coal Mill, Raw Mill, Grinding, Packaging Section, etc. shall be of a minimum of 30 metres or, as per the formula $H=14(Q)^{0.3}$, whichever is more, where "H" is the height of stack in metres and "Q" is the maximum quantity of SO₂ expected to be emitted in kg/hr through the stack at 100 per cent rated capacity of the plant and calculated as per the norms of gaseous emission.</p> <p>b. Above norms shall be applicable even if pet-coke is mixed with coal or, used alone for clinker making in kiln provided, pet-coke has been notified as 'approved fuel' by the concerned State Pollution Control Board/ Pollution Control Committee under the Air (Prevention and Control of Pollution) Act, 1981.</p> <p>c. All monitored values for SO₂ and NO₂ shall be corrected to 10% Oxygen, on dry basis. The norms for SO₂ and NO₂ shall be applicable to stacks attached to kiln.</p> <p>d. Scrubber meant for scrubbing emissions shall not be used as quencher. Plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be atleast equal to the main stack.</p>		

(1)	(2)	(3)	(4)
		B.- Service wastewater- (without coprocessing)	
		All efforts shall be made by the industry for 'zero discharge' of service wastewater. In case the industry prefers to discharge service wastewater, the following norms shall be complied with:	
		Concentration not to exceed, milligramme per litre (except pH and temperature)	
		pH	5.5 to 9.0
		Suspended Solids	100
		Oil and Grease	10
		Temperature	not more than 5°C higher than the intake water temperature
		C.- Stormwater	
		(I) Stormwater shall not be allowed to mix with effluent, treated sewage, scrubber water and/ or floor washings.	
		(II) Stormwater within battery limits of industry shall be channelized through separate drain(s) as per natural gradient passing through high density polyethylene lined pit(s) each having holding capacity of 10 minutes (hourly average) of rainfall for its catchment area."	

(b) in Schedule VI, under 'PART- D' relating to General Emission Standards, in item III relating to Load/Mass based standards, after serial number 9, and the entries relating thereto, the following serial number and entries shall be inserted, namely :--

(1)	(2)	(3)	(4)
10	Cement Plants (without coprocessing)	Rotary kiln based plants (Particulate Matter from raw mill, kiln and pre-calciner system put together).	0.125 Kg/ tonne of clinker (with effect from 01.01.2017)
		Vertical shaft kiln based plants (Particulate Matter from raw mill and kiln put together)	0.50 Kg/ tonne of clinker (with effect from 01.01.2017)

[F. No. Q-15017/30/2007-CPW]

DR. RASHID HASAN, Advisor

Note: —The principal rules were published in the Gazette of India vide number S.O. 844 (E), 19th November, 1986 and subsequently amended vide notifications numbers S.O. 433 (E), dated 18th April 1987; G.S.R. 97 (E), dated the 18th February, 2009; G.S.R. 149 (E), dated the 4th March, 2009; G.S.R. 739 (E), dated the 9th September, 2010, G.S.R. 809(E), dated, the 4th October, 2010, G.S.R. 215 (E), dated the 15th March, 2011; G.S.R. 221(E), dated the 18th March, 2011; G.S.R. 354 (E), dated the 2nd May, 2011; G.S.R. 424 (E), dated the 1st June, 2011. G.S.R. 446 (E), dated the 13th June, 2011; G.S.R. 152 (E), dated the 16th March, 2012; G.S.R. 266(E), dated the 30th March, 2012; and G.S.R. 277 (E), dated the 31st March, 2012; and G.S.R. 820(E), dated the 9th November, 2012; G.S.R. 176 (E), dated the 18th March, 2013; G.S.R. 535(E), dated the 7th August, 2013, G.S.R. 771(E), dated the 11th December, 2013; G.S.R. 2(E), dated the 2nd January, 2014; G.S.R. 229 (E), dated the 28th March, 2014; G.S.R. 232(E), dated the 31st March, 2014; and G.S.R. 325(E), dated the 7th May, 2014.