

MAHARASHTRA POLLUTION CONTROL BOARD

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Mumbai - 400 022

Consent No: Format 1.0/ BO/CAC-~~422~~ EIC No:-CH-1395-13 & CH-1489-13/CAC/CA-~~422~~
Date: 16/07/2013

To,
UltraTech Cement Limited.
Awarpur Cement Works,
PO - Awarpur, Th. Korpana
District-Chandrapur (M.S.), 442917

Subject: Consent to 1st Operate for WHRB & change of Fuel with amalgamation of existing consent under RED category.

- Ref :**
1. Consent to Establish granted vide no. BO/JD(APC)/EIC No.CH - 0594 - 11/E/CC - 463 dtd 29-09-2011
 2. Earlier consent granted vide No. BO/JD (APC)/ EIC No. CH - 0843 - 12/R/CC - CAC-422, dtd 08.05.2012
 2. Minutes of CAC meeting held on 07.07.2014

Your application: CE1312000636 & CO1312000279

For: Consent to 1st Operate for WHRB & change of Fuel with amalgamation of existing consent

under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period from 01.03.2014 to 31.03.2015
2. The actual capital investment of the industry is Rs. 144.12 Crs. (As per C A Certificate submitted by Industry) + 961.59 crore (existing CTO). The Total capital investment of the industry is Rs. 1105.71 crore.
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity
1	Electricity Generation (Waste Heat Recovery Boiler)	13.3 MW
2	Portland Cement	4.48 million ton/year
3	Lime Stone	5.0 million ton/year
4	Electricity	2x 23 & 1x 25 MW
5	Clean coal	0.71 million ton/year
6	Middling	0.38 million ton/year
7	Rejects	0.11 million ton/year

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. no.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	78 + 1693	As per Schedule -I	Land/Recycle
2.	Domestic effluent	5 + 858	As per Schedule -I	Land/Recycle

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Kiln/Raw mill - I	1	As per Schedule -II
2.	Kiln/Raw mill - II	1	As per Schedule -II
3.	Cooler - I	1	As per Schedule -II
4.	Cooler - 2	1	As per Schedule -II
5.	Cement mill	4	As per Schedule -II
6.	Lime stone Crusher	2	As per Schedule -II
7.	Coal Mill - I	1	As per Schedule -II
8.	Coal Mill - II	1	As per Schedule -II
9.	Boiler - I & II	1	As per Schedule -II
10.	Boiler.- III	1	As per Schedule -II
11.	Packer	10	As per Schedule -II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bottom of WHRS Boiler Dust	58 MT/Day	--	Shall be used for cement manufacture/recycled in the process
2	Fly ash	12600 ton/day	--	Recycled into cement manufacture

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Used/spent oil	5.1	220	Kg/Day	--	Sent to CPCB/SPCB authorized re-processors

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. The Industry shall obtain amendment in EC for fuel change.
10. This consent is issued with overriding effect to earlier consent granted vide No. No. BO/JD (APC)/ EIC No. CH - 0843 - 12/R/CC - CAC-422, dtd 08.05.2012.
11. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

For and on behalf of the
Maharashtra Pollution Control Board

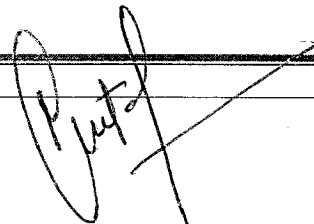
(Rajeev Kumar Mital, IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount(Rs.)	Cheq. No.	Date	Drawn On
1.	288,340/-	67009	18.07.2013	HDFC BANK
2.	96,114/-	677387	02.01.2014	HDFC BANK

Copy to:

1. Regional Officer - Chandrapur, and Sub-Regional Officer - Chandrapur, MPCB, Chandrapur. They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk - for record & website updation purposes.



Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided the Effluent Treatment Plant (ETP)/Neutralization Pit with the design capacity of 1000.0 CMD.

B] The Applicant shall operate the effluent treatment plant (ETP) /Neutralization Pit to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by board (if any)
	I. Compulsory Parameters	Limiting Concentration in mg/l, except for pH
01	pH	5.5 - 9.0
02	Oil & Grease	10
03	BOD (3 days 27oC)	100
04	Total Dissolved Solids	2100
05	Suspended Solids	100
06	COD	250
07	Chloride	600
08	Sulphate	1000
09	Phenol	1.0

The industrial effluent arising from various sections of power plant shall be given such treatment either collective or individually as the site condition permits that the final quality of effluent shall have following character standards :

I. Condenser Cooling Water

- | | | |
|----------------------------|---------------|--|
| 1) pH | Between | 6.5 to 8.5 |
| 2) Temperature | Not to exceed | 5 Degree C. Higher than the intake water Temp. |
| 3) Free Available Chlorine | Not to Exceed | 0.5 mg/l |

II. Boiler Blow Down

- | | | |
|-------------------|---------------|----------|
| 1) SS | Not to Exceed | 100 mg/l |
| 2) Oil and Grease | Not to Exceed | 20 mg/l |
| 3) Copper (Total) | Not to Exceed | 1.0 mg/l |
| 4) Iron (Total) | Not to Exceed | 1.0 mg/l |

III. Cooling Tower Blow Down

- | | | |
|----------------------------|---------------|----------|
| 1) Free Available Chlorine | Not to Exceed | 0.5 mg/l |
| 2) Zinc | Not to Exceed | 1.0 mg/l |
| 3) Chromium (Total) | Not to Exceed | 0.2 mg/l |
| 4) Phosphate | Not to Exceed | 5.0 mg/l |

IV. DM Plant Effluent

- | | | |
|-----------------------|---------------|------------|
| 1) pH | Between | 5.5 to 9.0 |
| 2) BOD days 27 Deg. C | Not to Exceed | 100 mg/l |
| 3) COD | Not to Exceed | 250 mg/l |
| 4) SS | Not to Exceed | 100 mg/l |
| 5) Oil and Grease | Not to Exceed | 10 mg/l |
| 6) TDS | Not to Exceed | 2100 mg/l |

C) The treated effluent shall be recycled/reused to the maximum extent for cooling, ash quenching, ash slurry and dust suppression and remaining disposed on land of 62 acres for gardening/plantation purpose in the factory premises only.

2) A.] As per your consent application, you have provided the sewage treatment system with the design capacity of 1010, 300 & 100 CMD.

B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

(1)	Suspended Solids.	Not to exceed	100	mg/l.
(2)	BOD 3 days 27°C.	Not to exceed	100	mg/l.

C] The treated sewage shall be disposed on land of 62 acres for gardening / irrigation.

3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.

4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	160 + 10557
2.	Domestic purpose	6.0 + 1072
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	94 + 521
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	--

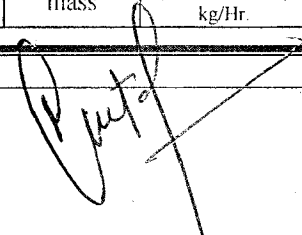
6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under Environmental Clearance / CREP guidelines.

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %	SO ₂ kg/day
1.	Line - 1 AQC - 1 Boiler (4.48 TPH) PH - 1 Boiler (14.68 TPH) PH - 2 Boiler (22.55 TPH)	RABH (Attached to Kiln/ Raw mill stack -I)	80	NA	NA	NA	NA
2.	Line - 2 AQC - 2 Boiler (3.7 TPH) PH - 1 Boiler (8.22 TPH) PH - 2 Boiler (15.09 TPH)	ESP (Attached to Kiln/ Raw mill stack -II)	89.0 m	NA	NA	NA	NA
3.	Kiln & Raw Mill - I (1 x 4600 TPD)	RABH	80.0 m	Coal +Bio mass	31000 (29450+1550) kg/Hr.	0.2	6500
4.	Cooler-I (1 x 4600 TPD)	ESP	40.0 m	--	--	--	--
5.	Coal Mill-I (1 x 30 TPH)	Bag Filter	40.0 m	--	--	--	--
6.	Cement Mill-I (1 x 110 TPH)	ESP	40.0 m	--	--	--	--
7.	Cement Mill-II (1 x 110 TPH)	ESP	40.0 m	--	--	--	--
8.	L/S Crusher (1 x 1000 TPH)	Bag Filter	25.0 m	--	--	--	--
9.	Kiln & Raw Mill - II (1 x 5000 TPD)	ESP	89.0 m	Coal +Bio mass	33000 (31350 + 1650) kg/Hr.	0.2	6500
10.	Cooler-II (1 x 5100 TPD)	ESP	40.0 m	--	--	--	--
11.	Coal Mill - II (1 x 60 TPH)	Bag Filter	40.0 m	--	--	--	--
12.	Cement Mill-III (1 x 150 TPH)	ESP	35.0 m	--	--	--	--
13.	Cement Mill-IV (1 x 150 TPH)	ESP	35.0 m	--	--	--	--
14.	Packers. I to 10 (10 x 100 TPH)	Bag Filter to each Packer	30.0 m each	--	--	--	--
15.	Boiler 1 & 2	ESP & ESP	98	Coal +Bio mass	50000 (47500 +2500) kg/Hr.	0.5	5500
16.	Boiler - 3	ESP	93	Coal +Bio mass	25000 (23750 +1250) kg/Hr.	0.5	6000



2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)

3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	i) For Captive power plant 50 mg/Nm ³ ii) For Cement Plant & its Expansion 100 mg/Nm ³
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4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.

5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

6. Control Equipment

1) For Cement Plant

- i) Dust collector of sufficient capacity shall be provided to (a) Coal Mill I & II (b) Packers I to X, operated properly.
- ii) Electrostatic Precipitator of 99% efficiency provided to kiln I & II cooler & I, Cement Mill I to IV, shall be operate and maintain properly.

2) For Lime Stone Mine:-

- 1) Lime handling plant will be provided with dust collector and automatic water sprinkler.
- 2) Spraying of water on all working area, dump area, stock pies.
- 3) Lime shall be properly covered during transportation.
- 4) The applicant shall carry out tree plantation along road sde and around dumps or compulsory afforestation as per proposal approved by forest department. The tree plantation programme shall be taken up well in advane of the actual mining activity, so that green belt of sufficient width and height is developed between mining area/ roads and surrounding environments.
- 5) Black topped metalled roads shall be provided and well maintained to prevent dust formation.
- 6) Overloading of dumper shall be avoided to prevent spillages.
- 7) The correct type of quantity of explosives shall be used to avoide the excess dust formation and vibration in the surrounding areas.
- 8) The slope of overburden shall have slope but no t more than 28 degree to the horizontal. The overburden shall be properly covered by vegetation for stabilization.

3) For Captive Power Plant :-

- 1) Electrostatic precipitator to boiler to limit the particulate matter should be operated and maintained properly.
- 2) Dust collection system automatic water sprinkler system provided to coal handling plant should be operated and maintained properly.

- 3) Dust collector of sufficient capacity / automatic water sprinkler system should be provided to prevent coal crusher and any other sources of SPM shall be operated and maintained properly.
- 4) There shall not be any fugitive emission from coal storage yard.
- 5) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain safe environment in and around the factory premises.

4) For Coal Washery Unit:-

- 1) Coal handling plant shall be provided with dust collector, complete dust extraction arrangement and automatic water sprinkler with fog nozzles shall be provided where necessary for dust suppression. Dust generation points/ machinery shall be covered by hoods.
- 2) Bag filters of sufficient capacity shall be provided to coal crusher, pulverizers and all sources of dust emissions and operated it properly.
- 3) Spraying of water through mist sprays and water curtains on all working area, dump area, stock piles.
- 4) Coal shall be properly covered during transportation.
- 5) The applicant shall carry out tree plantation along road side.
- 6) All internal roads shall be paved and well maintained to prevent dust emissions.
- 7) Overloading of dumpers shall be avoided to prevent spillages.
- 8) Water or water mixed chemical shall be sprayed at all strategic coal transfer points such as conveyors, loading unloading points etc. As far as practically possible conveyors, transfer points etc, shall be provided with enclosures.
- 9) The crusher/ pulverizes of the coal washeries shall be provided with enclosures, fitted with suitable air pollution control measures and finally emitted through a stack of minimum height of 30mtrs, conforming particulate emissions standards of 100 mg/nm3 or provided with adequate water sprinkling arrangement.
- 10) Water sprinkling by using fine atomizer nozzles arrangements shall be provided on the coal heaps and on land around the crushers/ pulverisers.
- 11) Area in and around the coal washery shall be pucca either asphalted or concreted.
- 12) Green belt shall be developed along the road side, coal handling plants residential complex, office building an all around the boundary line of the coal washery.
- 13) Storage bunkers, hoppers, rubber deckis in chutes and centrifugal chutes shall be provided with proper rubber linings.
- 14) Vehicles movement in the coal washery area shall be regulated effectively to avoid traffic congestion, High pressure horn shall be prohibited. Smoke emission from heavy duty vehicles operating in the coal wahseries should confirm the standards prescribed under Motor Vehicle Rules, 1989.
- 15) The coal transportation shall be done by conveyor system wherever, possible or mechanically covered vehicles shall be provided for transportation of coal.

B) Standards for Ambient Air Pollutants :-

i)	PM10	-	Not exceed	100	ug/M3
ii)	PM2.5	-	Not exceed	60	ug/m3
iii)	SO2	-	Not exceed	80	ug/m3
iv)	NO2	-	Not exceed	80	ug/m3

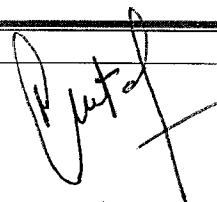
C) Standards for Emissions of Air Pollutants :-

i)	Particulate matter	Not to exceed	50	mg/NM3(for captive power plants)
ii)	Particulate matter	Not to exceed	100	mg/NM3(for cement plants & its expansion unit)

D) **Condition of Lime Crushing:**

The Suspended particulate matter measured between three meters and ten meters from any processors equipment of a lime crushing unit shall not exceed 600 ug/m³. This unit must also adopt the following pollution control measures.

- i) Lime handling plant will be provided with dust collector and automatic water sprinkling.
 - ii) Spraying of water on all working area, dump area, stock piles.
 - iii) Lime shall be properly covered during transportation.
 - iv) Black topped metalled roads shall be provided and well maintained to prevent dust formation.
 - v) Overloading of dumper shall be avoided to prevent spillages.
- ii) The applicant shall observe the following fuel pattern.



**Schedule-III
Details of Bank Guarantees**

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	50.0 Lacs		To achieve SPM/TPM 50 mg/Nm ³ within three years	3 year	31.03.2015

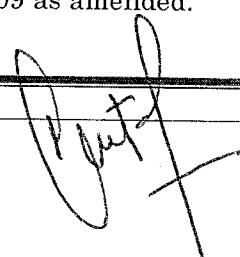
Sr. No	Consent	Code	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	CeAO1a	2000000/-	25.07.2014	To achieve consented standards from source emission	31.03.2015	31.07.2015
2	C to O	CeAO1b	500000/-	25.07.2014	Fugitive emissions	31.03.2015	31.07.2015
3	C to O	CeAC4	100000/-	25.07.2014	Submission of plans for NOx reduction in six months	31.03.2015	31.07.2015
4	C to O	CeHC1	10000/-	25.07.2014	Industry to dispose Fly ash as per fly ash notification	31.03.2015	31.07.2015
5	C to O	---	200000/-	25.07.2014	Industry shall submit performance evaluation of STP unit	31.03.2015	31.07.2015

Schedule-IV

General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker.
- 3) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 4) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 6) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 7) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 8) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2008, which can be recycled
- 9) /processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 10) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 11) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 12) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity (in case of Consent to establish).
- 13) The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent (in case of Renewal of consent).
- 14) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 15) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 16) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the

- pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 17) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 18) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 19) Conditions for D.G. Set
- a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 20) The industry should not cause any nuisance in surrounding area.
- 21) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 22) The applicant shall maintain good housekeeping.
- 23) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 24) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 25) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 26) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 27) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 28) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.



- 29) The industry shall comply with the notification issued by MoEF for utilization of fly ash from coal or lignite based thermal power plants dated 14th September, 1999 and as amended on 3rd November, 2009.
- 30) Industry shall provide dry fly ash handling & collection system and utilize the fly ash as per the fly ash notification of the Govt. of India
- 31) Transportation of coal & fly ash shall be by closed system, Conveyor system wherever possible.
- 32) The applicant shall operate & maintain continuous automatic ambient air and micrometeorological monitoring station at location indicated by State Board and operate at its own cost measure SO₂, NO_x and particulate matter. These CAAQMS shall also have necessary provision of networking to the Air Quality Monitoring network of MPCB.

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