MAHARASHTRA POLLUTION CONTROL BOARD

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RED/L.S.I (R53)
No:- Format1.0/CAC/UAN No.0000107013/CR - 2110000101

Date: 04/10/2021

To,
M/s. Steel authority of India Ltd.,
Chandrapur ferro alloy plant,
Sr. No. 498/2,499,500,503/2, Mul road, Chandrapur.

Your Service is Our Duty

Sub: Renewal of consent with increase in CI

Ref:
1. Previous 1st Consent to operate for expansion (part) & amalgamation with existing consent granted by Board vide No. BO/CAC-Cell/UAN No. 8859-18/CO/12th CAC-1905000074, dated 02.05.2019 which is valid up to 31.03.2021.
2. Minutes of CAC meeting held on 12.04.2021 & 15.04.2021.

Your application No.MPCB-CONSENT-0000107013 Dated 22.01.2021

For: grant of Renewal of consent with increase in CI 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 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 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 to renewal is granted for a period up to 31/12/2021**
2. **The capital investment of the project is Rs.363.42 Crs. (As per C.A Certificate submitted by industry Existing CI is of Rs. 317.61 Crs + Increase in C.I. by Rs. 45.81 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	High carbon ferro manganese	96660	MT/A
2	Silico manganese	80540	MT/A
3	Medium carbon ferro manganese	200	MT/M
4	Manganese ore sinter at SP-I	1170	MT/M
5	Manganese ore sinter at SP-II	1335	MT/M
6	Lime through lime kiln	165	MT/M
7	Power generation	4.2	MW
8	Nitrogen Gas	73	Nm3/hr
By Products			
9	Furnace gas	19000	m3/hr

Sr No	Product	Maximum Quantity	UOM
10	High MnO slag (Fe, Mn slag)	8240	MT/M
11	Low MnO slag (Fe, Mn slag)	6040	MT/M

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	860	As per Schedule-I	100% recycled in the process
2.	Domestic effluent	168	As per Schedule-I	100% recycle/reuse.

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	1 MVA EAF	1	As per Schedule -II
2	S-2	Submerged Gas Furnace	1	As per Schedule -II
3	S-3 to S-5	Furnace SAF - I, II & III	1	As per Schedule -II
4	S-6	Sinter plant-I	1	As per Schedule -II
5	S-7	Sinter plant-II	1	As per Schedule -II
6	S-8	Country Kiln - I	1	As per Schedule -II
7	S-9	Country Kiln - II	1	As per Schedule -II
8	S-10	4.2 MW Power Plant	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	High carbon ferro manganese Slag	5250	MT/M	Reuse	100 % used in Silico Manganese production in the plant
2	Silico manganese slag	6041	MT/M	Reuse	100 % reused in SiMn production and filling in low lying areas and for stowing in underground coal

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	35.1 Exhaust Air or Gas cleaning residue	10100	MT/A	Reuse	100 % utilization- It is agglomerated in sinter plants and it will be used in brick block making
2	5.1 Used or spent oil	21	KL/A	Reprocessing	Sale to authorized party for recycle

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
3	NA (Mixed non-ferrous scrap	1	MT/A	Reprocessing	Sale to authorized party for recycle

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. By forfeiting proportionate BG towards JVS exceedance of stack for the parameter TPM.
11. PP shall submit upgradation plan towards PCs of sinter plant-I so as to achieve TPM standards.
12. PP shall comply with the conditions stipulated in EC & consent.
13. PP shall operate the chemical fogger system round the clock to control the fugitive emissions from sinter plant & raw material handling area.
14. PP shall achieve the TPM - 50 mg/Nm3 as per notification of MoEF & CC vide dated 04.12.2019.
15. This consent is issued pursuant to the decision of the 1st Consent Appraisal Committee Meeting held on 12.04.2021 & 15.04.2021.
16. PP shall submit/extend the existing BGs totaling of Rs. 25.0 Lakh towards O & M of PCs.
17. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2180520.00	MPCB-DR-4072	27/01/2021	RTGS
2	9000.00	MPCB-DR-4593	23/02/2021	NEFT

(The fees of Rs. 6,20,130/- is considered for this application & fees of Rs. 15,69,390/- is balance with the Board which will be considered during next renewal of consent)

Copy to:

1. Regional Officer, MPCB, Chandrapur and Sub-Regional Officer, MPCB, Chandrapur
- They are directed to ensure the compliance of the consent conditions.
- 1. They are directed to forfeit the bank guarantee of Rs. 2.5 Lakh towards JVS exceedance of stack & obtain top up BG to form the sum of Rs. 25.0 Lakh from the industry. 2. They are directed to release the BG of Rs. 10.0 Lakh each obtained towards non-operation of 1 MVA EAF and provision of STP as industry has provided the APCs & STP respectively.
2. Chief Accounts Officer, MPCB,Sion, Mumbai
3. CAC Desk - for record & updation purposes.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1) **A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 840.00 CMD consisting of Primary for the treatment of 860.00 CMD industrial effluent**

B] The Applicant shall operate the effluent treatment plant (ETP) 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	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	5.5 to 8.5
(2)	Oil & Grease	10
(3)	BOD (3 days 27°C)	30
(4)	Total Suspended solids	100
(5)	TDS	2100
(6)	COD	250
(7)	Chloride	600
(8)	Sulphate	1000
(9)	Iron	5.0

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

Sr. No.	Parameters	Limiting concentration not to exceed in mg/l, except for pH
For Condenser Cooling Water		
(1)	pH	Between 6.5 to 8.5
(2)	Temperature	Not to exceed 5°C than that of intake water temp.
(3)	Free available chlorine	Not to exceed 0.5
Boiler Blow Down		
(1)	Suspended Solids	Not to exceed 100
(2)	Oil & Grease	Not to exceed 10
(3)	Copper (Total)	Not to exceed 1
(4)	Iron (Total)	Not to exceed 1
Cooling Tower Blow Down		
(1)	Free available chlorine	Not to exceed 0.5
(2)	Zinc	Not to exceed 1
(3)	Chromium (Total)	Not to exceed 0.2
(4)	Phosphate	Not to exceed 5

Sr. No.	Parameters	Limiting concentration not to exceed in mg/l, except for pH
	D.M. Plant Effluent	
(1)	pH	5.5 to 9
(2)	Suspended Solids	Not to exceed 100
(3)	Oil & Grease	Not to exceed 10
(4)	BOD 3 days	Not to exceed 30
(5)	COD	Not to exceed 250
(6)	TDS	Not to exceed 2100

(a) All efforts should be made to reuse and re-circulate the water and to maintain zero effluent discharge.

(b) In case of maintainance and cleaning of the settling tank effluent of wet scrubbing system of re-circulation system is required to be discharged, it should be treated suitable to confirm the following standards.

pH	Between	5.5-9.0
Total Suspended Solids	Not to exceed	100 mg/l
Chemical Oxygen Demand	Not to exceed	250 mg/l
O&G	Not to exceed	10 mg/l

C] The treated effluent shall be 100% recycled in process to achieve ZLD. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.

D] The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.

2) **A] As per your application, you have provided STP design capacity of 200 CMD for the treatment of 168 CMD sewage.**

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	50 mg/l
2	BOD 3 days (27°C)	Not to exceed	30 mg/l
3	COD	Not to exceed	100 mg/l

C] The treated sewage shall be utilized for gardening. In no case, treated sewage shall be disposed of outside factory premises.

3) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters, 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	7100.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
2.	Domestic purpose	235.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	840.00
5.	Grandening	130

4) **Project proponent shall provide online continuous monitoring of effluent and flow meters in the channel /drain carrying effluent within the premises.**

5) **Prior permission shall be obtained from CGWA / irrigation department if ground Water/surface water is being used for industrial/Domestic purpose.**

6) **The Board reserves its right to review plans,specifications or other data relating to plant setup for the treatment of water works for the purification thereof & the system for disposal of sewage or trade effluent or in the 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 or disposal system or and extension or addition thereto.**

7) **The Applicant shall provide specific water pollution control system as per the condition of EP Act,1986, and rules made there under from time to time/ 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 erected following stack(s) and observe the following fuel pattern-**

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO_2
S-1	1 MVA EAF	Fume extraction system	35	Electricity	0 --NA--	0.00	0.00
S-2	Submerged Gas Furnace-I	Gas cleaning plant followed by wet scrubber	45	ELECTRICITY	0 --NA--	0.00	0.00
S-3	Submerged arc furnace -I	Gas Cleaning plant followed by Wet scrubber	45	Electricity	0 --NA--	0.00	0.00
S-4	Submerged Arc furnace - II	Gas cleaning plant followed by Wet scrubber	45	Electricity	0 --NA--	0.00	0.00
S-5	Submerged Arc furnace - III	Fume extraction system	35	Electricity	0 --NA--	0.00	0.00
S-6	Sinter Plant -1	Multi cyclone	15	Clean SAF Gas	300 Nm3/hr	0.00	0.00
S-7	Sinter Plant -2	Multicyclone	30	Clean SAF Gas	100 Nm3/hr	0.00	0.00
S-8	Country kiln -1	NA	16	Clean SAF Gas	0 --NA--	0.00	0.00
S-9	Country Kiln - II	NA	17	Clean SAF Gas	0 --NA--	0.00	0.00
S-10	4.2 MW Power Plant	NA	52.5	Clean SAF Gas	8000 Nm3/hr	0.00	0.00
S-10	4.2 MW Power Plant	NA	52.5	FO (will be used when SAF gas is not available)	200 KL/A	4.50	12.00

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.**

B. Sintering and Pelletizing Plants - Main and secondary stacks emission	
Particulate Matter (PM)	50 mg/Nm^3

SO^2	500 mg/Nm^3
NOx	500 mg/Nm^3
E. Process Gas Based Power Plants / Boilers	
Particulate Matter (PM)	50 mg/Nm^3
SO^2	300 mg/Nm^3
NOx	400 mg/Nm^3
G. Lime kilns, Dolomite kilns, Refractory units	
Particulate Matter (PM)	50 mg/Nm^3
SO^2	400 mg/Nm^3
NOx	500 mg/Nm^3
I. Electric Arc Furnaces	
Particulate Matter (PM)	50 mg/Nm^3
J. Induction Furnaces	
Particulate Matter (PM)	50 mg/Nm^3

3) **The internal roads shall be cement concrete and shall be maintained with adequate green belt.**

4) **The industry shall not cause any nuisance in surrounding area.**

5) **Industry shall install 24*7 online continuous emission monitoring system at process stack to monitor stack emissions as per CPCB guidelines and it's connectivity to CPCB & MPCB Servers. PP shall Calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.**

6) A) Control Equipment

The industry shall install a comprehensive control system consisting of control equipments as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

1. Dust Collector/ESP/Bag Filter/Scrubber of sufficient capacities shall be provided to
    1. FBC Boiler
    2. WHRSG Boiler
    3. Cooler (DRP)
    4. Discharge Building (DRP)
    5. Coal Crusher (DRP)
    6. Raw Material handling (DRP)
2. Industry should provide for Scrubber to reduce Sox emission before it going to ESP.
3. The air pollution control system comprising of economizer, air preheater and ESP of sufficient capacities shall be provided to boiler and shall be operated and maintained properly.

4. Coal Handling Plant shall be provided with dust collector, complete dust extraction arrangement automatic water sprinkling with fog nozzles shall be provided wherever necessary for dust suppression. The following shall be taken care as follows

    1. Dust generation points machinery will be covered by hoods.
    2. Spraying of water as necessary at working area, dump area, stock piles etc
    3. Coal shall be properly covered during transportation.
    4. The applicant shall carry out tree plantation along road side.
    5. Black topping metalled/tarred/MBF slag mixed cement roads shall be provided and well maintained to prevent dust formation.
    6. Overloading of dumpers shall be avoided to prevent spillages.

5. Adequately designed ESP or Bag filter or wet scrubbing system or other suitable and adequate air pollution system/combination of system should be installed to achieve the prescribed stack emission.

    1. Kiln off gas treatment with efficient de-dusting shall be provided. The plant having more than 100 TPD shall use waste Heat Recovery Boiler for generation of power.
    2. The safety cap/emergency stack or rotary kiln type plant, which is generally installed above the After burner Chamber (ABC) of feed end column should not be used for discharging untreated emission by passing the air pollution control device. The stack cap to be kept open only during extreme emergency & its opening & closing must be logged & reported to MPCB.
    3. Inter locking facility should be provided to ensure stoppage of plant in case of failure of the pollution control systems and safety cap of the rotary kiln is bypassing the emissions.
    4. There shall not be any Secondary (fugitive) emission from the plant.

B) Noise Levels Standards

1.00 AM – 10.00 PM	10.00 PM - 6.00 AM
Noise level Leq 75 dB (9A)	Leq 70 dB (A)

C) Fugitive Emission Standards

The fugitive emissions level of suspended particulate matter (SPM) should not exceed 2000 µg/m3.The applicant shall install de-dusting system at the following locations & monitor the fugitive emissions levels and submit report to the board monthly.

a. The existing industry shall comply with the standard of 2000 ug/m^3

b. Fugitive emission shall be monitored at a distance 10 meters from the source of fugitive emissions as per following.

Sr. No.	Area	Monitoring Location
1.	Raw material handling area	Wagon tippler, Screen area, Transfer Points, Stock Bin area.
2.	Crusher area	Crushing plant, vibrating screen, transfer points.
3.	Raw material feed area	Feeder area, Mixing area, transfer points, days bins
4.	Cooler discharge area	Over size discharge area, Transfer points.
5.	Product processing area	Intermediate stock bin area. Vibrating screens, Magnetic Separation unit. Transfer Points, Over Size discharge area, Product separation area, Bagging area, hoppers/storage bins.

D) Raw Material handling and Preparation

a. Unloading of coal by trucks or wagons should be carried out with proper care avoiding dropping of the materials from height. It is advisable to moist the material by sprinkling water while unloading.

b. Crushing and screening operation should be carried out in enclosed area. Centralizes de-dusting facility (collection hood and suction arrangements followed by de-ducting unit like bag- filter or ESP or equally effective method or wet scrubber and finally discharge of emission through a stack) should be provided to control Fugitive Particulate Matter Emissions. Particulate Matter emission level in the stack should not exceed 100 mg/Nm3. Water sprinkling arrangement should be provided at raw material heaps and on land around he crushing and screening units.

c. Work area surrounding the plant shall be asphalted or concreted.

d. Enclosure should be provided for belt conveyors and transfer points of belt conveyors.

The above enclosures shall be rigid (and not of flexible/cloth type enclosures) and to be fitted with self-closing doors and close fitting entrances and exists. Where conveyors pass through the enclosures, flexible covers should be installed at entries and exit of the conveyors to the enclosures, minimizing the gaps around the conveyors.In wet system, provide water sprays/ sprinklers at following strategic location for dust suppression raw material transfer.

- Belt conveyors discharge / transfer point
- Crusher / screen discharge locations.

E) Cooler Discharge and Product Separation Unit.

Enclosure should be provided for belt conveyors and transfer points of belt conveyors. Dust extraction cum control system to be installed preferably bag filter or ESP or equally effective method to arrest product loss in Cooler Discharge and Product Separation area, the stack emission not be exceed 100 mg/Nm3. (Particulate Matter).

G) Extensive plantation/ Green belt shall be developed along the roads and boundary line of the industry.

G) Stack, effluent, fugitive emission, noise monitoring shall be done as per CPCB regulation and MPCB's consent conditions.

H) Pollution control system shall be operated as an integral part of production to ensure minimum emissions. Pollution Control System shall start before conveyor operation/ operation of plant. Similarly pollution control system shall be stopped only after completion of conveyor operation/operation of plant so that chances of settlement of dust in duct are avoided. Timely evacuation of dust (from Dust catchers, ESPs, Bag filter hopper etc.) shall be routinely organized.

I) Kiln of gas treatment with efficient de-dusting shall be provided Waste heat utilization for power generation should be followed.

1) Provisions of Gas conditioning Tower followed by Pollution Control system for small capacity Kiln (size 100 TPD and below).
2) Entrepreneur having more than 100 TPD kilns shall use WHPB for generation of power.

Adequately designed ESP or Bag Filter or Wet scrubbing system or any other adequate air pollution control system / combination of system should be installed to achieve the prescribed stack emission standards.

SCHEDULE-III
Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2R	Rs. 25.0 Lakh	15 days	Towards O & M of pollution control system & compliance of consent conditions	31.12.2021	30.04.2022

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV
General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. 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 sitting 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 MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. 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.
6. 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.
7. 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.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. 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 an extension or addition thereto.

12. 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.
13. The PP shall provide personal protection equipment as per norms of Factory Act
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. 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.
16. 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.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /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.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. 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).
20. 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.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. 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.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. 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.

26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. 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.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. 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.
30. The firm shall submit to this office, the 30th day of September every year, the Environment 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.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. 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).
33. 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.

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary