



**Consent For Operation
(CFO-Air,Water)**

Consent No. AWH-301739
Valid upto: 30/06/2021

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

Combined Consent Order No. AWH-301739 PCB ID: 28295 Date: 27/12/2016

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act, 1974 and emission under the Air (Prevention and Control of Pollution) Act, 1981

- Ref: 1. Application filed by the applicant/organization on 20/05/2016
2. Inspection of the Industry/organization/by RO, on on 20/05/2016
3. Proceedings of the CCM dated 22/11/2016, held on 14/11/2016

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions conforming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Shilpa Medicare Ltd 100% Eou
Address: Plot no 33,33A,40 TO 47, Raichur Growth Centre
Industrial Area: Raichur Growth Centre I.A, Chiksugur,
Taluk: Raichur, District: Raichur

Conditions:

a) Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Boiler Feed	20.000	2.000	For make up
2	Cooling Water	10.000	2.000	
3	Domestic Purpose	5.000	4.000	
4	Manufacturing Processes	15.100	15.100	
5	Others	1.500	1.500	Scrubbers & RnD Purpose

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
---------	-------------------------------	---------------------------------

The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty/Month	Unit
1	3 alfa 7beta dihydroxy chloric acid	60.0000	M.T
2	Abroxol HCl	47.0000	M.T
3	Anastrozole	0.1000	M.T
4	Bicalutamide	0.5000	M.T
5	carboplatin	0.1000	M.T
6	Cisplatin	0.1000	M.T
7	coenzymeQ10	18.0000	M.T
8	Docetaxel trihydrate	0.1000	M.T
9	Gemcitabine HCL	0.3000	M.T
10	Irinotecan HCL trihydrate	0.1000	M.T
11	Oxaliplatin	0.1000	M.T
12	paclitaxel	0.1000	M.T
13	solenasol	60.0000	M.T
14	Temozolomide	0.1000	M.T

This consent is valid for the period from 01/07/2016 to 30/06/2021

For and on behalf of the
Karnataka State Pollution Control Board



S NANDA KUMAR



**Consent For Operation
(CFO-Air,Water)**

Consent No. AWH-301739
Valid upto: 30/06/2021

Industry Colour: RED

Industry Scale: LARGE

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax: 080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages including annexure & excluding additional conditions)

To,

Shilpa Medicare Ltd 100% Eou

COPY TO:

The Environmental Officer, KSPCB, Regional Office Raichur for information and necessary action.

2. Master Register.
3. Case file.

1. Consent Fee paid : Rs. 150000

SCHEDULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.

2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.

2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.

3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standards stipulated by the Board in Annexure-1

3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.

4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.

5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.

6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.

7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:

8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.

2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.

3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AWH-301739
Valid upto: 30/06/2021

Industry Colour: RED

Industry Scale: LARGE

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages including annexure & excluding additional conditions)

C. WATER CESS:

1. The applicant shall provide water meter at all the intake points as specified under Section (5) of the Water Cess Act, 1977 and shall file the Water Cess returns regularly before fifth of every month and also pay the Cess assessed with the time stipulated.

D. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

E. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.

F. NOISE POLLUTION CONTROL:

1. The industry shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in under the Air (Prevention and Control of Pollution) Act, 1981.

G. HAZARDOUS WASTES (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) 2008:

The applicant shall comply with the provisions of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008.

H. GENERAL CONDITIONS:

1. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
2. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
3. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
4. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
5. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
6. The applicant shall provide alternative power supply sufficient to operate all Pollution control equipments.
7. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.
8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
9. The applicant his heirs, legal representatives or assignee shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AWH-301739
Valid upto: 30/06/2021

Industry Colour: RED

Industry Scale: LARGE

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax: 080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages including annexure & excluding additional conditions)

10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s.

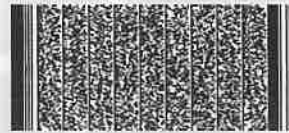
NOTE:

The following Conditions A[2(b),3(b)] & G mentioned in the schedule are not applicable.

Additional Conditions:

Please see additional condition to the consent order. The Annexure-I & II is applicable for discharge of effluent and emission regulation.

For and on behalf of the
Karnataka State Pollution Control Board



S NANDA KUMAR

Note: All efforts should be made to remove colour and unpleasant odour as far as practicable.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AWH-301739
Valid upto: 30/06/2021

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 6 pages including annexure & excluding additional conditions)

Chi m.N o.	Chimne y attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed,in addition to chimney height as per col.(3)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Boiler	10 TPH	30	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	HUS	DUS,MUL	Before commissioning.
2	Boiler	6 TPH	30	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	HUS	DUS,MUL	Before commissioning.
3	D.G. Sets	625 KVA	6	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	DIE	N.A	Before commissioning.
4	D.G. Sets	625 KVA	6	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	DIE	N.A	Before commissioning.
5	D.G. Sets	625 KVA	6	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	DIE	N.A	Before commissioning.
6	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
7	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
8	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
9	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
10	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
11	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
12	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
13	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
14	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
15	Acid Mists	500 lit	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
16	Acid Mists	500 li	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.

Note:

DUS,MU : Dust Collector

L

N.A : Not Applicable

SCR : Scrubber

Note:

- The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
- The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection)Rules.
- There shall be no smell or odour nuisance from the industry.



**Consent For Operation
(CFO-Air,Water)**

Consent No. AWH-301739
Valid upto: 30/06/2021

Industry Colour: RED

Industry Scale: LARGE

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

(This document contains 6 pages including annexure & excluding additional conditions)

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

[Click Here to View Uploaded Document1](#)

Additional Conditions to accompany Consent Order of M/s. Shilpa Medicare Ltd., (Unit-2), Plot No. 33, 33A, 40 to 47, Raichur Growth centre, Chikmagalur- 584 134, Raichur taluk & District

Consent fee paid	Rs. 1,50,00/- paid on 19.04.2016 by DD No. 009791 & 009792
	Rs. 6,00,000/- paid on 28.06.2016 by DD No. 010450 & 010451
Capital Investment	Rs. 105.01 Crores

The consent is issued considering the manufacture of :

Sl. No.	Name of the Product	capacity
1	Bicalutamide	0.5 MT/Annum
2	Irinotecan Hcl Trihydrate	0.1 MT/Annum
3	Gemcitabine Hcl	0.3 MT/Annum
4	3a, 7b -Dihydroxy Cholanic Acid	60 MT/Annum
5	Co-Enzyme Q10	18 MT/Annum
6	Ambroxol Hcl	47 MT/Annum
7	Cisplatin	0.1 MT/Annum
8	Carboplatin	0.35 MT/Annum
9	Temozolomide	0.1 MT/Annum
10	Docetaxel	0.1 MT/Annum
11	Oxaliplatin	0.05 MT/Annum
12	Paclitaxel	0.1 MT/Annum
13	Anastrozole	0.1 MT/Annum

THE CONSENT IS GRANTED FOR THE PERIOD FROM 01.07.2016 TO 30.06.2021

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

I. Quantity of the water use:

- The source of water is from River Krishna through CMC Raichur water supply line. The water consumption shall not exceed 5KLD for Domestic Purpose and 45 KLD for industrial purpose.

II. Treatment and disposal of trade and sewage effluent:

- The details waste water discharge shall be as follows.

Sl. No	Description	Permitted Quantity of discharge	Place of discharge
1	Trade effluent	45 KLD	The Low TDS effluent from Plant I and Plant II shall be treated in the ETP followed by R.O. R.O permeate shall be used for cooling tower make up/gardening. R.O. rejects shall be treated in MEE along with High TDS effluent. The treated effluent shall conform to standards stipulated under Annexure-I . The High TDS effluent and RO rejects shall be treated in MEE followed by ATFD. MEE condensate shall be treated in ETP provided for low TDS effluent. MEE salts shall be disposed through TSDF.

S. D. S.
CHIEF ENVIRONMENTAL OFFICER

2	Domestic effluent	4 KLD	Shall be treated in Septic tank and Soak pit
---	-------------------	-------	--

2. The low TDS trade effluent and domestic waste shall be treated in the ETP followed by R.O. The treated effluent (Permeate) shall be used for secondary purposes such as on land for gardening. The treated effluent shall conform to the standards stipulated in **Annexure-I**. The R.O rejects shall be treated in MEE.
3. The applicant shall obtain prior Consent for establishment of the Board before taking up revamping of the ETP by applying prescribed application form & with requisition consent fee.
4. The applicant shall provide flow measuring devices at inlet of ETP along with separate energy meter for the ETP and maintain logbooks for hourly recording for verification of inspecting officers.
5. The applicant shall furnish the daily quantity of effluent generated from the process effluent including the scrubbed effluent generation and disposal.
6. The Applicant shall not change or alter either the quality or the quantity or the rate of discharge or temperature or the route of discharge without the previous written permission of the Board.
7. No effluent shall be discharged outside the premises.
8. The applicant shall ensure continuous and effective operation and maintenance of pollution control systems.
9. The treated effluent conforming to the Standards stipulated in Annexure-I shall be only be used for on land for irrigation

III. Storm Water Management:

The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises Storm water shall not be allowed to mix with the trade and/or sewage effluent on the upstream of the terminal manholes where the flow measuring devices will be installed. The applicant shall establish Rain Water Harvesting system.

B. DISCHARGE OF EMISSIONS UNDER THE AIR ACT,1981:

1. The type of emissions, rate of emissions, tolerance limits, stack heights and the Air pollution equipments shall be as specified in **Annexure-II**. The applicant shall monitor the emissions once in three months and submit report.
2. The industry shall ensure that the ambient air quality in its premises shall conform to the new National Ambient Air Quality Standards specified in Environment (Protection) Rules.
3. The industry shall prevent solvent loss by installing double condenser systems and connecting the vents to a carbon tower to minimize the fugitive emissions.



CHIEF ENVIRONMENTAL OFFICER

4. Centrifuge vents shall be connected to scrubber. In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage. Closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored & the emissions shall conform to the limits. The industry shall monitor VOC's within its premises for which a monitoring plan indicating the parameters relevant to the industry, location and the frequency shall be submitted within 30 days.

For further control of fugitive emissions, following steps shall be followed:

- i. Closed handling system shall be provided for chemicals.
- ii. Reflux condenser shall be provided over reactor.
- iii. System of leak detection and repair of pump/pipeline based on preventive maintenance.
- iv. The acid shall be taken from storage tanks to reactors through closed pipeline. Storage tanks shall be vented through trap receiver and condenser operated on chilled water.
- v. Cathodic protection shall be provided to the underground solvent storage tanks.

C. Solvent Management

Solvent management shall be carried out as follows:

- i. Reactor shall be connected to chilled brine condenser system
- ii. Reactor and solvent handling pump shall have mechanical seals to prevent leak-ages.
- iii. The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95% recovery.
- iv. Solvents shall be stored in a separate space specified with all safety measures.
- v. Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.

D. MONITORING AND REPORTING:

1. The applicant shall monitor the ground water as per the MOEF Notification No. S.O.2151, dated 17.6.2005.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.
3. The applicant shall carry out VOC monitoring once in 3 months.
4. The applicant shall carryout the ambient air quality monitoring and submit the report to the Regional Office of the Board. The AAQM stations shall be carried out in all the established stations as per the requirement under the National Ambient Air Quality Monitoring Standards stipulated in Environmental (Protection) Rules, 1986. Monitoring shall include the parameters PM 2.5, PM 10, sulphur dioxide, Nitrogen Oxide, and H2S. The industry shall furnish statistical analysis for annual average of pollutants at all the locations as per Ambient Air Quality standards Notification once in a year.



CHIEF ENVIRONMENTAL OFFICER


5. The applicant shall monitor the hazardous air pollutants such as Benzene, Carbon tetra chloride, 1-4 di-oxane, methanol, toluene, methyl chloride etc. and odorous compounds mercaptan and hydrogen sulphide from the process area general exhaust and from the process emission and report the results to the Board immediately.
6. The applicant shall Continue
 - a) self monitoring system every month and furnish the reports of analysis to the regional Officer.
 - b) submit the monitoring results as under;
 - c) Data monitored as per prescribed schedule shall be submitted to the Board every month in pdf format to the following e-mail IDs cat17@kspcb.gov.in and raichur@kspcb.gov.in.
 - d) A compiled data of all monitoring conducted as per schedule during the consent period shall be submitted in hard copy along with Consent application.
 - e) The industry shall maintain Online monitoring system installed as per CPCB directions viz IP camera and digital flow meter in good conditions and shall be connected to CPCB server all the times.

E. HAZARDOUS & OTHER WASTES (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES 2016:

1. The industry shall comply with Hazardous & Other Wastes (Management, Handling & Transboundary Movement) Rules 2016 and shall apply for authorization for the same.

F. GENERAL

1. This consent for discharging sewage and/or trade effluents from the factory shall not be taken or construed as the Board's permission to continue to discharge the sewage and/or trade effluents from the factory into the place (as mentioned in this consent Order) which pollutes the water there-in endangering the life and property of the persons using the said water before, during or after the periods indicated in the Terms and Conditions of this Consent Order.
2. The applicant shall not change or alter either the quality or quantity or rate of emission or install/ replace or alter the air pollution control equipment, change in raw material or manufacturing process resulting in change in quality and/or quantity of emissions without the prior permission of the Board.
3. The industry shall not change or alter (a) raw materials or manufacturing process.
4. Change the products or product mix (c) the quality, quantity or rate of discharge/ emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
5. The applicant shall not store any raw materials on naked ground.
6. The applicant shall appoint a qualified environmental engineer/ scientist for environment management in the factory and also establish an environmental cell.
7. Applicant shall maintain the Environmental Management System in conformity with ISO 14001:2004 standards.


CHIEF ENVIRONMENTAL OFFICER

8. The applicant shall comply with the guidelines under Corporate Responsibilities for Environment Protection (CREP) 2003 issued by Ministry of Environmental Forests and CPCB.
9. The applicant shall maintain register recording the ambient air quality, stack monitoring and analysis report of treated effluents. The register shall be open for inspection by the Board Officers at all time.
10. An inspection Book shall be opened and made available to the Board Officers during their visit to the factory.
11. The industry shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
12. Industry shall comply with all the consent conditions and furnish report within 30 days to the Regional Office.
13. The applicant shall display EC, Environmental Statement and Consent orders in the website of the industry and update regularly.


CHIEF ENVIRONMENTAL OFFICER

8

Annexure-I

Sl. No.	Characteristics	Tolerance limits
Compulsory Parameters		
1	pH	6.0 to 8.5
2	Oil and Grease	10
3	BOD (3days 27° C)	100*
4	Total Suspended Solids	100
5	Bio-Assay test	90% survival of fish after first 96 hours in 100% effluent**
Additional parameters		
1	Mercury	0.01
2	Arsenic	0.20
3	Chromium(Cr ⁶⁺)	0.10
4	Lead	0.10
5	Cyanide	0.10
6	Phenolics	1.0
7	Sulphides (as S)	2.0
8	Phosphate (as P)	5.0

Note: All efforts should be made to remove colour and unpleasant odour as far as practicable


CHIEF ENVIRONMENTAL OFFICER

ANNEXURE - I

Chim. No.	Chimney attached to	Minimum chimney height to be provided above ground level	Constituents to be controlled in the emission	Tolerance limits mg/Nm ³	Air pollution Control equipment to be installed, in addition to chimney height as per Col. (3)	Date of which air pollution Control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	2	3	5	6	7	8
1.	Boiler of 10 TPH & Boiler of 6 TPH	Common Chimney of 30m AGL	Particulate Matter	150	Chimney Ht. as per Column No.3 with Multicyclone and bag filter	At all times
2, 3,4	625 KVA DG Set – 3 No.	9m AGL or 3m ARL which ever is higher(individual stacks)	SO ₂	-	Individual chimney as per Col. No.3 with acoustic measures to each DG Set.	At all times
5 to 9	Process Emissions from Production area (5 No. Production block and recovery block	3m ARL (Individual chimney)	Acid Mist	35	Individual Chimney of 3 m ARL with scrubber and mist eliminator	At all times
10 to 14	Finishing Blocks – 5 Nos	3m above roof level	Acid Mist	35	-do-	At all times
15	Trade effluent collection tank at ETP	3 m ARL chimney	-	-	Chimney Ht. as per Column No.3 with Scrubber	At all times
16	Trade effluent collection Tank	3.0 m ARL	-	-	Chimney Height and Scrubber	

S. V. K.

CHIEF ENVIRONMENTAL OFFICER

8