



20<sup>th</sup> June 2023,  
Visakhapatnam.

To,  
The Environmental Engineer,  
AP Pollution Control Board,  
Regional Office,  
Visakhapatnam.

**Subject:** Submission of 6 months' CFE compliance reports for the month of June-2023

Respected Sir,

We are here with submitting the 6 months CFE compliance report for the month of June-2023.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours Truly,

For Torrent Pharmaceuticals Limited

  
20/06/2023

N Rajyalakshmi  
(Manager-HSE)



21-6-23

**TORRENT PHARMACEUTICALS LIMITED**

CIN : L24230GJ1972PLC002126

Plot No. 77, Jawaharlal Nehru Pharmacy, Thanam Village, Parawada Mandal, Visakhapatnam Dist.-531021 A.P. Ph. : 0891-6136500  
Reg. Office : Torrent House, Off Ashram Road, Ahmedabad - 380 009, India. Phone : +91 79 26585090 www.torrentpharma.com

# Torrent pharmaceuticals Limited, Visakhapatnam

## CFE CONDITION'S COMPLIANCE

Ref: Order No 135/APPCB/CFE/RO-VSP/HO/2018 dated 20/03/2020

S No	CFE Conditions	Compliance
1	The proponent shall obtain Consent for Operation (CFO) from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air, (P&C of P) Act, 1981, before commencement of the trial runs.	As this is applicable to the New products added to the Authorization and CTO will be obtained before commencing the production of the new products. However the current authorization has validity upto 31-12-2027.
2	The applicant shall provide separate energy meters for Effluent Treatment Plant (ETP) and Air Pollution Control equipment to record energy consumed. An alternative electric power source sufficient to operate all pollution control systems shall be provided.	Separate energy meter provided to the Effluent Treatment Plant (ETP).  DG Sets With sufficient power generation capacity available at site as an alternative electric power source to operate all pollution control systems.
3	The industry shall construct separate storm water drains.  No effluents shall be discharged in to the storm water drains.	Storm water drains has already constructed in entire plant.  No effluent are discharging in to the storm water drains.
4	The source of water is JNPC and the maximum permitted water consumption is as 165.76 KLD.  Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned above.	The water consumption is well within the permitted limit and will be maintained.  Separate meters are provided for assessing quantity of water used for different purposes /location i.e. 19 Nos of meters.
5	The maximum waste water generation shall not exceed 104.605 KLD (LTDS-78.45, HTDS-26.15) KLD.	The effluent generation is within the approved limit and shall maintain the same.
6	Effluents shall not be discharged on land or into any water bodies or aquifers under any circumstances.	The generated effluent collected and is being transferred to CETP after pretreatment. As per the existing ETP design there is no scope for discharge of effluent on land/waterbody/aquifer. We ensure to continue the compliance.
7	The industry shall properly operate and maintain online real time monitoring system along with web camera facilities and shall ensure that it is connected to APPCB /CPCB websites as per CPCB directions.	We are maintaining web camera and flow meters provided for HTDS & LTDS pumped to CETP and same connected to CPCP & APPCB servers as per CPCP directions.
8	Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas.  All pipe valves, sewers and drains shall be leak proof.	Floor washings are being taken in LTDS effluent sump of each area.  All pipes, valves, drains are being checked frequently for any leakages and rectified immediately if leakage observed.
9	The Air Pollution Control equipment shall be maintained properly to comply with the following (pl refer table in CFE) for controlling air pollution after Change of Product Mix.	To comply the emission standards Air pollution Control equipment are being maintained properly.

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10	<p>A sampling port with removable dummy of not less than 15 cm diameter shall be provided in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc.</p> <p>A platform with suitable ladder shall be provided below 1 meter of sampling port to accommodate three persons with instruments.</p> <p>A 15 AMP 250 V plug point shall be provided on the platform.</p>	<p>Sampling port with removable dummy of appropriate size is available at the recommended distance.</p> <p>A platform and ladder have provided below 1 meter of sampling port to accommodate three persons with instruments.</p> <p>A 15 AMP 250V plug point is provided by extension from boiler house to the platform.</p>
11	<p>The industry shall properly operate and maintain the monitoring system to all the stacks / vents in the plant. Regular monitoring shall be carried out and report shall be submitted to the Regional officer.</p>	<p>Regular monitoring of Stack/vents are being done by third party and the report has been submitting to the Regional Office.</p>
12	<p>The industry shall properly operate and maintain multi-stage scrubbers to the process vents to control the process emissions.</p> <p>The industry shall ensure that online pH measuring facility with auto recording system is connected to the scrubbers.</p>	<p>To control the process emissions multistage scrubbers are already installed to the process vents.</p> <p>Online pH meter with data logger has provided to all the scrubbers and same connected to APPCB server.</p>
13	<p>The industry shall properly operate and maintain VOC monitoring system with auto recording facility.</p>	<p>Online VOC monitoring system with data recording has installed.</p>
14	<p>The industry shall implement adequate measures to control all fugitive emissions from the plant.</p>	<ul style="list-style-type: none"> <li>• To control fugitive emission, we have closed loop solvent dispensing system.</li> <li>• Primary and secondary condensers installed to collect the solvent loss during process operation.</li> <li>• Chilled brine is using in the process as per requirement which will reduce the solvent losses into the atmosphere.</li> <li>• Transfers of solvents are being done by using pumps instead of manual handling.</li> <li>• Closed centrifuges are being used to reduce solvent losses.</li> <li>• All the solvent storage tanks are connected with vent breather valves &amp; vent condensers to prevent continuous solvent vapours in to atmosphere</li> </ul>

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		<ul style="list-style-type: none"> <li>All process vents (Reactors &amp; Centrifuges) are routed through water followed by alkaline scrubbers to control the fumes/emission.</li> </ul>
15	<p>The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoEF, GoI vide notification No. GSR. 826 (E), dated. 16.11.2009 during construction and regular operational phase of the project at the periphery.</p> <p>The generator shall be installed in a closed area with a silencer and suitable noise absorption systems.</p> <p>The ambient noise level shall not exceed 75 dB (A) during day time and 70 dB (A) during night time.</p>	<p>Compliance of National Ambient Air quality standards as notified by MoEF CC, GOI are being checked and recorded as per predefined frequency.</p> <p>380 KVA X 2 No if DG Sets had installed in a separate DG room along with acoustic enclosures and silencers to control noise.</p> <p>The ambient noise levels are monitored regularly and are found well within limits.</p>
16	<p>The proponent shall not use or generate odour causing substances or Mercaptans and cause odour nuisance in the surroundings.</p>	<p>We are not using or generating odour causing substances or Mercaptans which cause odour nuisance in the surroundings.</p>
17	<p>The industry shall send the used / spent solvents to the recyclers (or) process them at their own solvent recovery facility within the premises.</p>	<p>We are having our own solvent recovery facility with column within the premises. Recovered solvents are being sale off to authorized/approved vendors and same will be continued after obtaining the CFO.</p>
18	<p><b>The evaporation losses in solvents shall be controlled by taking the following measures:</b></p> <p>Chilled brine circulation shall be carried out to effectively reduce the solvent losses into the atmosphere.</p> <p>Transfer of solvents shall be done by using pumps instead of manual handling.</p>	<p>Chilled brine circulation is used in condenser during the processing of the batch which will minimize solvent losses in the atmosphere.</p> <p>Transfer of solvents are being done by using pumps.</p>
18	<p>Closed centrifuges shall be used to reduce solvent losses.</p> <p>All the solvent storage tanks shall be connected with vent condensers to prevent solvent vapours.</p> <p>The reactor vents shall be connected with primary &amp; secondary condensers to prevent escaping of solvent vapour emissions into atmosphere.</p>	<p>Closed centrifuges are being be used to reduce solvent losses.</p> <p>All the solvent storage tanks are connected with vent breather valves prevent continuous solvent vapours.</p> <p>The reactor vents are connected with primary &amp; secondary condensers to prevent escaping of solvent vapour emissions into atmosphere.</p>
19	<p>The industry shall comply with the following for disposal of Solid waste/ Hazardous waste: Ref CFE table.</p>	<p>We are complying with the prescribed limits of CFE/CTO for disposal of Solid waste/ Hazardous waste.</p>
20	<p>The proponent shall provide shed for storage of coal and boiler ash.</p>	<p>Shed is available for storage of coal and boiler ash.</p>

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21	<p>The proponent shall place the chemical drums and / or any drums in a shed provided with concrete platform only.</p> <p>The Platform shall be provided with sufficient dyke wall and effluent collection system.</p> <p>The industry shall provide containers detoxification facility. Container &amp; Container liners shall be detoxified at the specified covered platform with dyke walls and the wash wastewater shall be routed to low TDS collection tank.</p>	<p>The chemical drums are being stored in a shed provided with concrete platform.</p> <p>Specified dyke walls are provided with effluent collection system.</p> <p>Containers detoxification facility available at Hazardous storage shed. Container &amp; Container liners are being detoxified as per the detoxification SOP NO: VASF-028 at the specified covered platform with dyke walls &amp; washed wastewater is being routed to low TDS collection tank.</p>
22	<p>The following rules and regulations notified by the MoEF &amp; CC, Govt, shall be implemented.</p> <p>a) Regulation of Persistent Organic Pollutants Rules, 2018.</p> <p>b) Hazardous waste and other wastes (Management and Transboundary Movement) Rules, 2016.</p> <p>c) Plastic Waste Management Rules, 2016.</p> <p>d) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989</p> <p>e) Fly Ash Notification, 2016.</p> <p>f) Batteries (Management &amp; Handling) Rules, 2010.</p> <p>g) E-Waste (Management) Rules, 2016.</p> <p>h) Construction and Demolition waste Management Rules, 2016.</p> <p>i) Solid Waste Management Rules, 2016.</p> <p>j) The Public Liability Insurance Act, 1991 and its amendments thereof.</p>	<p>We are following the statutory guidelines mentioned in the said rules and amendments and same will be complied in future also.</p>
23	<p>The industry shall comply with the directions of Revocation of closure order dt.31.03.2015 issued by the Task Force.</p> <p>The industry shall represent to Member Secretary (i.e. UH-2) regarding return of BG of Rs.5.0 Lakhs.</p>	<p>We are complying the directions of revocation of closure order dtd 31.03.2015 issued by the Task Force.</p> <p>Bank guarantee of Rs. 5 Lacs withdrawn in 2023 from the board against the submission of compliance</p>
24	<p>Existing green belt shall not be disturbed due to the proposed Change of Product Mix. Thick green belt shall be maintained all along the boundary &amp; vacant spaces with tall growing trees with good canopy.</p> <p>And it shall not be less than 33% of the total area.</p> <p>Plantation shall be completed along the periphery, internal roads etc., by the end of July, 2020 as informed in the CFE Committee meeting.</p>	<p>Green belt all along the boundary &amp; vacant spaces covered as canopy with tall growing trees.</p> <p>As discussed, in the CFE Committee meeting on 17.03.2020 we planted 23.12% of greenery inside the premises and around the boundary and the board will consider 10% of the share of greenery developed outside by the Social forestry Department to meet a total of 33%.</p> <p>We are committed for the plantation and the same has completed by 10th July, 2020 also informed in the CFE Committee meeting.</p>

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25	The industry shall submit the information regarding usage of Ozone Depleting Substance once in six months to the Regional Office and Zonal Office of the Board.	We are submitting the information regarding the usage of Ozone Depleting Substance once in every six months to the Regional office APPCB.
26	Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order attracts action under the provisions of relevant pollution control Acts.	We are ensuring the submitted data are authentic and actual before submitting to the authority.
27	Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec. 27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec. 21(4) of Air (Prevention and Control of Pollution) Act, 1981 to revoke the order, to review any or all the conditions imposed herein and to make such modifications as deemed fit and stipulate any additional conditions.	We understood and abide to follow the rights/directions by the Board.
28	Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.	We will comply all rules and regulations of the State Board.