



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

**SPEED POST/FAX**

B-29016/04/07/IPC-I/

May 25, 2018

To

The Regional Director  
Central Pollution Control Board  
Parivesh Bhawan  
Opp VMC Ward office no 10  
Subhanpura, Vadodara - 390 023

**Sub: Verification of compliance of a direction issued u/s 5 of E(P) Act 1986 to the Chemical Unit in M/s. Blue Circle Organics Pvt. Ltd., Plot No. B-12, C-4 & E-2, MIDC Ambernath, Dist. Thane- 421506, Maharashtra-reg**

Sir,

This has reference to the confirmed direction issued u/s 5 of Environmental (Protection) Act, 1986 on March 19, 2018 to the M/s. Blue Circle Organics Pvt. Ltd., Maharashtra. A reply has been received from the unit dated May 25, 2018 that the compliance has been achieved against CPCB direction dated March 19, 2018. (A copy of letter enclosed herewith).

It is therefore requested to re-inspect the unit to verify the compliance of the CPCB confirmed direction points and also verify the performance of the existing effluent treatment plant and submit the inspection report to this office within 30 days.

Encl. : as above

Yours faithfully,

(Gurnam Singh)

Addl. Director & I/C IPC-I



Dr. Himani Varshney &lt;varshney.himani1@gmail.com&gt;

**Compliance to directions your letter no: B-29016/04/06/IPC-I/ dated March 18, 2018**

Dr. P C Shekar &lt;pcshekar@bluecircle.net.in&gt;

Fri, May 25, 2018 at 3:11 PM

To: gurnamsingh.cpcb@nic.in

Cc: varshney.himani1@gmail.com, dinabandhu.cpcb@nic.in, Akshay Arora &lt;akshay@bluecircle.net.in&gt;, shiven@bluecircle.net.in, naresh@bluecircle.net.in

Dear Sir,

In pursuant to your directions in the above mentioned subject matter , we had sent an interim status letter dated April 14, 2018

informing the status of the compliance of the directions issued by you and requesting for additional time till End of May 2018.

Today we are pleased to inform you that the Compliance has been completed as per your directions.

We present below the activities performed to comply with the directions:

**Direction 1:**

The unit shall upgrade the existing ETP by providing advance technologies like Multi effect evaporator (MEE), agitated Thin film drier(ATFD) For High cOD stream and ETP followed by Reverse Osmosis (RO) low COD stream upto April 2018 so as to achieve the notified standards after Expansion of unit.

**Response:**

- a) As directed by you we have completed the installation of the Stripper column to remove solvents before processing in the 4 stage MEE. Erection of Calendrias, heat exchangers and Ejectors, pumps etc. have been completed along with interconnecting process pipings.
- b) The installation of the reactor and Centrifuge is complete and is operational.
- c) The two Reverse Osmosis system has been installed .

**Please see Annexure 1**

**Status :** Complied with the Direction no.1

**Direction 2 :**

The unit shall segregate high COD and low COD streams for providing the adequate treatment for each stream.

**Response :**

As per directions we have segregated the High COD and the Low COD streams.

High COD stream includes the following :

1. Collection sump.
2. Oil and grease trap
3. Collection tank
4. Flash mixer
5. Flocculator
6. Primary settling tank
7. Filter press.
8. Feed tank to Stripper column and MEE
9. MEE distillate collection tank to be sent to Aeration tank.

Low COD stream includes

1. Collection sump
2. Oil and grease trap
3. Collection tank

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4. Flash mixer
5. Flocculator
6. Primary settling tank
7. Filter press.
8. Aeration tank
9. Tube settler
10. Clarifier
11. Sand filter and Carbon filter
12. Treat effluent collection tanks.
13. RO feed tank.
14. RO system
15. RO permeate collection tank for recycling of water.
16. RO reject tank for feeding to MEE .

All the above systems are in place and work has been completed .

**Please see Annexures 2 and 3**

**Status :** Complied with Direction 2

**Direction 3:**

The unit shall calibrate and validate the Online monitoring system and also provide the Calibration and Maintenance requirement details of the Online monitoring system.

**Response:**

As per our earlier response the Calibration and validation has been completed on April 10<sup>th</sup> ,2018. The necessary documentation of the same was submitted earlier along with our response of April 14, 2018. However for your easy perusal the same has been enclosed again. The instrument has been given on Annual Maintenance Contract also with the service Provider .

**Please see Annexure 4 and 5**

**Status :** Complied with direction 3

**Direction 4:**

The unit shall provide the stack height as per CPCB guidelines.

**Response:**

We have taken the necessary action and increased the height of the stack. Also we have made provision for the stack monitoring .Photo graph of the same is enclosed herewith.

**Pease see Annexure 6**

**Status :** Complied with direction 4

**Direction 5:**

The unit shall provide proper storage space for hazardous waste.

**Response :**

We have commissioned a covered shed of 6mtrX 7Mts with proper PCC flooring to store hazardous waste .

**Please see Annexure 7**

**Status :** Complied with direction 5

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**Direction 6:**

The unit shall dispose off the spent activated carbon and fly ash of the boilers to TSDF.

**Response:**

We are regularly sending the spent activated carbon and fly ash to Common Hazardous Waste Treatment Storage and Disposal facility (CHWTSDF) located at Taloja .

The quantity spent activated carbon and fly ash that was present during the visit has also been sent to CHWTSDF.

**Please see Annexure 8**

**Status :** Complied with Direction 6 .

As can be observed from the above points we have complied with all the direction issued by your goodselves. We thank you very much for being very kind in supporting our actions and providing the necessary time to complete and will help in operating our ETP in compliant mode .

Thanking you,

Yours faithfully,

**Akshay B. Arora**

**Managing Director**

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 **Annexures.rar**  
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