



**U.P. Pollution Control Board**

**CONSENT ORDER**

**Ref No. - 37983/UPPCB/Meerut(UPPCBRO)/CTO/air/MEERUT/2018**

**Dated : 10/01/2019**

**To ,**

Shri NEERAJ AGRAWAL  
M/s SYNERGY WASTE MANAGEMENT PVT LTD  
Subharti Medical College Campus Subhartipuram Meerut,MEERUT,250002  
MEERUT

**Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. SYNERGY WASTE MANAGEMENT PVT LTD**

Reference Application No. 3538730

Dated : 10/01/2019

1. With reference to the application for consent for emission of air pollutants from the plant of M/s SYNERGY WASTE MANAGEMENT PVT LTD. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 01/01/2020 to 31/12/2022 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.  
This consent is being issued with the permission of competent authority .

**For and on behalf of U.P. Pollution Control Board**

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**Enclosed : As above  
(condition of consent):**

Copy to: Regional Office, U.P.Pollution Control Board, Meerut

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## U.P. Pollution Control Board

Dated : 10/01/2019

### CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Common Bio- Medical waste Treatment facility ( Incinerator capacity 300 Kg/hour, Autoclave capacity 300 Kg/hour and Shredder capacity 300 Kg/hour)..
- 2(a) . The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.

<b>Air Pollution Source Details</b>					
<b>S.No</b>	<b>Air Pollution Source</b>	<b>Type of Fuel</b>	<b>Stack No.</b>	<b>Parameters</b>	<b>Height</b>
1	Incinerator	Diesel	1	Particulate Matter	30 mt. from G.L with quencher scrubber, venturi scrubber and droplet scrubber
2	Baby Boiler connected to autoclave	Diesel	2	Particulate Matter	9 mt. from G.L
3	D.G Set 62.5 KVA	Diesel	3	Particulate Matter	2 mt above nearest roof

- 2(b) . The emissions by various stacks into the environment should be as per the norms of the Board .

<b>Emission Quality Details Detail</b>			
<b>S.No</b>	<b>Stack No</b>	<b>Parameter</b>	<b>Standard</b>
1	1	Particulate Matter	As per E.P Rules 1986
2	1	Sulphur Dioxide	As per E.P Rules 1986
3	1	Oxides of Nitrogen	As per E.P Rules 1986
4	1	Quantity of Emission	As per E.P Rules 1986
5	2	Particulate Matter	As per E.P Rules 1986
6	2	Sulphur Dioxide	As per E.P Rules 1986
7	2	Oxides of Nitrogen	As per E.P Rules 1986
8	2	Quantity of Emission	As per E.P Rules 1986
9	3	Particulate Matter	As per E.P Rules 1986
10	3	Sulphur Dioxide	As per E.P Rules 1986
11	3	Quantity of Emission	As per E.P Rules 1986
12	3	Oxides of Nitrogen	As per E.P Rules 1986

- 3 . Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
- 4 . The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
- 5 . The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
- 6 . The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
- 7 . Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
- 8 . The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitoring report should be submitted .

### **Specific Conditions:**

- 1- All the conditions imposed in the consent order issued under the provisions of Air (Prevention and Control of Pollution) Act 1981 as amended vide letter no. H-14063/C-3/ Sahmati Vayu-356/Meerut/2017, dated 27-12-2017 and consent order no. 937/sahmati(Vayu)aadesh 356/2017,dated 27-12-2017 are applicable
2. The unit should be operated in such a manner that it does not adversely affect the environment and the solid waste generated such as ash etc. will be disposed in eco-friendly manner.
3. The industry should ensure that the data of the online OCEEMS should be continuously/uninterruptedly provided to the CPCB and SPCB server.Any source of emission other than that mentioned in the Air consent seeking application will not be permitted by the Board.
4. The unit should ensure the operation of the air pollution control system (APCS) in such a manner that the air emission confirms with the standards prescribed under the E.P Act 1986 as amended.
5. The unit shall submit Environmental Statement in prescribed format in Form V of rule 14 of E.P Rules 1986.
6. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/process/ fuel / plant machinery failing which consent would be deemed void.
7. The unit shall abide by orders / directions issued by Hon'ble Supreme Court Hon'ble High Court, Hon'ble National Green Tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safe guard of environment from time to time.
8. The unit shall submit quarterly monitoring reports including the specific parameters as required for the Common Bio- Medical waste Treatment facility under the E.P Rules 1986 and Bio-Medical Waste Management Rules, 2016 of all stacks and ambient air quality from a certified / approved laboratory under E.P. Act 1986.
9. The unit shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974,Bio-Medical Waste Management Rules, 2016 as amended and all other applicable rules notified under E.P. Act 1986.
10. The unit shall submit the audited balance sheet for the current year and the details of fees deposited during last three years within a month.
11. The use of Pet coke and Furnace oil as a fuel in the unit is restricted in compliance of the Hon'ble Supreme court order till further order.
12. If the CPCB or UPPCB issues the Closure order against the industry this consent order stands automatically suspended for that period.
13. The unit will use minimum 20% Bio Briquette as fuel in the Boiler depending upon its availability.
14. The unit shall obtain prior consents in the event of any addition of new emission generation sources such as- Boiler/ Furnace/ Heaters/ D.G. Sets or alteration of existing emission sources in accordance with section- 21/22 of air Act 1981 (as amended respectively).
15. Minimum 33% of the land on which the unit is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H-16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL [http://www.uppcb.com/pdf/Green-Belt-Guidle\\_160218.pdf](http://www.uppcb.com/pdf/Green-Belt-Guidle_160218.pdf) .

**Issued with the permission of competent authority .**

**For and on behalf of U.P. Pollution Control Board .**

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**U.P. Pollution Control Board**

**CONSENT ORDER**

**Ref No. -  
38011/UPPCB/Meerut(UPPCBRO)/CTO/water/M  
EERUT/2018**

**Dated : 10/01/2019**

**To ,**

Shri NEERAJ AGRAWAL  
M/s SYNERGY WASTE MANAGEMENT PVT LTD  
Subharti Medical College Campus Subhartipuram Meerut,MEERUT,250002  
MEERUT

**Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974  
(as amended) for discharge of effluent to M/s. SYNERGY WASTE MANAGEMENT PVT  
LTD**

**Reference Application No :3542159**

**Dated :10/01/2019**

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act ) M/s. SYNERGY WASTE MANAGEMENT PVT LTD is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in reference to their foresaid application .
2. This consent is valid for the period from 01/01/2020 to 31/12/2022 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Prevention and Control of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

**For and on behalf of U.P. Pollution Control Board**

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**Enclosed : As above  
(condition of consent):**

Copy to: Regional Office, U.P.Pollution Control Board, Meerut

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## U.P. POLLUTION CONTROL BOARD, LUCKNOW

### Annexure to Consent issued to M/s.SYNERGY WASTE MANAGEMENT PVT LTD vide

Consent Order No. 3542159/ Water

Dated : 10/01/2019

#### CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of Common Bio- Medical waste Treatment facility ( Incinerator capacity 300 Kg/hour, Autoclave capacity 300 Kg/hour and Shredder capacity 300 Kg/hour).
2. The quantity of maximum daily effluent discharge should not be more than the following :

<b>Effluent Discharge Details</b>			
<b>S.No</b>	<b>Kind of Effluent</b>	<b>Maximum daily discharge,KL/day</b>	<b>Treatment facility and discharge point</b>
1	Domestic	0.5 KLD	Septic Tank
2	Industrial	5 KLD (treated effluent will be entirely used for irrigation or back in the process)	ETP

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4 a. The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

<b>Domestic Effluent</b>		
<b>S.No</b>	<b>Parameter</b>	<b>Standard</b>
1	Total Suspended Solids	As per E.P Rules 1986
2	BOD	As per E.P Rules 1986
3	COD	As per E.P Rules 1986
4	Oil & Grease	As per E.P Rules 1986
5	Quantity of Discharge	0.5 KLD

- 4 b. The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

<b>Industrial Effluent</b>		
<b>S.No</b>	<b>Parameter</b>	<b>Standard</b>
1	Total Suspended Solids	As per E.P Rules 1986
2	BOD	As per E.P Rules 1986
3	COD	As per E.P Rules 1986
4	Oil & Grease	As per E.P Rules 1986
5	Quantity of Discharge	5 KLD (treated effluent will be entirely used for irrigation or back in the process)

- 5 . Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory .

6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .
7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.
8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .

### **Specific Conditions:**

- 1- All the conditions imposed in the consent order issued under the provisions of Water (Prevention and Control of Pollution) Act 1974 as amended vide letter no. H-14062/C-3/ Sahmati Jal-368/ Meerut/2017, dated 27-12-2017 and consent order no. 933/C-3/Jal sahmati aadesh 368/2017,dated 27-12-2017 are applicable.
- 2- The unit shall maintain strict supervision on fluctuations in operating parameters with respect to each treatment unit of the Effluent treatment plant. There will be no effluent discharge outside the factory premises and entire treated effluent will be used for the irrigation within the factory premises.
- 3- The industry will ensure the continuous and uninterrupted data supply from the OCEEMS to the SPCB and CPCB server.
- 4- The industry should ensure the operation of the ETP in such a manner that it confirms the standards lay down under the E.P Act 1986 as amended.
- 5- Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized.
- 6- The industry will have to ensure permission from the CGWA for ground water extraction and it will be the responsibility of the industry to comply with the various conditions of the permission taken.
- 7- The unit shall submit the audited balance sheet for the current year and the details of fees deposited during last three years within a month.
- 8- If the CPCB or UPPCB issues the Closure order against the industry this consent order stands automatically suspended for that period.
- 9- Industry shall submit Environmental Statement in prescribed form V as per rule no.14 of E.P Rules 1986.
- 10- Industry shall abide by orders / directions issued by Hon'ble Supreme Court Hon'ble High Court, Hon'ble National Green Tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safeguard of environment from time to time.
- 11- Industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended, Bio-Medical Waste Management Rules, 2016 and all other applicable rules notified under E.P. Act 1986.
- 12- Minimum 33% of the land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H-16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL[http://www.uppcb.com/pdf/Green-Belt-Guidle\\_160218.pdf](http://www.uppcb.com/pdf/Green-Belt-Guidle_160218.pdf) .

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