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F. No. B-31011 (BMW) (46.47)/2017/WMD/

August 14, 2017

To

M/s Rajdeep Biotech,
Khasara No. 214, Village Borabas,
Tehsil Ladpura,
District Kota, Rajasthan

CLOSURE DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986 IN CASE OF M/s RAJDEEP BIOTECH, KHASARA No. 214, VILLAGE BORABAS, TEHSIL LADPURAS, DISTRICT KOTA, RAJASTHAN.

WHEREAS the Central Government has notified the Bio-medical Waste Management Rules, 2016 (herein after referred as BMW Rules) in supersession of the Bio-medical Waste (Management & Handling) Rules, 1998, and amendments thereof, under the Environment (Protection) Act, 1986, to improve the collection, segregation, processing, treatment and disposal of the bio-medical wastes in an environmentally sound management thereby, reducing the biomedical waste generation and its impact on the environment;

WHEREAS Rule 5 of BMW Rules stipulates duties of the operator of a Common Bio-medical Waste Treatment Facility (CBWTF); and

WHEREAS as per Rule 7 (1) of BMW Rules, "bio-medical waste shall be treated and disposed of in accordance with Schedule I and in compliance with the standards prescribed in Schedule II of the BMW Rules, 2016"; and

WHEREAS Rule 8 of BMW Rules stipulates a requirement of segregation, packaging, transportation and storage of bio-medical waste"; and

WHEREAS Rule 13 of the BMW Rules stipulates every operator of Common Bio-medical Waste Treatment Facility shall submit an annual report to the prescribed authority in Form-IV, on or before 30th June of every year to the prescribed authority"; and

WHEREAS as per Rule 14 (1) of BMW Rules, "Every authorized person shall maintain records related to the generation, collection, reception, storage, transportation, treatment, disposal and/ or any form of handling of bio-medical waste in accordance with these rules and any guidelines issued."; and

WHEREAS the Common Bio-medical Waste Treatment Facility (CBWTF) operated by M/s Rajdeep Biotech, Khasra No. 214, Village Boradas, Tehsil Ladpura, Kota, Rajasthan shall comply with the conditions stipulated in authorization granted by the Rajasthan State Pollution Control Board (RSPCB) for generation, collection, reception, storage, transportation, treatment and disposal of bio-medical waste as required under Rule 7 of the BMW Rules; and

WHEREAS the Common Bio-medical Waste Treatment Facility (CBWTF) operated by M/s Rajdeep Biotech, Khasra No. 214, Village Boradas, Tehsil Ladpura, Kota, Rajasthan (the Unit) was inspected on 04.08.2017 by a team of Central Pollution Control Board (CPCB) and the observations indicated that:

- (i) Separate and adequate room provision for storage of untreated and treated waste storage as per guideline of CPCB is not provided;

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- (ii) Manual feeding of waste is practiced and Tamper proof PLC based waste feeding system for operation of the incinerator as per guidelines of CPCB is not provided;
- (iii) Incinerator is operated with single burner and no burner is installed in secondary chamber. Also, the incinerator operated by the Unit is not complying with the operating parameters prescribed under schedule-II of BMWM Rules 2016 as the temperature of primary and secondary chambers observed are 530° C and 351° C respectively.
- (iv) Even yellow, red and black bags is being incinerated but not as per the treatment and disposal options stipulated under Schedule-I of the BMWM Rules, 2016.
- (v) Incinerator is not attached with the measuring devices for measuring negative draft in primary chamber as well as pressure drop across venturi scrubber.
- (vi) Horizontal type autoclave of 40 Ltr capacity installed by the Unit is not operational and neither autoclave is having necessary provision nor it is operated and efficacy test conducted and its records maintained in accordance with BMWM Rules, 2016.
- (vii) The installed shredder of 20 kg/Hr capacity was found to be non-operational as driving motor was neither attached nor available.
- (viii) ETP comprises provision of 03 stage settling tanks for treatment of waste water generated from the Unit and however, the ETP was not in operation.
- (ix) Venturi scrubber attached with the incinerator is not in operation as the water level of the scrubber tank is very low and neither recirculation pump is connected with venturi scurber.
- (x) The temperature of exit gases after droplet separator was observed to be very high indicating APCD is not in proper working condition.
- (xi) The ID fan attached with the incinerator seems to be inadequate capacity as dispersion was not observed from the exit point of the stack.
- (xii) Provision of vehicle and container washing is not provided within the Unit.
- (xiii) The vehicles which are used for collecting the bio-medical waste from member HCFs are not in accordance with rule 8 (5) of BMWM, Rules, 2016 and as per CPCB guidelines for CBWTFs
- (xiv) The stack emission monitoring provision of the stack attached with the incinerator is not in accordance with CPCB guidelines.
- (xv) Waste sharp pit provided for disposal of treated sharps is not as per CPCB guidelines and no records available with regard to the waste disposed quantity.
- (xvi) Pit provided for disposal of incinerator ash is small and totally unscientific and the Unit is yet to obtain membership of the TSDF for disposal of incineration ash in accordance with BMWM Rules, 2016.
- (xvii) CEMS system is yet to be installed by the Unit as per BMWM Rules, 2016 for monitoring of parameters as per conditions of authorisation to be granted by RSPCB.

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- (xviii) The Unit neither initiated the Barcode system and creation of website as required under the BMWM Rules nor having any plan for implementation of the same.
- (xix) The Unit was established in 3000 sq. feet area and the Unit is located in forest area which is not as per guidelines of CPCB
- (xx) The Unit is yet to obtain renewal of authorisation under BMWM Rules, 2016 from RSPCB.
- (xxi) The records related to vaccination, waste collection and disposal, log books of equipment etc. neither maintained nor shown to the visited team for verification.
- (xxii) Also, Unit is yet to comply with the recommendations communicated by CPCB vide its letter dated July 28, 2014 for ensuring compliance to the then notified BMW Rules as well as CPCB Guidelines for CBWTFs.

WHEREAS the Unit was found to be grossly violating the provisions of BMWM Rules, 2016 and CPCB guidelines for CBWTFs.

WHEREAS the Central Government vide notification S.O. 730 (E) dated July 10, 2002, has delegated the powers under Section 5 of the Environment (Protection) Act, 1986 to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local, or any other authority for the violation of the standards and rules relating to bio-medical waste notified under the Environment (Protection) Act, 1986 and amendments made thereof.;

NOW THEREFORE, in exercise of the powers vested under Section 5 of the Environment (Protection) Act, 1986, you are here by directed to

- (i) ***Close the Unit namely M/s Rajdeep Biotech, Khasara No. 214, Village Borabas, Tehsil Ladpura, District Kota, Rajasthan with immediate effect for violation of provisions of BMWM Rules and CPCB guidelines;***
- (ii) ***The Unit shall collect segregated bio-medical waste from its member health care facilities and the same shall be transported to near by CBWTF namely M/s. Hoswin Incinerator, Jhalawar, Rajasthan for ensuring further treatment and disposal of bio-medical waste in accordance with the BMWM Rules, 2016; and***
- (iii) ***The Unit shall operate its facility only after completing the necessary improvements and revocation of these directions by CPCB.***

In case the Unit fails to comply with the above Directions, CPCB will be constrained to initiate proceedings against the Unit i.e, ***M/s Rajdeep Biotech, Khasara No. 214, Village Borabas, Tehsil Ladpura, District Kota, Rajasthan*** as deemed fit under the Environment (Protection) Act, 1986 and amendments made thereof.



(S.P. Singh Parihar)
Chairman

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Copy to:

1. Joint Secretary, HSM Division,
Ministry of Environment, Forest & Climate Change
Indira Paryavaran Bhavan,
Jor Bagh Road,
New Delhi - 110 003.
2. Member Secretary
Rajasthan State Pollution Control Board,
4, Institutional Area,
Jhalana Doongari,
Jaipur-302 004, Rajasthan. : For information & ensure
that afore-said Unit to
comply with these
directions within the
stipulated time period.
3. District Magistrate
Kota,
Rajasthan-324 001. : For information.
4. Managing Director,
Jaipur Vidyut Vitran Nigam Ltd.,
Kherli Phatak, Road,,
Nayapura, Kota,
Rajasthan 324002. : To cut off power supply to
the afore-said Unit with
immediate effect.
5. Regional Directorate
Central Pollution Control Board
3rd Floor, Sahkar Bhawan
North TT Nagar,
Bhopal - 462 003, Madhya Pradesh.
6. I/c ESS Division, CPCB : for information & record.
7. I/c IT Division, CPCB : for information & n.a.pl.



(A.B.Akolkar)
Member Secretary

