

(घ) साझा जैव-चिकित्सा सुविधाओं द्वारा सूचित की गई दुर्घटनाओं की संख्या"

[फा. सं. 3-1/2000-एचएसएमडी]

रीतेश कुमार सिंह, संयुक्त सचिव

**टिप्पण :** मूल नियम भारत के राजपत्र, असाधारण, भाग II, खंड 3, उप-खंड (i) में दिनांक 28 मार्च, 2016 की अधिसूचना सं. सा.का.नि. 343 (अ) के अधीन प्रकाशित किए गए थे।

## MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

### NOTIFICATION

New Delhi, the 16th March, 2018

**G.S.R. 234 (E).**— In exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following rules to amend the Bio-Medical Waste Management Rules, 2016, published in the Gazette of India, Extraordinary, vide G.S.R. 343(E), dated the 28<sup>th</sup> March, 2016, after having dispensed with the requirement of notice under clause (a) of sub-rule (3) of rule 5 of the said rules in public interest, namely:—

1. (1) These rules may be called the Bio-Medical Waste Management (Amendment) Rules, 2018.  
(2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Bio-Medical Waste Management Rules, 2016 (hereinafter referred to as the principal rules), in rule 2, in sub-rule (2),—
  - (i) in clause (c), for the words, brackets and figures “Municipal Solid Waste (Management and Handling) Rules, 2000”, the words and figures “Solid Waste Management Rules, 2016” shall be substituted;
  - (ii) in clause (e), for the words, brackets and figures “Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008”, the words, brackets and figures “Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016”, shall be substituted; and
  - (iii) in clause (f), for the words, brackets and figures “E-Waste (Management and Handling) Rules, 2011”, the words, brackets and figures “E-Waste (Management) Rules, 2016”, shall be substituted.
3. In the principal rules, in rule 4,—
  - (i) in clause (c), for the portion beginning with “or National and ending with final disposal”, the following shall be substituted, namely:—  
“(c), guidelines on Safe management of wastes from health care activities and WHO Blue Book, 2014 and then sent to the Common bio-medical waste treatment facility for final disposal;”.
  - (ii) for clause (d), the following clause shall be substituted, namely:—  
“(d) phase out use of chlorinated plastic bags (excluding blood bags) and gloves by the 27<sup>th</sup> March, 2019;”.
  - (iii) in clause (i), for the words “place for any purpose within one year from the date of the notification of these rules”, the words and figures “for the further treatment and disposal in accordance with the guidelines issued by the Central Pollution Control Board by 27<sup>th</sup> March, 2019” shall be substituted;
  - (iv) for clause (p), the following clause shall be substituted, namely:—  
“(p) ,all the health care facilities (any number of beds) shall make available the annual report on its web-site within a period of two years from the date of publication of Bio-Medical Waste Management (Amendment) Rules, 2018;”.
4. In the principal rules, in rule (5), in clause (c), for the words “within one year”, the words, letters and figures “in accordance with the guidelines issued by the Central Pollution Control Board by 27<sup>th</sup> March, 2019” shall be substituted.
5. In the principal rules, in rule 7, in clause (8),—

- (a) for the words “phase out use of non-chlorinated plastic bags”, the words “phase out use of chlorinated plastic bags” shall be substituted;
- (b) for the words and figures “the Plastic Waste Management Rules, 2011”, the words and figures “the Plastic Waste Management Rules, 2016” shall be substituted.
6. In the principal rules, in rule 13, in sub-rule (2), for the words “Central Pollution Control Board on or before”, the words, figures, brackets and letter “Central Pollution Control Board in Form IVA before” shall be substituted.
7. In the Schedule I to the principal rules,—
- (a) in the Table under part 1—
- (i) against the category yellow,—
- (A) in item (g) under column (2), after the words “body fluid”, the words “, routine mask and gown” shall be inserted;
- (B) against item (h), for the entry under column (3), the following entry shall be substituted, namely:—  
“Autoclave or Microwave or Hydroclave safe plastic bags or containers”;
- (C) against item (h), in the entry under column (4), for the portion beginning with “as per National AIDS Control Organisation”, and ending with “for incineration”, the following shall be substituted, namely:—  
“as per World Health Organisation guidelines on Safe management of wastes from health care activities and WHO Blue Book, 2014 and thereafter sent for incineration”;
- (ii) against the category blue—
- (A) against item (a), for the entry under column (3), the following item shall be substituted, namely:—  
“(a) Puncture proof and leak proof boxes or containers with blue colored marking”;
- (B) against item (b) for the entry under column (3), the following item shall be substituted, namely:—  
“(b) Puncture proof and leak proof boxes or containers with blue colored marking”;
- (iii) in the Note, for the word and figures “Schedule - III”, the word and figures “Schedule - II” shall be substituted;
- (b) in Part - 2, in item (2), for the figures “10 %”, the figures “1% to 2%” shall be substituted;
8. In Schedule II to the principal rules,—
- (i) in serial number 1, in the Table under Part B relating to “Emission Standards”, in column heading under (3), for the letters and figure “mgNm<sup>3</sup>” the letters and figure “mg/Nm<sup>3</sup>” shall be substituted;
- (ii) in serial number 8, in item (1), the following Note shall be inserted, namely:—  
“Note—
1. Above limits are applicable to the occupiers of Health Care Facilities (bedded) which are either connected with sewerage network without terminal sewage treatment plant or not connected to public sewers.
  2. For discharge into public sewers with terminal facilities, the general standards as notified under the Environment (Protection) Act, 1986 (29 of 1986) shall be applicable.
  3. Health Care Facilities having less than ten beds shall have to install Sewage Treatment Plant by the 31<sup>st</sup> December, 2019.
  4. Non-bedded occupiers shall dispose infectious liquid wastes only after treatment by disinfection as per Schedule - II (6) of the principal rules.”.
9. In Schedule - III to the principal rules,—
- (i) against serial number 3, in item (i) under column (3), for the brackets, word and figure “(Rule 9)”, the brackets, word and figure “(Rule 10)” shall be substituted;
- (ii) against serial number 4, in item (viii) under column (3), for the brackets, word and figure “(Rule 9)”, the brackets, word and figure “(Rule 12)” shall be substituted.

10. In the principal rules, after Form IV, the following Form shall be inserted, namely:—

**“Form IVA**

**[See rule 13(2)]**

Format for Submission of the Annual Report Information on Bio-medical Waste Management (to be submitted by the State Pollution Control Boards or Pollution Control Committees and Director General Armed Forces Medical Services to Central Pollution Control Board on or before 31<sup>st</sup> July of every year for the period from January to December of the preceding calendar year)

Part-1 (Summary of Information)

- |        |  |   |                      |
|--------|--|---|----------------------|
| (1)    | Name of the Organisation   | : |                      |
| (2)    | Name of the Nodal Officer with contact telephone number and e-mail   | : |                      |
| (3)    | Total no. of Health Care Facilities / Occupiers  | : |                      |
| (i)    | Bedded Hospitals and Nursing Homes (bedded)  | : |                      |
| (ii)   | Clinics, dispensaries  | : |                      |
| (iii)  | Veterinary institutions  | : |                      |
| (iv)   | Animal houses  | : |                      |
| (v)    | Pathological laboratories  | : |                      |
| (vi)   | Blood banks  | : |                      |
| (vii)  | Clinical establishment   | : |                      |
| (viii) | Research Institutions  | : |                      |
| (ix)   | AYUSH  | : |                      |
| (4)    | Total no. of beds  | : |                      |
| (5)    | Status of authorisation  | : |                      |
| (i)    | Total number of Occupiers applied for authorisation  | : |                      |
| (ii)   | Total number of Occupiers granted authorisation  | : |                      |
| (iii)  | Total number of application under consideration  | : |                      |
| (iv)   | Total number of applications rejected  | : |                      |
| (v)    | Total number of Occupiers in operation without applying for authorisation  | : |                      |
| (6)    | Quantity of Bio-medical Waste Generation (in kg/day)   | : |                      |
|        | (please enclose District Wise Bio-medical Waste Generation as per Part-2)  |   |                      |
| (i)    | Bio-medical waste generation by bedded hospitals(in kg/day)  | : |                      |
| (ii)   | Bio-medical waste generation by non-bedded hospitals (in kg/day)   | : |                      |
| (iii)  | Any other  | : |                      |
|        |  |   | Total : _____ Kg/day |
| (7)    | Bio-medical waste treatment and disposal   |   |                      |
| (a)    | By Captive bio-medical waste treatment and disposal by Health Care Facilities (please enclose details as per Part-3)             |   |                      |
| (i)    | Number of Health Care Facilities having captive treatment and Disposal facilities :  |   |                      |
| (ii)   | Total bio-medical waste treated and disposed by captive treatment facilities in kg/day :   |   |                      |
| (b)    | Bio-medical waste treatment and disposal by Common Bio Medical Waste Treatment Facilities (please enclose details as per Part 4) |   |                      |
| (i)    | Number of Common Bio Medical Waste Treatment Facilities in Operation :   |   |                      |
| (ii)   | Number of Common Bio Medical Waste Treatment Facilities under construction :   |   |                      |



Medical Waste Treatment Facilities with contact person name and telephone number			by Common Bio-Medical Waste Treatment Facilities	being covered		collected from member Health Care Facilities (in Kg/day)	Equipment	Numbers	Total installed capacity (kg/day)	kg/day	tics)
							Incinerator				Incineration Ash:
							Plasma Pyrolysis				Quantity: Disposed by:
							Autoclave Hydroclave				Sharps:
							Microwave				Quantity: Disposed by:
							Shredder				Quantity: Disposed by:
							Sharps encapsulation or concrete pit				
							Deep burial pits				
							Any other equipment				
							Effluent Treatment Plant				ETP Sludge: Quantity: Disposed by:
							Sub-total				

- (a) Total Number of transportation vehicles used for collection of Bio-medical Waste on daily basis by the Common Bio-Medical Waste Treatment Facilities:
- (b) List of Health Care Facilities not having membership with the Common Bio-Medical Waste Treatment Facilities and neither having captive treatment facilities:
- (c) Number of trainings organised by the Common Bio-Medical Waste Treatment Facility operators:
- (d) Number of Accidents **reported by the Common Bio Medical Waste Treatment Facilities:**”.

[F. No. 3-1/2000-HSMD]  
RITESH KUMAR SINGH, Jt. Secy.

**Note:** The principal rules were published in the Gazette of India, Extraordinary, PART II—Section 3—Sub-section (i), vide G.S.R. 343(E), dated the 28<sup>th</sup> March, 2016.