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FMS-47925

12/7/19

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

By Speed Post

F. No. B-31011/BMW (58.A)/2019/WMD-I 3461

To

The Member Secretary
Haryana Pollution Control Board
C-11, Sector-6 Panchkula
Haryana-134 109

July 08, 2019

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3. hg
12/7/19
Sr. S.C.
Ramm
15.7.19
EE (W/MC)

Sub.: Amendments to the Biomedical Waste Management Rules, 2016 notified under Environment (Protection) Act, 1986 - reg.

Sir,

This is to inform that Ministry of Environment, Forest and Climate Change, Govt. of India has amended the Biomedical Waste Management Rules, 2016 notified under Environment (Protection) Act, 1986 in 2018 & 2019 vide notifications, G.S.R 234 (E) dated 16.03.2018, G.S.R. 129 (E) dated 19.02.2019 and G.S.R. 360 (E) dated 10.05.2019.

I am directed to forward copies of aforesaid amendments which are enclosed for ready reference and for ensuring implementation of said Rules.

Yours Faithfully,

(Youthika)
Scientist 'D'

Encl: As above

टिप्पण : मूल नियम भारत के राजपत्र, असाधारण, भाग-II, खंड 3, उप-खंड (i) में अधिसूचना सं. सा.का.नि. 343 तारीख, 28 मार्च, 2016 द्वारा प्रकाशित किए गए थे और तत्पश्चात इनमें अधिसूचना सं. सा.का.नि. 234 तारीख 16 मार्च, 2018 और सं. सा.का.नि. 129 (अ) 19 फरवरी, 2019 द्वारा संशोधन किए गए थे।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
NOTIFICATION

New Delhi, the 10th May, 2019

G.S.R. 360(E).—In exercise of the powers conferred by Sections 6, 8 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (4) or rule 5 of the Environment (Protection) Rules, 1986, the Central Government, after having dispensed with the requirement of notice under clause (a) of sub-rule (3) of rule 5 of the rule in public interest, hereby makes the following rules further to amend the Bio-Medical Waste Management Rules, 2016, namely:—

1. (1) These rules may be called the Bio-Medical Waste Management (Second Amendment) Rules, 2019.

(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 said rules), in rule 4, in clause the following Explanation shall be inserted, namely:—

“**Explanation.**— For removal of doubts, it is hereby clarified that the expression “Chlorinated plastic bags” shall include urine bags, effluent bags, abdominal bags and chest drainage bags.”

3. In Schedule III to the said rules, against serial number 3, in column (3), in item (viii), for the brackets and the letters “(viii)”, the brackets and letters “(vii)” shall be substituted.

[F. No. 3-1/2000-HSI]

ARVIND KUMAR NAUTIYAL, Jt. S

Note: The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (i), number G.S.R. 343(E), dated the 28th March, 2016 and subsequently amended *vide* number G.S.R. 234(E), dated the 16th March, 2018 and number G.S.R. 129(E), dated the 19th February, 2019.



भारत का राजपत्र The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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नई दिल्ली, बुधवार, फरवरी 20, 2019/फाल्गुन 1, 1940

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NEW DELHI, WEDNESDAY, FEBRUARY 20, 2019/PHALGUNA 1, 1940

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 19 फरवरी, 2019

सा.का.नि. 129(अ).—पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उप-नियम (4) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 (1986 का 29) की धारा 6, 8 और 25 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, केंद्रीय सरकार, उक्त नियम के नियम 5 के उप-नियम (3) के खंड (क) के अधीन जनहित में दी गई सूचना की अपेक्षा को समाप्त करने के पश्चात्, जैव-चिकित्सा अपशिष्ट प्रबंधन नियम, 2016 में और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात्:-

- (1) इन नियमों को जैव-चिकित्सा अपशिष्ट प्रबंधन (संशोधन) नियम, 2019 कहा जाएगा।
 - (2) ये राजपत्र में इनके प्रकाशन की तारीख को प्रवृत्त होंगे।
2. जैव-चिकित्सा अपशिष्ट प्रबंधन नियम, 2016 (जिसे इसमें इसके पश्चात् उक्त नियम कहा गया है) के नियम 4 में, -

(i) खंड (ढ) के लिए, निम्नलिखित खंड प्रतिस्थापित किया जाएगा, अर्थात्:-

"(ढ), सभी बिस्तरयुक्त स्वास्थ्य केन्द्रों के मामले में, दिन-प्रतिदिन के आधार पर जैव-चिकित्सा अपशिष्ट प्रबंधन रजिस्टर रखे और उसे अद्यतन करे और अनुसूची-I में यथा विनिर्दिष्ट श्रेणी एवं रंग की कोडिंग की दृष्टि से सृजित जैव चिकित्सा अपशिष्टों के अनुसार मासिक अभिलेख को वेबसाइट पर प्रदर्शित करें;"

(ii) खंड (त) के लिए, निम्नलिखित खंड प्रतिस्थापित किया जाएगा, अर्थात्:-

"(त), सभी बिस्तरयुक्त स्वास्थ्य केन्द्रों के मामले में, (चाहे बिस्तरों की संख्या कितनी भी हो), जैव-चिकित्सा अपशिष्ट प्रबंधन (संशोधन) नियम, 2018 के प्रकाशन की तिथि से दो वर्षों की अवधि के अंदर अपनी वेबसाइट पर वार्षिक रिपोर्ट उपलब्ध कराएं;"।

3. उक्त नियमों की अनुसूची-II में, क्रम सं. 8 के सामने, मद सं. (1) में, टिप्पण में, खंड-3 के लिए, निम्नलिखित खंड प्रतिस्थापित किया जाएगा, अर्थात्:-

"3. दस बिस्तरों से कम वाले स्वास्थ्य केन्द्रों को 31 दिसम्बर, 2019 की तारीख तक द्रव अपशिष्ट पदार्थ के लिए आउटपुट स्लाव मानक का अनुपालन करना होगा।

4. उक्त नियमों की अनुसूची-III में,-

(i) क्र. सं. 3 के सामने, स्तंभ (3) में, मद सं. (vi) के पश्चात्, निम्नलिखित मद अंतर्लिखित की जाएगी, अर्थात्:-

"(vii) महानिदेशक, सशस्त्र बल चिकित्सा सेवा द्वारा प्रचालित चिकित्सा निरीक्षण (एमआई) कक्ष, जहाजों पर रोगी कक्ष या पनडुब्बी, स्टेशन चिकित्सा केन्द्र तथा अग्रिम स्थानों में स्थित क्षेत्र अस्पताल का निरीक्षण और निगरानी।"

(ii) क्र.सं. 4 के सामने, स्तंभ (3) में, मद सं. (viii) के लिए, निम्नलिखित मद अंतर्विष्ट की जाएगी, अर्थात्:-

"(vii) महानिदेशक, सशस्त्र बल चिकित्सा सेवा द्वारा प्रचालित चिकित्सा निरीक्षण (एमआई) कक्षों, जहाजों पर रोगी कक्ष या पनडुब्बी, स्टेशन चिकित्सा केन्द्रों तथा अग्रिम स्थानों में स्थित क्षेत्र अस्पतालों को छोड़कर अन्य स्वास्थ्य केन्द्रों का निरीक्षण और निगरानी (नियम-9)।"

[फा.सं.3-1/2000-एचएसएमडी]

रितेश कुमार सिंह, संयुक्त सचिव

टिप्पण : मूल नियम भारत के राजपत्र, असाधारण, भाग-II, खंड 3, उप-खंड (i) में अधिसूचना सं. सा.का.नि. 343 (अ) तारीख 28 मार्च, 2016 द्वारा प्रकाशित किए गए थे और पश्चात्वर्ती अधिसूचना सं. सा.का.नि. 234 (अ) तारीख 16 मार्च, 2018 द्वारा संशोधित किए गए थे।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 19th February, 2019

G.S.R. 129(E).—In exercise of the powers conferred by Sections 6,8 and 25 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, after having dispensed with the requirement of notice under clause(a) of sub-rule (3) of rule 5 of the said rule in public interest, hereby makes the following rules further to amend the Bio-Medical Waste Management Rules, 2016, namely:-

- (1) These rules may be called the Bio-Medical Waste Management (Amendment) Rules, 2019.
- (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 (herein after referred to as the said rules), in rule 4,-
- (i) For clause (n), the following clause, shall be substituted, namely:-
- “(n) ,in case of all bedded health care units, maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and colour coding as specified in Schedule I;”;
- (ii) For clause (p), the following clause shall be substituted, namely:-
- “(p) ,in case of all bedded health care facilities (any number of beds), make available the annual report on its web-site within a period of two years from the date of publication of the Bio-Medical Waste Management (Amendment) Rules, 2018;”.
3. In Schedule II to the said rules, against serial number 8, in item (1), in the Note, for clause 3, the following clause shall be substituted, namely: -
- “3. Health Care Facilities having less than ten beds shall have to comply with the output discharge standard for liquid waste by 31st December, 2019.”
4. In Schedule III to the said rules, -
- (i) Against serial number 3, in column (3), after item (vi), the following item shall be inserted, namely: -
- “(viii) Inspection and monitoring of Medical Inspection (MI) rooms, sick bays onboard ships or submarines, station medical centres and field hospitals in forward locations operated by the Director General, Armed Force Medical Services.”;
- (ii) Against serial number 4, in column (3), for item (viii), the following item shall be is substituted, namely: -
- “(viii) Inspection and monitoring of health care facilities other than Medical Inspection (MI) rooms, sick bays on board ships or submarines, station medical centres and field hospitals in forward locations operated by the Director General, Armed Forces Medical Services (Rule-9).”.

[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 number G.S.R. 343(E), dated the 28th March, 2016 and subsequently amended vide number G.S.R. 234(E), dated the 16th March, 2018.

(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 28th 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 27th 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 27th 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 27th March, 2019" shall be substituted.
5. In the principal rules, in rule 7, in clause (8),—

52

- (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 I-
- (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 "mgNm³" the letters and figure "mg/Nm³" 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 31st 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 31st 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: Quantity: Disposed by:
							Microwave				Plastics: Quantity: Disposed by:
							Shredder				
							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 28th March, 2016.