



30  
14/03/17

No. F. Tech/61/Misc/ZOB/2016-17/1534

February 23, 2017

To  
The Member Secretary,  
Kerala State Pollution Control Board,  
Plamoodu Jn., Pattom Palace P.O.  
Thiruvananthapuram-695 004

**Sub: Enforcement of Standard Operating Procedure for utilization of hazardous Wastes under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016**

Ref: CPCB Delhi letter No.B-29016(SC)/1(55-IV)/HWMD dated February 13, 2017

ABE-2

Sir,

MS  
16/03/17

A copy of the letter addressed to the SPCBs/PCCs by CPCB Delhi is attached herewith is self-explanatory on the subject.

P  
9/3

It is kindly requested to ensure that authorization for hazardous waste utilization shall be issued by SPCBs/PCCs only upon verification and compliance of provisions and minimal requisite facilities outlined in the SOPs prepared and forwarded to the SPCBs by CPCB and in accordance with the provisions of the aforesaid rules.

↓  
16/3/17

Kindly acknowledge the receipt of information.

Yours faithfully

S. Suresh  
23/2/2017  
(S. Suresh)

Regional Director

Encl As above

PCB/HO/HOW/RULE 9/3/2017

05.05.2017

The above letter from CPCB is forwarded for information and further necessary action

MEMBER SECRETARY

- To,
- (1) All Technical officers in HO
  - (2) All ROs & DOs
  - (3) IT cell (for uploading in Board's website)

34  
10/11/16

Speed Post

F.No.B-29016(SC)/1(55-IV)/16/HWMD/ 20703

December 23, 2016

To

The Member Secretary  
Kerala Pollution Control Board  
Plamoodu JN, Pattom Palace, P.O.  
Trivandrum - 695 004.

**Sub:** Standard Operating Procedure for utilization of hazardous waste under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016- Utilization of Vanadium Sludge generated from Alumina Refineries industry - Reg.

**Ref.:** (i) CPCB letter No.F.No.B-29016(SC)/1(55-IV)/16/HWMD/ 2879-2913 dated on June 30, 2016  
(ii) CPCB letter No. F.No.B-29016(SC)/1(55-IV)/16/HWMD/ 18997-19031 dated on October 28, 2016  
(iii) CPCB letter No. F.No.B-29016(SC)/1(55-IV)/16/HWMD/ 19734-19768 dated on October 28, 2016dated on November 25, 2016

Sir,

This has reference to Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016, which stipulates that utilization of hazardous and other wastes as a resource or after pre-processing either for co-processing or for any other use, including within the premises of the generator (if it is not part of process), shall be carried out only after obtaining authorization from the State Pollution Control Board in respect of waste on the basis of standard operating procedures or guidelines provided by the Central Pollution Control Board. In this regard, CPCB has forwarded 20 standard operating procedures (SoPs) for various types of hazardous waste utilization processes vide above referred letters.

In continuation to the above, please find enclosed SoPs for utilization of Vanadium Sludge generated from Alumina Refineries industry to produce Vanadium Metal using utilization process as outlined therein. It may please be ensured that proponent of such Vanadium Sludge utilization are authorized only after ensuring compliance to the enclosed SOPs & minimal requisite facilities and in accordance with the provisions stipulated under the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016.

Encl.: As above

Yours faithfully

(Bharat K Sharma)

Additional Director, HWM Division

AE2

CB

B  
9/11

Hw Rules  
to be Enclosed

GA  
18/11

AE 9  
12/12/16

PCB/HO/HOW/RULE 9/12/2017

05.05.2017

The above letter from CPCB is forwarded for information and further necessary action

MEMBER SECRETARY

To,  
(1) All Technical Officers in HO  
(2) All ROs & DOs



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन विभाग  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

SPEED POST

24  
2/2/17

F No.B-29016(SC)/1(55-IV)/17/HWMD/

January 20, 2017

To  
The Member Secretary  
Kerala Pollution Control Board  
Plamoodu JN, Pattom Palace, P.O.  
Trivandrum – 695 004

**Sub:** Standard Operating Procedure for utilization of hazardous waste under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016- Utilization of Phenolic Wastewater generated from Coal Gasifier condensate water- Reg.

- Ref:** (i) CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/2879-2913 dated 30/06/2016  
(ii) CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/18997-19031 dated 28/10/2016  
(iii) CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/19734-19768 dated 25/11/2016  
(iv) CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/20691-20725 dated 23/12/2016

Sir,

This has reference to Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016 which stipulates that utilisation of hazardous and other wastes as a resource or after pre-processing either for co-processing or for any other use, including within the premises of the generator (if it is not part of process), shall be carried out only after obtaining authorisation from the State Pollution Control Board in respect of waste on the basis of standard operating procedures or guidelines provided by the Central Pollution Control Board. In this regard, CPCB has forwarded 21 Standard Operating Procedures (SOPs) for various types of hazardous waste utilisation processes vide above referred letters.

Recd 1/ Recd 3

*[Handwritten signature]*

In continuation to above, please find enclosed SOPs for utilization of Phenolic Wastewater generated from Coal Gasifier condensate water for quenching of hot gases in After Burning Chamber of Direct-reduced iron (DRI) kiln of Sponge Iron Industry. It may please be ensured that proponent of such Phenolic wastewater utilization are authorised only after ensuring compliance to the enclosed SOPs & minimal requisite facilities and in accordance with the provisions stipulated under the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016.

1/14/17

Yours faithfully

*[Handwritten signature]*

(Bharat K Sharma)  
Additional Director, HWMD

Encl.: As above

PCB/HO/HOW/RULE 9/13/2017

05.05.2017

The above letter from CPCB is forwarded for information and further necessary action

*[Handwritten signature]*  
MEMBER SECRETARY  
for

To,  
(1) All Technical officers in HO

(2) All ROs & DOs

(3) All Board members



810  
26/04/17

Speed Post

April 10, 2017

F.No.B-29016(SC)/1(55-IV)/17/HWMD/ 624

To  
The Member Secretary  
Kerala Pollution Control Board  
Plamoodu JN, Pattom Palace, P.O.  
Trivandrum - 695 004

**Sub:** Standard Operating Procedures for utilization of hazardous waste under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016, Utilization of Spent Pot Lining (SPL) generated from Primary Aluminum Smelting Industries for manufacturing of Carbon mineral fuel, as resource/energy recovery in Cement Kiln -Reg.

- Ref:**
- i. CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/2879-2913 dated 30/06/2016
  - ii. CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/18997-19031 dated 28/10/2016
  - iii. CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/19734-19768 dated 25/11/2016
  - iv. CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/20691-20725 dated 23/12/2016
  - v. CPCB letter no. B-29016(SC)/1(55-IV)/17/HWMD/9794-9827 dated 20/01/2017
  - vi. CPCB letter no. B-29016(SC)/1(55-IV)/17/HWMD/23140-23174 dated 13/02/2017
  - vii. CPCB letter no. B-29016(SC)/1(55-IV)/17/HWMD/24214-24248 dated 09/03/2017
  - viii. CPCB letter no. B-29016(SC)/1(55-IV)/17/HWMD/24438-24472 dated 16/03/2017
  - ix. CPCB letter no. B-29016(SC)/1(55-IV)/17/HWMD/ 15277-15311 dated 23/03/2017
  - x. CPCB letter no. B-29016(SC)/1(55-IV)/17/HWMD/272-306 dated 05/04/2017

SGG2

Sir,

R  
20/4

This has reference to Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016 which stipulates that utilisation of hazardous and other wastes as a resource or after pre-processing either for co-processing or for any other use, including within the premises of the generator (if it is not part of process), shall be carried out only after obtaining authorisation from the State Pollution Control Board in respect of waste on the basis of standard operating procedures or guidelines provided by the Central Pollution Control Board. In this regard, CPCB has forwarded 33 Standard Operating Procedures (SoPs) for various types of hazardous waste utilization processes vide above referred letters. Soft copies of the said SoPs are also available on CPCB website [http://www.cpcb.nic.in/Hazardous\\_waste.php](http://www.cpcb.nic.in/Hazardous_waste.php)

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In continuation to above, please find enclosed SoPs for Utilization of Spent Pot Lining (SPL) (Hazardous Waste Category at Sl. No. 11.2 of schedule-I of HOWM Rules, 2016) generated from Primary Aluminum Smelting Industries for manufacturing of Carbon mineral fuel, to be utilized as resource/energy recovery in Cement Kiln.

A-11  
25/12

Further, it is requested to kindly ensure that authorisation for hazardous waste utilization shall be issued by SPCB/PCC only upon verification and compliance of provisions & minimal requisite facilities outlined in the said SoPs and in accordance with provisions of Rule 9 and Rule 5 of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.

Yours faithfully

(Bharat K Sharma)

Additional Director & Head  
WM-II Div.

05.05.17

Encl.: As above

PCB/HO/HOW/RULE 9/13/2017

The above letters from CPCB is forwarded for information and further necessary action

MEMBER SECRETARY

for

To,

- (1) All Technical Officers in HO
- (2) All ROs & DCs
- (3) To Pollution Control Board (uploading the SOPs in Bd's website)



Q37  
22/12/17

Speed Post

F No.B-29016(SC)/1(55-IV)/17/HWMD/

February 13, 2017

To

The Member Secretary  
Kerala Pollution Control Board  
Plamoodu JN, Pattom Palace, P.O.  
Trivandrum - 695 004

**Sub:** Enforcement of Standard Operating Procedure for utilization of hazardous waste under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016- Reg.

**Ref:** (i) CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/2879-2913 dated 30/06/2016  
(ii) CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/18937-19031 dated 28/10/2016  
(iii) CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/19734-19768 dated 25/11/2016  
(iv) CPCB letter no. B-29016(SC)/1(55-IV)/16/HWMD/20691-20725 dated 23/12/2016  
(v) CPCB letter no. B-29016(SC)/1(55-IV)/17/HWMD/9794-9827 dated 20/01/2017

Sr,

This has reference to provision of Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016, which stipulates that utilisation of hazardous and other wastes as a resource or after pre-processing either for co-processing or for any other use, including within the premises of the generator (if it is not part of process), shall be carried out only after obtaining authorisation from the State Pollution Control Board in respect of waste on the basis of standard operating procedures or guidelines provided by the Central Pollution Control Board. In this regard, CPCB develops and forward Standard Operating Procedures (SOPs) along with minimal requisite facilities for specific types of hazardous waste utilisation, to all SPCBs/PCCs from time to time as and when prepared by CPCB. So far, 22 Standard Operating Procedures (SOPs) along with minimal requisite facilities for various types of hazardous waste utilisation processes have been forwarded to all SPCBs/PCCs vide above referred letters. Soft copies of the said SOPs are also available on CPCB website [http://www.cpcb.nic.in/Hazardous\\_waste.php](http://www.cpcb.nic.in/Hazardous_waste.php)

It is requested to kindly ensure that authorisation for hazardous waste utilization shall be issued by SPCB/PCC only upon verification and compliance of provisions & minimal requisite facilities outlined in the said SOPs and in accordance with the aforesaid provision of the Rules.

Yours faithfully

(A. B. Aklolkar)  
Member Secretary

05.05.2017

PCB/HO/HOW/RULE 9/12/2017

The above letter from CPCB is forwarded for information and further necessary action.

MEMBER SECRETARY

To,

- (1) All Technical Officers in HO
- (2) All ROs & DOs

