

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 1464 Session of 2021

INTRODUCED BY MALAGARI, SANCHEZ, SAYLOR, KENYATTA, CIRESI, D. WILLIAMS, DAVANZO, HENNESSEY, MULLINS, BERNSTINE, HELM, A. BROWN, ROWE, HILL-EVANS, O'MARA, TOMLINSON, DALEY, STURLA, PISCIOTTANO, THOMAS, QUINN AND MAJOR, MAY 21, 2021

AS REPORTED FROM COMMITTEE ON PROFESSIONAL LICENSURE, HOUSE OF REPRESENTATIVES, AS AMENDED, OCTOBER 4, 2021

AN ACT

1 Providing for crematory regulation.

2 The General Assembly of the Commonwealth of Pennsylvania  
3 hereby enacts as follows:

4 Section 1. Short title.

5 This act shall be known and may be cited as the Crematory  
6 Regulation Act.

7 Section 2. Definitions.

8 The following words and phrases when used in this act shall  
9 have the meanings given to them in this section unless the  
10 context clearly indicates otherwise:

11 "Crematory incinerator." A furnace or apparatus for burning  
12 animal or human remains to bone fragments.

13 "Department." The Department of Environmental Protection of  
14 the Commonwealth.

15 ~~Section 3. Emissions criteria.~~

16 ~~The operation of a crematory incinerator shall not at any~~

<--

1 ~~time result in any of the following emissions:~~

2 ~~(1) Particulate matter emissions in excess of 0.08~~  
3 ~~grains per dry standard cubic foot (gr/dscf), corrected to 7%~~  
4 ~~oxygen.~~

5 ~~(2) Sulfur compound emissions in excess of 500 parts per~~  
6 ~~million, by volume or dry basis.~~

7 ~~(3) Visible air contaminant emissions in a manner in~~  
8 ~~which the opacity of the emissions is equal to or greater~~  
9 ~~than:~~

10 ~~(i) 10% for a period aggregating more than three~~  
11 ~~minutes in any one hour; or~~

12 ~~(ii) 30% at any time.~~

13 ~~(4) Odor emissions in a manner in which the malodors are~~  
14 ~~detectable outside the property of the person on whose land~~  
15 ~~the crematory incinerator is being operated.~~

16 Section 4 3. Operating requirements. <--

17 A crematory incinerator shall operate under the following  
18 requirements:

19 ~~(1) With respect to charging, either of the following~~ <--  
20 ~~apply:~~

21 ~~(i) Before charging the unit, the temperature at the~~  
22 ~~exit of the secondary or last chamber shall achieve 1400~~  
23 ~~degrees Fahrenheit or higher and be maintained throughout~~  
24 ~~the cremation cycle.~~

25 ~~(ii) For units that are charged when both chambers~~  
26 ~~are cold, the temperature at the exit of the secondary or~~  
27 ~~last chamber shall achieve and be maintained at or above~~  
28 ~~1400 degrees Fahrenheit before firing the primary chamber~~  
29 ~~burner.~~

30 ~~(2) The crematory incinerator shall provide an interlock~~

1 ~~system that precludes either of the following:~~

2 ~~(i) The charging of the primary chamber until the~~  
3 ~~temperature at the exit of the secondary or last chamber~~  
4 ~~is established and holding at or above 1400 degrees~~  
5 ~~Fahrenheit and, after charging, precludes opening the~~  
6 ~~charge door until the cremation cycle is complete, except~~  
7 ~~for short periods of time to inspect or reposition the~~  
8 ~~remains.~~

9 ~~(ii) In units that are charged when both chambers~~  
10 ~~are cold, the firing of the primary chamber burner until~~  
11 ~~the secondary chamber temperature is established and~~  
12 ~~holding at or above 1400 degrees Fahrenheit.~~

13 ~~(3) The representative or another qualified technician~~  
14 ~~of the manufacturer shall adjust the burners after the unit~~  
15 ~~is constructed and before a new unit is first operated and at~~  
16 ~~other appropriate times such as when the use of an approved~~  
17 ~~fuel is initiated and when visible emissions are observed.~~

18 (1) GASES GENERATED BY THE COMBUSTION IN A CREMATORY <--  
19 INCINERATOR SHALL BE SUBJECT TO A MINIMUM TEMPERATURE OF 1400  
20 DEGREES FAHRENHEIT FOR A PERIOD OF NOT LESS THAN ONE SECOND.

21 ~~(4)~~ (2) The department shall not require operation of a <--  
22 crematory incinerator at a temperature greater than specified  
23 in this section.

24 Section 5 4. Monitoring. <--

25 (a) Requirements.--The temperature at the primary and <--  
26 ~~secondary or last combustion chamber exit of~~ WHICH a crematory <--  
27 incinerator IS OPERATED shall be continuously monitored and <--  
28 recorded.

29 ~~(b) Sensors. Sensors shall be located in a crematory~~ <--  
30 ~~incinerator such that flames from the burners do not impinge on~~

1 ~~the sensors.~~

2 ~~(c) Standard. Continuous monitoring~~ (B) STANDARD.-- <--

3 MONITORING shall be conducted in accordance with ~~rules and~~ <--

4 regulations adopted by the department.

5 Section ~~6~~ 5. Applicability. <--

6 This act applies to a crematory incinerator for which

7 construction commenced after April 17, 1989.

8 Section ~~7~~ 6. Effective date.

9 This act shall take effect in ~~180~~ 60 days. <--