



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
WARREN DISTRICT OFFICE



DANIEL EICHINGER
ACTING DIRECTOR

January 6, 2023

James Santeiu, Owner
Southern Michigan Cremation Services R.O. Inc.
4839 Fernlee Avenue
Royal Oak, MI 48073

SRN: P0932, Oakland County

Dear James Santeiu:

VIOLATION NOTICE

On December 15, 2022, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted an inspection of Southern Michigan Cremation Services R.O. Inc. located at 4839 Fernlee Avenue, Royal Oak, Michigan. The purpose of this inspection was to determine Southern Michigan Cremation Services R.O. Inc.'s compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions of Permit to Install (PTI) number 113-18A.

During the inspection, staff observed the following:

| Process Description | Rule/Permit Condition Violated | Comments |
|---------------------|---|---|
| EU-CREMATORY3 | PTI 113-18A, FG750, III.1, and R 336.1910. | The permittee failed to maintain a minimum temperature of 1600°F in the EU-CREMATORY3 secondary combustion chamber. The December 14, 2022, record indicates that the temperature was approximately 1575°F for approximately one hour. The permit requires a minimum temperature of 1600°F. |
| EU-CREMATORY5 | PTI 113-18A, FG1200, III.1, and R 336.1910. | The permittee failed to maintain a minimum temperature of 1600°F in the EU-CREMATORY5 secondary combustion chamber. On December 14, 2022, the secondary combustion chamber temperature oscillated above and below 1600°F during multiple cremations. The permit requires a minimum temperature of 1600°F. |

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During this inspection, staff observed that the permittee failed to maintain a minimum temperature of 1600°F in the EU-CREMATORY3 secondary combustion chamber according to the temperature record. The December 14, 2022 record indicates that the temperature was at approximately 1575°F for about one hour. This constitutes a violation of PTI 113-18A, FG750, III.1, which states, "The permittee shall not combust waste in any crematory in FG750 unless a minimum temperature of 1600°F and a minimum retention time of 1.0 seconds in the secondary combustion chamber are maintained." Failing to maintain a minimum temperature of 1600°F also constitutes a violation of R 336.1910, which states, "An air-cleaning device shall be installed, maintained, and operated in a satisfactory manner and in accordance with these rules and existing law."

During this inspection, staff observed that the permittee failed to maintain a minimum temperature of 1600°F in the EU-CREMATORY5 secondary combustion chamber according to the temperature chart. The record indicates the secondary combustion chamber temperature oscillated above and below 1600°F during multiple cremations. This constitutes a violation of PTI 113-18A, FG1200, III.1, which states, "The permittee shall not combust waste in any crematory in FG1200 unless a minimum temperature of 1600°F and a minimum retention time of 1.0 seconds in the secondary combustion chamber are maintained." Failing to maintain a minimum temperature of 1600°F also constitutes a violation of R 336.1910, which states, "An air-cleaning device shall be installed, maintained, and operated in a satisfactory manner and in accordance with these rules and existing law."

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by January 27, 2023, (which coincides with 21 calendar days from the date of this letter). The written response should include: the dates the violations occurred; an explanation of the causes and duration of the violations; whether the violations are ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violations and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

Please submit the written response to EGLE, AQD, Warren District, at 27700 Donald Court, Warren, Michigan 48092 and submit a copy to Jenine Camilleri, Enforcement Unit Supervisor at EGLE, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

If Southern Michigan Cremation Services R.O. Inc. believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violations cited above and for the cooperation that was extended to me during my inspection of Southern Michigan Cremation Services R.O. Inc. If you have any questions regarding the violations or the

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actions necessary to bring this facility into compliance, please contact Adam Bognar at 586-854-1517 or bognara1@michigan.gov or Joyce Zhu, District Supervisor, at 586-606-2572 or zhuj@michigan.gov

Sincerely,



Robert Elmouchi
Senior Environmental Quality Analyst
Air Quality Division
586-854-3244

cc: Annette Switzer, EGLE
Christopher Ethridge, EGLE
Brad Myott, EGLE
Jenine Camilleri, EGLE
Joyce Zhu, EGLE
Adam Bognar, EGLE