



GRETCHEN WHITMER  
GOVERNOR

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



PHILLIP D. ROOS  
DIRECTOR

October 11, 2023

Justin Bukovick, Manufacturing Engineer  
Allied Motion Owosso  
201 South Delaney Road  
Owosso, Michigan 48867

SRN: H2781, Shiawassee County

Dear Justin Bukovick:

**VIOLATION NOTICE**

On August 23, 2023, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), conducted an inspection of Allied Motion Owosso (Allied Motion) located at 201 South Delaney Road, Owosso, Michigan. The purpose of this inspection was to determine Allied Motion'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 552-81C.

During the inspection, staff observed the following:

Process Description	Rule/Permit Condition Violated	Comments
Batch vapor degreaser using trichloroethylene (TCE)	PTI 552-81C, Special Condition (SC) 1.4	Not all provisions of 40 CFR Part 63, Subpart T were being met as required by the PTI.
Batch vapor degreaser using TCE	40 CFR Part 63, Section 63.466(d)	Wind speed was not being measured to determine and record reduced room draft for the degreaser.
Batch vapor degreaser using TCE	40 CFR Part 63, Section 63.463(e)(2)(ii)(A).	Not ensuring that the flow of air across the top of the freeboard area, or within the degreaser was below the wind speed limit of Subpart T.
Batch vapor degreaser using TCE	Section 63.466(a)(1).	The last date that the freeboard refrigeration device temperature was recorded was March 2, 2023.

This process is also subject to the federal National Emission Standards for Halogenated Solvent Cleaning. These standards are found in 40 CFR Part 63, Subpart T. PTI 552-81C, EUDEGREASER, Special Condition 1.4 requires that the permittee shall comply with all provisions of the National Emission Standards for Hazardous Air Pollutants as specified in 40 CFR Part 63, Subparts A and T, as they apply to the degreaser. As identified during the inspection on August 23, 2023, not all provisions of Subpart T were met. Please see below for further details.

Indoor wind speed was not regularly measured by Allied Motion to determine and record reduced room draft for degreaser, in violation of Section 63.466(d) of Subpart T.

Because Allied Motion was not recording indoor wind speed measurements, they were not ensuring that the flow or movement of air across the top of the freeboard area of the solvent cleaning machine, or within the solvent cleaning machine enclosure does not exceed 15.2 meters per minute (50 feet per minute) at any time as measured using the procedures in Subpart T, Section 63.466(d), this violated Section 63.463(e)(2)(ii)(A).

From recordkeeping posted by the degreaser, the last date that the degreaser freeboard temperature was recorded appeared to be March 2, 2023, despite being operated as recently as July 2023, in violation of Section 63.466(a)(1) of Subpart T, which requires weekly recordkeeping.

Additionally, it was not confirmed, but it was believed that the degreaser does not have a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser. This is required by Section 63.463(a)(5) of Subpart T. Please verify if there is the required vapor level control device and include that and any corrective actions in your response to this letter.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by November 1, 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 Daniel McGeen at EGLE, AQD, Lansing District, at Constitution Hall, P.O. Box 30242, First Floor South, Lansing, Michigan 48909 or mcgeend@michigan.gov and submit a copy to Jenine Camilleri, Enforcement Unit Supervisor at EGLE, AQD, P.O. Box 30260, Lansing, Michigan 48909-7760.

Justin Bukovick  
Allied Motion Owosso  
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If Allied Motion 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 Allied Motion. If you have any questions regarding the violations or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,



Daniel A. McGeen  
Environmental Quality Analyst  
Air Quality Division  
517-648-7547

cc: Annette Switzer, EGLE  
Christopher Ethridge, EGLE  
Brad Myott, EGLE  
Jenine Camilleri, EGLE  
Robert Byrnes, EGLE