

Iowa Department of Natural Resources

Draft Title V Operating Permit Fact Sheet

This document has been prepared to fulfill the public participation requirements of 40 CFR Part 70 and 567 Iowa Administrative Code (IAC) 24.107(6). 40 CFR Part 70 contains operating permit regulations pursuant to Title V of the Clean Air Act.

The Iowa Department of Natural Resources (DNR) finds that:

1. Glen-Gery Corporation – Adel, located at 1831 W Main Street, Adel, Iowa 50003 has applied for a Title V Operating Permit. The designated responsible official of this facility is John Vrobel.
2. Glen-Gery Corporation – Adel is a brick and structural clay tile facility. This facility consists of 16 emission units and 22 insignificant units with potential emissions of:

Pollutant	Abbreviation	Potential Emissions (Tons per Year)
Particulate Matter ($\leq 2.5 \mu\text{m}$)	PM _{2.5}	19.00
Particulate Matter ($\leq 10 \mu\text{m}$)	PM ₁₀	39.20
Particulate Matter	PM	152.45
Sulfur Dioxide	SO ₂	73.74
Nitrogen Oxides	NO _x	54.22
Volatile Organic Compounds	VOC	6.52
Carbon Monoxide	CO	181.65
Lead	Lead	0.02
Hazardous Air Pollutants ⁽¹⁾	HAP	18.57

⁽¹⁾ May include the following: Hydrogen Fluoride, Hydrochloric Acid, Benzene, Toluene, Phenol, Bis(2-Ethylhexyl) Phthalate, Chlorine, Chloromethane, Chloroethane

3. Glen -Gery Corporation – Adel submitted a Title V Operating Permit application on April 12, 2024. Based on the information provided in these documents, DNR has made an initial determination that the facility meets all the applicable criteria for the issuance of an operating permit specified in 567 IAC 24.107.
4. DNR has complied with the procedures set forth in 567 IAC 24.107, including those regarding public notice, opportunity for public hearing, and notification of EPA and surrounding state and local air pollution programs.

DNR procedures for reaching a final decision on the draft permit:

1. The public comment period for the draft permit will run from May 22, 2025 through June 21, 2025. During the public comment period, anyone may submit written comments on the permit. Mail signed comments to Taylor Dailey at the DNR address shown below. The beginning date of this public comment period also serves as the beginning of the U.S. Environmental Protection Agency's (EPA) 45-day review period, provided the EPA does not seek a separate review period.
2. Written requests for a public hearing concerning the permit may also be submitted during the comment period. Any hearing request must state the person's interest in the subject matter, and the nature of the issues proposed to be raised at the hearing. DNR will hold a public hearing upon finding, on the basis of requests, a significant degree of relevant public interest in a draft permit. Mail hearing requests to Taylor Dailey at the DNR address shown below.
3. DNR will keep a record of the issues raised during the public participation process, and will prepare written responses to all comments received. The comments and responses will be compiled into a responsiveness summary document. After the close of the public comment period, DNR will make a final decision on the permit application. The responsiveness summary and the final permit will be available to the public upon request.

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DNR concludes that:

1. DNR has authority under 455B.133 Code of Iowa to promulgate rules contained in 567 IAC Chapters 21-33, including, but not limited to, rules containing emission limits, providing for compliance schedules, compliance determination methods and issuance of permits.
2. DNR has the authority to issue operating permits for air contaminant sources and to include conditions in such permits under 455B.134 Code of Iowa.
3. The emission limits included in this permit are authorized by 455B.133 Code of Iowa and 567 IAC Chapters 21-33.
4. DNR is required to comply with 567 IAC Chapter 24 in conjunction with issuing a Title V Operating Permit.
5. The issuance of this permit does not preclude the DNR from pursuing enforcement action for any violation.

Title V Application Review Notes

Applicant:	Glen-Gery Corporation - Adel
SIC Code:	3251 (Brick and structural clay tile)
City:	Adel
County:	Dallas County - #5 Des Moines
EIQ#:	92-4678
Facility#:	25-02-001
Permit #:	
Reviewer:	Taylor Dailey
Date:	5/2025

Facility Identification

Facility Name:	Glen-Gery Corporation - Adel
Facility Location:	1831 W Main Street
Responsible Official:	John Vrobel
Phone:	(484) 335-2339

Background

The third Part 70 Title V Operating Permit initial application for Glen-Gery Corporation – Adel was received on April 12, 2024. The facility is a brick and structural clay tile facility (SIC 3251).

Regulatory Status

Glen Gery Corporation is a major source for Title V. See Table 1 below for major source by pollutant.

Table 1
Title V Major Source by Pollutant

Pollutant	Major for Title V?
PM ₁₀	<input type="checkbox"/>
SO ₂	<input type="checkbox"/>
NO _x	<input type="checkbox"/>
VOC	<input type="checkbox"/>
CO	<input checked="" type="checkbox"/>
Lead	<input type="checkbox"/>
Individual HAP	<input type="checkbox"/>
Total HAPs	<input type="checkbox"/>

HAPs emitted at this facility may include the following: Hydrogen Fluoride, Hydrochloric Acid, Benzene, Toluene, Phenol, Bis(2-Ethylhexyl) Phthalate, Chlorine, Chloromethane, Chloroethane

Program Applicability

1. PSD: NO
 2. Part 60 NSPS: YES. EP 14 (EU-14) Conveyor is subject to 40 CFR Part 60 Subpart OOO, Nonmetallic Mineral Processing Plants.. However, the only applicable requirements are related to opacity and its measurement, following the procedures outlined in 40 CFR 60.11, NSPS Subpart A.
 3. Part 61 NESHAP: NO
 4. Part 63 NESHAP: NO
- Major Source of HAPs: NO
 - CSAPR: NO
 - Acid Rain: NO. The facility does not generate electricity for wholesale or retail sale and does not own or operate one of the Phase I or Phase II units listed in 40 CFR 73.10.
 - Stratospheric Ozone Protection: NO
 - Prevention of Accidental Releases: NO
 - CAM: NO since this is an initial Title V permit
 - Agency O&M Plans: YES. EP-9 (EU-9) and EP-15 (EU-15)
 - NAAQS: Facility is located in an attainment area.
 - 112(r) Plan: NO

Potential and Actual Emissions

Potential and actual emissions are listed in Table 2.

Table 2
Potential Emissions

Pollutant	Potential Emissions (tons/yr)
PM _{2.5}	19.00
PM ₁₀	39.20
PM	152.45
SO ₂	73.74
NO _x	54.22
VOC	6.52
CO	181.65
Lead	0.02
Total HAP	18.57

Compliance Status

The facility is currently in compliance.

Compliance plans for EP-9 and EP-10 that may still be temporarily shut down. Refer to Appendix C in the permit for more information.

Periodic Monitoring

Periodic monitoring requirements were evaluated based on the Department's Periodic Monitoring Guidance (PMG) document, and Compliance Assurance Monitoring (CAM) requirements were evaluated based on the Department's CAM Spreadsheet. Agency O&M Plans are in place for EP-9 (EU-9) and EP-15 (EU15).

Notable Emission Point Information

- EP-9
 - Temporarily Shut down
 - Testing is required every 5 years
 - Requires a Compliance Plan
 - Agency O&M Plan
- EP-10
 - Temporarily Shut down
 - Testing is required every 5 years
 - Requires a Compliance Plan
- EP-14
 - NSPS 40 CFR 60 Subpart OOO, for opacity only
 - Closed conveyor, fugitive source
- EP-15
 - Testing required every 5 years
 - Agency O&M Plan
- EP-16
 - Testing required every 5 years