

DEPARTMENT OF ENVIRONMENTAL CONSERVATION
AIR QUALITY CONTROL MINOR PERMIT

Minor Permit: AQ0982MSS10 Revision 1
Revises Permit: AQ0982MSS10

Preliminary Date – August 14, 2024

The Alaska Department of Environmental Conservation (Department), under the authority of AS 46.14 and 18 AAC 50, issues Air Quality Control Minor Permit AQ0982MSS10 Revision 1 to the Permittee listed below.

Permittee: **Furie Operating Alaska, LLC**
433 W. 9th Avenue
Anchorage, AK 99501

Stationary Source: **Kitchen Lights Unit**

Location:

ADL 389928	ADL 389927	ADL 390381	ADL 389930	ADL 389929
ADL 389514	ADL 389513	ADL 390374	ADL 389197	ADL 389196
ADL 390554	ADL 389198	ADL 389515	ADL 389189	ADL 389924
ADL 389507	ADL 389923	ADL 391106	ADL 389191	ADL 389190
ADL 389925	ADL 389926	ADL 390548	ADL 389193	ADL 389192
ADL 389918	ADL 389917	ADL 389915	ADL 389914	ADL 389919

Project: Modification of nonroad engine tracking in AQ0982MSS10

Permit Contact: Mark Slaughter, CCO
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This project is classified under 18 AAC 50.508(6) for revising and rescinding the terms and conditions of Air Quality Minor Permit AQ0982MSS10.

This permit satisfies the obligation of the Permittee to obtain a minor permit under 18 AAC 50. As required by AS 46.14.120(c), the Permittee shall comply with the terms and conditions of this permit.

James R. Plosay, Manager
Air Permits Program

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Abbreviations and Acronyms

AAAQS	Alaska Ambient Air Quality Standards	MR&R.....	monitoring, recordkeeping, and reporting
AAC.....	Alaska Administrative Code	NESHAPs.....	National Emission Standards for Hazardous Air Pollutants [as contained in 40 C.F.R. 61 and 63]
ADEC	Alaska Department of Environmental Conservation	NO _x	nitrogen oxides
ADL.....	Alaska Division of Lands Number	NRE.....	nonroad engine
AOS.....	Air Online Services	NSPS	New Source Performance Standards [as contained in 40 C.F.R. 60]
AS.....	Alaska Statutes	O & M	operation and maintenance
ASTM.....	American Society for Testing and Materials	O ₂	oxygen
BACT	best available control technology	PAL	plantwide applicability limitation
bhp	brake horsepower	PM ₁₀	particulate matter less than or equal to a nominal 10 microns in diameter
CDX.....	Central Data Exchange	PM _{2.5}	particulate matter less than or equal to a nominal 2.5 microns in diameter
CEDRI	Compliance and Emissions Data Reporting Interface	ppm	parts per million
C.F.R.	Code of Federal Regulations	ppmv, ppmvd.....	parts per million by volume on a dry basis
CAA.....	Clean Air Act	psia	pounds per square inch (absolute)
CO	carbon monoxide	PSD	prevention of significant deterioration
Department	Alaska Department of Environmental Conservation	PTE.....	potential to emit
dscf.....	dry standard cubic foot	SIC.....	Standard Industrial Classification
EPA	US Environmental Protection Agency	SIP	State Implementation Plan
EU.....	emissions unit	SPC.....	Standard Permit Condition or Standard Operating Permit Condition
gr/dscf.....	grain per dry standard cubic foot (1 pound = 7000 grains)	SO ₂	sulfur dioxide
gph.....	gallons per hour	The Act.....	Clean Air Act
HAPs	hazardous air pollutants [as defined in AS 46.14.990]	TPH	tons per hour
hp.....	horsepower	TPY	tons per year
ID.....	emissions unit identification number	VOC	volatile organic compound [as defined in 40 C.F.R. 51.100(s)]
kPa.....	kiloPascals	VOL.....	volatile organic liquid [as defined in 40 C.F.R. 60.111b, Subpart Kb]
kWe	Kilowatt-electric	vol%	volume percent
KLU.....	Kitchen Lights Unit	wt%	weight percent
lb/kW-hr	pounds per kilowatt-hour.	wt% _{fuel}	weight percent of sulfur in fuel
LAER.....	lowest achievable emission rate		
MACT	maximum achievable control technology [as defined in 40 C.F.R. 63]		
MMBtu/hr.....	million British thermal units per hour		
MMscf.....	million standard cubic feet		

Section 1. Emissions Unit Inventory

Emissions Unit (EU) Authorization. The Permittee is authorized to operate the Drill Rig 151 (formerly known as the Spartan 151 Drill Rig) and associated equipment within the lease locations identified on the cover page of this permit and in accordance with the terms and conditions of this permit. The Drill Rig 151 and associated equipment may consist of the EUs listed in Table 1. Unless noted elsewhere in this permit, the information in Table 1 is for identification purposes only. The specific EU descriptions do not restrict the Permittee from replacing an EU identified in Table 1.

Table 1 – Drill Rig 151 and Associated Emissions Units²

EU ID	Description	Make/Model	Rating/Capacity	Fuel	NRE Status ¹
Combustion Units					
57	Rig Engine #1 ^{3a,3b,3c}	Caterpillar D-399	970 bhp	Diesel	Yes
58	Rig Engine #2 ^{3a,3b,3c}	Caterpillar D-399	970 bhp	Diesel	Yes
59	Rig Engine #3 ^{3a,3b,3c}	Caterpillar D-398	970 bhp	Diesel	Yes
60	Rig Engine #4 ^{3a}	Caterpillar D-398	970 bhp	Diesel	Yes
61	Rig Engine #5 (Emergency Generator)	Caterpillar D-398	970 bhp	Diesel	Yes
62	Rig Engine #6 ^{3a,3b,3c}	Caterpillar D-398	1,100 bhp	Diesel	Yes
63	Rig Engine #7 ^{3a,3b,3c}	Caterpillar D-398	1,100 bhp	Diesel	Yes
64	STBD Crane Engine ^{3a,3b,3c}	Caterpillar D-3306	300 bhp	Diesel	Yes
65	PORT Crane Engine ^{3a,3b,3c}	Detroit Diesel 671	285 bhp	Diesel	Yes
66	Temporary Well Testing Flare	TBD	25 MMscf/day	Fuel Gas	No
Temporary Well Servicing and Testing Equipment					
67	Stimulation (Frac) Pump 1	TBD	2,250 bhp	Diesel	Yes
68	Stimulation (Frac) Pump 2	TBD	2,250 bhp	Diesel	Yes
69	Stimulation (Frac) Pump 3	TBD	2,250 bhp	Diesel	Yes
70	CTU-1 Power Pack	TBD	360 bhp	Diesel	Yes
71	CT N2 Pump Skid	TBD	255 bhp	Diesel	Yes
72	CT Pump Skid	TBD	360 bhp	Diesel	Yes
73	Well Test Equipment Boilers/Heaters	TBD	5 MMBtu/hr	Diesel	No
74	Well Test Engine(s)	TBD	1,760 bhp	Diesel	Yes
75	Cement Pump 1 ^{3b}	Detroit Diesel 8V671	490 bhp	Diesel	Yes
76	Cement Pump 2 ^{3b}	Detroit Diesel 8V671	490 bhp	Diesel	Yes

EU ID	Description	Make/ Model	Rating/ Capacity	Fuel	NRE Status¹
80	Cement Pump 3 ^{3b}	Detroit Diesel 3-71	113 bhp	Diesel	Yes
<i>Storage Tanks</i>					
77	Diesel Fuel Storage Tank #10	NA	32,943 gallons	NA	NA
	Diesel Fuel Storage Tank #11	NA	646 gallons	NA	NA
	Diesel Fuel Storage Tank #12	NA	28,663 gallons	NA	NA
	Diesel Fuel Storage Tank #13	NA	3,305 gallons	NA	NA
<i>Emergency Escape</i>					
78	Lifeboat 1 Engine ^{3a}	Behi 65 Man	36 bhp	Diesel	Yes
79	Lifeboat 2 Engine ^{3a}	Behi 65 Man	36 bhp	Diesel	Yes
<i>Other Third-Party Engines</i>					
81	E-Line Unit ^{3c}	TBD	150 bhp	Diesel	Yes
82	Coil Unit ^{3c}	TBD	150 bhp	Diesel	Yes
83	Power Tongs ^{3c}	TBD	150 bhp	Diesel	Yes
84	Other 3 rd Party ^{3c}	TBD	150 bhp	Diesel	Yes

Notes:

1. EUs classified as nonroad engines (NREs) must meet the definition of NRE at 40 C.F.R. 1068.30.
 2. Table 1 (in its entirety) rescinds and replaces Table 1 of Minor Permit No. AQ0982MSS10.
 3. The following EUs are operated during the following:
 - a. Drilling (cumulative NRE rating of 6,737 bhp)
 - b. Cementing (cumulative NRE rating of 6,788 bhp)
 - c. Support (cumulative NRE rating of 5,995 bhp, assumes up to two third-party engines of 150 bhp each in operation)
1. The Permittee shall comply with all applicable provisions of AS 46.14 and 18 AAC 50 when installing a replacement EU, including any applicable minor or construction permit requirements.

Section 2. Fee Requirements

2. Conditions 4 through 6 of Minor Permit AQ0982MSS10 are rescinded and replaced by Conditions 3 through 5 of Minor Permit AQ0982MSS10 Revision 1.
3. **Administration Fees.** The Permittee shall pay to the Department all assessed permit fees. Fee rates are set out in 18 AAC 50.400 – 499.
4. **Assessable Emissions.** For each period from July 1 through the following June 30, the Permittee shall pay to the Department annual emission fees based on the stationary source's assessable emissions as determined by the Department under 18 AAC 50.410. The Department will assess fees per ton of each air pollutant that the stationary source emits or has the potential to emit. The quantity for which fees will be assessed is the lesser of the stationary source's
 - 4.1 potential to emit of 186.74 TPY; or
 - 4.2 projected annual rate of emissions, in TPY, based upon actual annual emissions for the most recent calendar year, or another 12-month period approved in writing by the Department, when demonstrated by credible evidence of actual emissions, based upon the most representative information available from one or more of the following methods:
 - a. an enforceable test method described in 18 AAC 50.220;
 - b. material balance calculations;
 - c. emission factors from EPA's publication AP-42, Vol. I, adopted by reference in 18 AAC 50.035; or
 - d. other methods and calculations approved by the Department, including appropriate vendor-provided emissions factors when sufficient documentation is provided.
5. **Assessable Emission Estimates.** The Permittee shall comply as follows:
 - 5.1 No later than March 31 of each year, the Permittee may submit an estimate of the stationary source's assessable emissions as determined in Condition 4.2. Submit actual emissions estimates in accordance with the submission instructions on the Department's Standard Permit Conditions web page at <http://dec.alaska.gov/air/air-permit/standard-conditions/standard-condition-i-submission-instructions/>.
 - 5.2 The Permittee shall include with the assessable emissions report all of the assumptions and calculations used to estimate the assessable emissions in sufficient detail so the Department can verify the estimates.
 - 5.3 If no estimate or waiver letter is submitted on or before March 31 of each year, emission fees for the next fiscal year will be based on the potential to emit set out in Condition 4.1.

Section 3. Revisions to Previous Permit Actions

6. Conditions 8 and 9 of Minor Permit AQ0982MSS10 are revised by adding the following subconditions under each of the conditions, respectively:
 - 6.1 For each boiler/heater included as EU ID 73, certify in each operating report required under Condition 15, compliance with the visible emissions standard based on reasonable inquiry.
 - 6.2 For each boiler/heater included as EU ID 73, certify in each operating report required under Condition 15, compliance with the PM standard based on reasonable inquiry.
7. Condition 11 (in its entirety) of Minor Permit AQ0982MSS10 is rescinded and replaced by Condition 8 of Minor Permit AQ0982MSS10 Revision 1.
8. To protect the annual NO₂; the 1-hour, 3-hour, and 24-hour and annual SO₂; the 24-hour PM₁₀; and the annual PM_{2.5} Alaska Ambient Air Quality Standards (AAAQS), the Permittee shall operate the equipment identified in Table 1 as described below:
 - 8.1 **Cumulative Nonroad Engine (NRE) Limit.**¹ The NREs may be similar to or smaller than the equipment identified in Table 1. The cumulative NRE rating shall not exceed 7,635 operating brake horsepower (bhp) except during startup, shutdown, and maintenance activities for periods not to exceed one hour per calendar day. Monitor, record, and report as follows:
 - a. Maintain a NRE log onsite and have it available for inspection upon request. For each NRE at the stationary source, record in the log the following:
 - (i) During drilling, testing/casing, or cementing operations, record
 - (A) the type of operation;
 - (B) the start time and date of the operations; and
 - (C) the stop time and date of the operations.
 - (ii) During other operations (not including drilling, testing/casing or cementing), record
 - (A) the make, model, serial number, and rated capacity (bhp); and
 - (B) dates and times of arrival, startup, shutdown, maintenance, and removal of the NRE.
 - b. Calculate and determine the highest total combined NREs' rate capacity by summing the rated capacity of each NRE at the stationary source for each time a new NRE is added or removed.

¹ Nonroad engines as defined in 40 C.F.R. 1068.30.

- c. Include in each operating report under Condition 15, a list of all NREs that operated during the reporting period, and corresponding operating data recorded in accordance with Conditions 8.1a and 8.1b.
- d. Report in accordance with Condition 14 whenever the cumulative NRE rating exceeds the limit specified in Condition 8 as determined by a calculation under Condition 8.1b, or the requirements of Conditions 8.1a through 8.1c are not met.

Section 4. Recordkeeping, Reporting, and Certification Requirements

9. Section 6 (Recordkeeping, Reporting, and Certification Requirements) of Minor Permit AQ0982MSS10 is rescinded (in its entirety) and replaced by Section 4 of Minor Permit AQ0982MSS10 Revision 1.
10. **Recordkeeping Requirements.** The Permittee shall keep all records required by this permit for at least five-years after the date of collection, including:
- 10.1 copies of all reports and certifications submitted pursuant to this section of the permit; and
 - 10.2 records of all monitoring required by this permit, and information about the monitoring including:
 - a. the date, place, and time of sampling or measurements;
 - b. the date(s) analyses were performed;
 - c. the company or entity that performed the sampling and analyses;
 - d. the analytical techniques or methods used in the analyses;
 - e. the results of the analyses; and
 - f. the operating conditions that existed at the time of sampling or measurement
11. **Certification.** The Permittee shall certify any permit application, report, affirmation, or compliance certification submitted to the Department and required under the permit by including the signature of a responsible official for the permitted stationary source following the statement: *“Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.”* Excess emissions reports must be certified either upon submittal or with an operating report required for the same reporting period. All other reports and other documents must be certified upon submittal.
- 11.1 The Department may accept an electronic signature on an electronic application or other electronic record required by the Department if the person providing the electronic signature
- a. uses a security procedure, as defined in AS 09.80.190, that the Department has approved; and
 - b. accepts or agrees to be bound by an electronic record executed or adopted with that signature.
12. **Submittals.** Unless otherwise directed by the Department or this permit, the Permittee shall submit to the Department one certified copy of reports, compliance certifications, and/or other submittals required by this permit. The Permittee may submit the documents electronically or by hard copy.

12.1 Submit the certified copy of reports, compliance certifications, and/or other submittals in accordance with the submission instructions on the Department's Standard Permit Conditions web page at <http://dec.alaska.gov/air/air-permit/standard-conditions/standard-condition-xvii-submission-instructions/>.

13. Information Requests. The Permittee shall furnish to the Department, within a reasonable time, any information the Department requests in writing to determine whether cause exists to modify, revoke, reissue, or terminate the permit or to determine compliance with the permit. Upon request, the Permittee shall furnish to the Department copies of records required to be kept by the permit. The Department may require the Permittee to furnish copies of those records directly to the federal administrator.

14. Excess Emissions and Permit Deviation Reports. The Permittee shall report excess emissions and permit deviations as follows:

14.1 Excess Emissions Reporting. Except as provided in Condition 17, the Permittee shall report all emissions or operations that exceed emissions standards or limits of this permit as follows:

- a. In accordance with 18 AAC 50.240(c), as soon as possible after the event commenced or is discovered, report
 - (i) excess emissions that present a potential threat to human health or safety; and
 - (ii) excess emissions that the Permittee believes to be unavoidable.
- b. In accordance with 18 AAC 50.235(a), within two working days after the event commenced or was discovered, report an unavoidable emergency, malfunction, or nonroutine repair that causes emissions in excess of a technology-based emissions standard.
- c. If a continuous or recurring excess emissions is not corrected within 48 hours of discovery, report within 72 hours of discovery unless the Department provides written permission to report under Condition 14.1d.
- d. Report all other excess emissions not described in Conditions 14.1a, 14.1b, and 14.1c within 30 days after the end of the month during which the excess emissions occurred or as part of the next routine operating report in Condition 15 for excess emissions that occurred during the period covered by the report, whichever is sooner.
- e. If requested by the Department, the Permittee shall provide a more detailed written report to follow up on an excess emissions report.

14.2 Permit Deviations Reporting. For permit deviations that are not "excess emissions," as defined under 18 AAC 50.990:

- a. Report all other permit deviations within 30 days after the end of the month during which the deviation occurred or as part of the next routine operating

report in Condition 15 for permit deviations that occurred during the period covered by the report, whichever is sooner.

14.3 Reporting Instructions. When reporting either excess emissions or permit deviations, the Permittee shall report using the Department's online form for all such submittals, beginning no later than September 7, 2023. The form can be found at the Division of Air Quality's Air Online Services (AOS) system webpage <http://dec.alaska.gov/applications/air/airtoolsweb> using the Permittee Portal option. Alternatively, upon written Department approval, the Permittee may submit the form contained in Section 7 of this permit. The Permittee must provide all information called for by the form that is used. Submit the report in accordance with the submission instructions on the Department's Standard Permit Conditions webpage found at <http://dec.alaska.gov/air/air-permit/standard-conditions/standard-conditions-iii-and-iv-submission-instructions/>.

15. Operating Reports. During the life of this permit², the Permittee shall submit to the Department an operating report in accordance with Conditions 11 and 12 by August 1 for the period January 1 to June 30 of the current year and by February 1 for the period July 1 to December 31 of the previous year.

15.1 The operating report must include all information required to be in operating reports by other conditions of this permit, for the period covered by the report.

15.2 When excess emissions or permit deviations that occurred during the reporting period are not included with the operating report under Condition 15.1, the Permittee shall identify

- a. the date of the excess emissions or permit deviation;
- b. the equipment involved;
- c. the permit condition affected;
- d. a description of the excess emissions or permit deviation; and
- e. any corrective action or preventive measures taken and the date(s) of such actions; or

15.3 when excess emissions or permit deviation reports have already been reported under Condition 14 during the period covered by the operating report, the Permittee shall either

- a. include a copy of those excess emissions or permit deviation reports with the operating report; or
- b. cite the date(s) of those reports.

² *Life of this permit* is defined as the permit effective dates, including any periods of reporting obligations that extend beyond the permit effective dates. For example, if a permit expires prior to the end of a calendar year, there is still a reporting obligation to provide operating reports for the periods when the permit was in effect.

16. Annual Affirmation. The Permittee shall submit to the Department by March 31 of each year an affirmation certified according to Condition 11 of whether the stationary source is still accurately described by the application and this permit, and whether any changes have been made to the stationary source that would trigger the requirement for a new permit under 18 AAC 50.

17. Air Pollution Prohibited. No person may permit any emission which is injurious to human health or welfare, animal or plant life, or property, or which would unreasonably interfere with the enjoyment of life or property.

17.1 Monitoring. The Permittee shall monitor as follows:

- a. As soon as practicable after becoming aware of a complaint that is attributable to emissions from the stationary source, the Permittee shall investigate the complaint to identify emissions that the Permittee believes have caused or are causing a violation of Condition 17.
- b. The Permittee shall initiate and complete corrective action necessary to eliminate any violation identified by a complaint or investigation as soon as practicable if
 - (i) after an investigation because of a complaint or other reason, the Permittee believes that emissions from the stationary source have caused or are causing a violation of Condition 17; or
 - (ii) the Department notifies the Permittee that it has found a violation of Condition 17.

17.2 Recordkeeping. The Permittee shall keep records of

- a. the date, time, and nature of all emissions complaints received;
- b. the name of the person or persons that complained, if known;
- c. a summary of any investigation, including reasons the Permittee does or does not believe the emissions have caused a violation of Condition 17; and
- d. any corrective actions taken or planned for complaints attributable to emissions from the stationary source.

17.3 Reporting. The Permittee shall report as follows:

- a. With each stationary source operating report under Condition 15, the Permittee shall include a brief summary report which must include the following for the period covered by the report:
 - (i) the number of complaints received;
 - (ii) the number of times the Permittee or the Department found corrective action necessary;

- (iii) the number of times action was taken on a complaint within 24 hours; and
- (iv) the status of corrective actions the Permittee or Department found necessary that were not taken within 24 hours.

b. The Permittee shall notify the Department of a complaint that is attributable to emissions from the stationary source within 24 hours after receiving the complaint, unless the Permittee has initiated corrective action within 24 hours of receiving the complaint.

c. If emissions present a potential threat to human health or safety, the Permittee shall report any such emissions according to Condition 14.

18. Triennial Emission Inventory Reporting. Every third year by April 30, the Permittee shall submit to the Department reports of actual emissions for the previous calendar year, by emissions unit, of CO, NH₃, NO_x, PM₁₀, PM_{2.5}, SO₂, VOC and lead (Pb) and lead compounds, as follows:

18.1 For reporting under Condition 18, the Permittee shall report the annual emissions and the required data elements under Condition 18.2 every third year for the previous calendar year as scheduled by the EPA.³

18.2 For each emissions unit and the stationary source, include in the report the required data elements⁴ contained within the form included in the Emission Inventory Instructions available at the Department's AOS system on the Point Source Emission Inventory webpage at <http://dec.alaska.gov/Applications/Air/airtoolsweb/PointSourceEmissionInventory>.

18.3 Submit the report in accordance with the submission instructions on the Department's Standard Permit Conditions webpage at <http://dec.alaska.gov/air/air-permit/standard-conditions/standard-conditions-xv-and-xvi-submission-instructions/>.

19. Consistency of Reporting Methodologies. Regardless of permit classification, as of September 7, 2022, all stationary sources operating in the state shall report actual emissions to the Department, either upon request or to meet individual permit requirements, in order for the state to meet federal reporting requirements under 40 C.F.R. Part 51, Subpart A.

19.1 For the purposes of reporting actual or assessable emissions required under Condition 18 and Condition 4.2, the Permittee shall use consistent pollutant-specific emission factors and calculation methods for all reporting requirements for the stationary source.

³ The calendar years for which reports are required are based on the triennial reporting schedule in 40 C.F.R. 51.30(b)(1), which requires states to report emissions data to the EPA for inventory years 2011, 2014, 2017, 2020, and every 3rd year thereafter. Therefore, the Department requires Permittees to report emissions data for the same inventory years by April 30 of the following year (e.g., triennial emission inventory report for 2020 is due April 30, 2021, triennial emission inventory report for 2023 is due April 30, 2024, etc.).

⁴ The required data elements to be reported to the EPA are outlined in 40 C.F.R. 51.15 and Tables 2a and 2b to Appendix A of 40 C.F.R. 51 Subpart A.

Section 5. Standard Permit Conditions

20. The Permittee must comply with each permit term and condition. Noncompliance with a permit term or condition constitutes a violation of AS 46.14, 18 AAC 50, and, except for those terms or conditions designated in the permit as not federally enforceable, the Clean Air Act, and is grounds for
 - 20.1 an enforcement action; or
 - 20.2 permit termination, revocation and reissuance, or modification in accordance with AS 46.14.280.
21. It is not a defense in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with a permit term or condition.
22. Each permit term and condition is independent of the permit as a whole and remains valid regardless of a challenge to any other part of the permit.
23. The permit may be modified, reopened, revoked and reissued, or terminated for cause. A request by the Permittee for modification, revocation and reissuance, or termination or a notification of planned changes or anticipated noncompliance does not stay any permit condition.
24. The permit does not convey any property rights of any sort, nor any exclusive privilege.
25. The Permittee shall allow the Department or an inspector authorized by the Department, upon presentation of credentials and at reasonable times with the consent of the owner or operator to
 - 25.1 enter upon the premises where an emissions unit subject to this permit is located or where records required by the permit are kept;
 - 25.2 have access to and copy any records required by this permit;
 - 25.3 inspect any stationary source, equipment, practices, or operations regulated by or referenced in the permit; and
 - 25.4 sample or monitor substances or parameters to assure compliance with the permit or other applicable requirements.

Section 6. *Permit Documentation*

<u>Date</u>	<u>Document Details</u>
June 6, 2024	Application Received
July 26, 2024	Pre-PN draft sent to Permittee for review.
August 9, 2024	Pre-PN draft feedback received from applicant.
August 14, 2024	Pre-PN draft sent for public notice.

Section 7. Notification Form⁵

Kitchen Lights Unit
Stationary Source Name
Furie Operating Alaska, LLC
Company Name

AQ0982MSS10 Revision 1
Air Quality Permit Number

When did you discover the Excess Emissions/Permit Deviation?

Date: ____ / ____ / ____ Time: ____ : ____

When did the event/deviation occur?

Begin: Date: ____ / ____ / ____ Time: ____ : ____ (please use 24-hr clock)

End: Date: ____ / ____ / ____ Time: ____ : ____ (please use 24-hr clock)

What was the duration of the event/deviation? ____ : ____ (hrs:min) or ____ days

(total # of hrs, min, or days, if intermittent then include only the duration of the actual emissions/deviation)

Reason for Notification (Please check only 1 box and go to the corresponding section.):

Excess Emissions - Complete Section 1 and Certify

Note: All "excess emissions" are also "permit deviations." However, use only Section 1 for events that involve excess emissions.

Deviation from Permit Conditions - Complete Section 2 and Certify

Note: Use only Section 2 for permit deviations that do not involve excess emissions.

Deviation from COBC⁶, CO⁷, or Settlement Agreement - Complete Section 2 and Certify

⁵ Revised as of July 22, 2020.

⁶ Compliance Order By Consent

⁷ Compliance Order

Section 1. Excess Emissions

(a) **Was the exceedance** Intermittent or Continuous

(b) **Cause of Event** (Check one that applies. Complete a separate form for each event, as applicable.):

- | | |
|--|--|
| <input type="checkbox"/> Start Up/Shut Down | <input type="checkbox"/> Natural Cause (weather/earthquake/flood) |
| <input type="checkbox"/> Control Equipment Failure | <input type="checkbox"/> Scheduled Maintenance/Equipment Adjustments |
| <input type="checkbox"/> Bad fuel/coal/gas | <input type="checkbox"/> Upset Condition |
| <input type="checkbox"/> Other _____ | |

(c) **Description**

Describe briefly what happened and the cause. Include the parameters/operating conditions exceeded, limits, monitoring data and exceedance. Attach supporting information if necessary.

(d) **Emissions Units (EU) Involved:**

Identify the emissions units involved in the event, using the same identification number and name as in the permit. Identify each emission standard potentially exceeded during the event and the exceedance.

EU ID	EU Name	Permit Condition Exceeded/Limit/Potential Exceedance

(e) **Type of Incident:** (Please check all that apply and provide the value requested, if any):

Opacity _____%

Venting _____(gas/scf)

Control Equipment Down

Fugitive Emissions

Emission Limit Exceeded

Marine Vessel Opacity

Flaring

Other: _____

(f) **Corrective Actions:**

Describe actions taken to restore the system to normal operation and to minimize or eliminate chances of a recurrence. Attach supporting information if necessary.

(g) **Unavoidable Emissions:**

Do you intend to assert that these excess emissions were unavoidable?

YES

NO

Do you intend to assert the affirmative defense of 18 AAC 50.235?

YES

NO

Certify Report (go to end of form)

Section 2. Permit Deviations

(a) **Permit Deviation Type:** (Check all boxes that apply per event. Complete a separate form for each event, as applicable.)

- Emissions Unit-Specific Requirements
- Stationary Source-Wide Specific Requirements
- Monitoring/Recordkeeping/Reporting Requirements
- General Source Test Requirements
- Compliance Certification Requirements
- Standard/Generally Applicable Requirements
- Insignificant Emissions Unit Requirements
- Other: _____

(b) **Emissions Units (EU) Involved:**

Identify the emissions units involved in the event, using the same identification number and name as in the permit. List the corresponding permit condition and the deviation.

EU ID	EU Name	Permit Condition /Potential Deviation

(c) **Description of Potential Deviation:**

Describe briefly what happened and the cause. Include the parameters/operating conditions and the potential deviation. Attach supporting information if necessary.

(d) Corrective Actions:

Describe actions taken to correct the deviation or potential deviation and to prevent future recurrence. Attach supporting information if necessary.

Certification:

Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.

Printed Name: _____ Title _____ Date _____

Signature: _____ Phone number _____

NOTE: *This document must be certified in accordance with 18 AAC 50.345(j). Read and sign the certification in the bottom of the form above. (See Condition 11.)*

Beginning September 7, 2023, Excess Emissions and Permit Deviations must be submitted through the AOS Permittee Portal at <http://dec.alaska.gov/applications/air/airtoolsweb/>.

This Notification Form may only be used to satisfy the reporting requirements if the Department has approved alternative reporting options in writing prior to submittal.

[18 AAC 50.346(b)(3)]