

Southern Ute Indian Tribe

Air Quality Program



Title V Operating Permit

**Southern Ute Indian Tribe
Environmental Programs Division
Air Quality Program
71 Mike Frost Way
Ignacio, Colorado 81137**



**AIR POLLUTION CONTROL
TITLE V PERMIT TO OPERATE**

In accordance with the provisions of Title V of the Clean Air Act (42 U.S.C. 7661-7661f) and Part 1, Article II of the Southern Ute Indian Tribe/State of Colorado Environmental Commission's Reservation Air Code (RAC) and applicable rules and regulations,

**SIMCOE, LLC
Iron Horse Central Delivery Point**

is authorized to operate air emission units and to conduct other air pollutant emitting activities in accordance with the conditions listed in this permit.

This source is authorized to operate at the following location:

**Southern Ute Indian Reservation
SW ¼ NW ¼, Section 7, T33N R7W
La Plata County, Colorado**

Terms not otherwise defined in this permit have the meaning assigned to them in the referenced regulations. All terms and conditions of the permit are enforceable by the Tribe and citizens under the Clean Air Act.

Danny J Powers

Daniel Powers, Air Quality Program Manager
Environmental Programs Division
Southern Ute Indian Tribe

**AIR POLLUTION CONTROL
TITLE V PERMIT TO OPERATE
SIMCOE, LLC
Iron Horse Central Delivery Point**

SUIT Account Identification Code: 2-011

Permit Number: V-SUIT-0050-2019.02

[Replaces Permit No.: V-SUIT-0050-2019.01]

Issue Date: December 30, 2020

Effective Date: December 30, 2020

Expiration Date: August 12, 2024

The SUIT account identification code and permit number cited above should be referenced in future correspondence regarding this facility.

Permit Issuance History

DATE	TYPE OF ACTION	DESCRIPTION OF ACTION	PERMIT NUMBER
October 2009	Permit Issued	Initial Part 71 Permit Issued	V-SU-0050-09.00
February 2011	Revision	Administrative Amendment	V-SU-0050-2009.01
January 31, 2014	Permit Issued	Initial Part 70 Permit Issued	V-SUIT-0050-2014.00
March 1, 2016	Revision	Minor Revision <ul style="list-style-type: none">• II.A.2 – Added condition to clarify when semi-annual reports due under 40 CFR Part 63, Subpart A should be submitted• II.L.1 – Streamlined 40 CFR Part 63, Subpart ZZZZ reporting dates to align with Tribal semi-annual monitoring reporting dates• III – Requirements for Reciprocating Compressors: Added section in order to incorporate new applicable requirements for 40 CFR Part 60, Subpart OOOO	V-SUIT-0050-2014.01
June 8, 2018	Revision	Significant Revision <ul style="list-style-type: none">• II – Removed emission unit IH1 from 40 CFR Part 63, Subpart ZZZZ requirements• II.M – Added section to incorporate 40 CFR Part 60, Subpart JJJ requirements for IH1 replacement engine	V-SUIT-0050-2014.02
August 12, 2019	Permit Issued	1 st Part 70 Renewal Permit Issued	V-SUIT-0050-2019.00
November 23, 2020	Revision	Minor Revision <ul style="list-style-type: none">• I.A. – Revised Table 1-Emission Units with IH2's new engine horsepower, serial number, and installation date.• III.2.2.1.1. – 40 CFR Part 63, Subpart ZZZZ – updated IH2's horsepower	V-SUIT-0050-2019.01
December 30, 2020	Revision	Administrative Revision <ul style="list-style-type: none">• Change of ownership from BP America Production Company to SIMCOE, LLC.	V-SUIT-0050-2019.02

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Abbreviations and Acronyms

4SLB	Four-Stroke Lean-Burn
4SRB	Four-Stroke Rich-Burn
AFS	Air Facility System database
AQP	Southern Ute Indian Tribe's Air Quality Program
bbl	Barrels
BACT	Best Available Control Technology
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CMS	Continuous Monitoring System (includes COMS, CEMS and diluent monitoring)
COMS	Continuous Opacity Monitoring System
CO	Carbon monoxide
CO ₂	Carbon dioxide
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
EPA	United States Environmental Protection Agency
gal	Gallon
GPM	Gallons per minute
H ₂ S	Hydrogen sulfide
HAP	Hazardous Air Pollutant
hr	Hour
ID	Identification Number
kg	Kilogram
lbs	Pounds
MACT	Maximum Achievable Control Technology
Mg	Megagram
MMBtu	Million British Thermal Units
MMSCFD	Million standard cubic feet per day
mo	Month
NESHAP	National Emission Standards for Hazardous Air Pollutants
NMHC	Non-methane hydrocarbons
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standard
NSR	New Source Review
pH	Negative logarithm of effective hydrogen ion concentration (acidity)
PM	Particulate Matter
PM ₁₀	Particulate matter less than 10 microns in diameter
ppbvd	Parts per billion by volume, dry
ppm	Parts per million
ppmvd	Parts per million by volume, dry
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
psi	Pounds per square inch
psia	Pounds per square inch absolute
RAC	Southern Ute Indian Tribe/State of Colorado Environmental Commission's Reservation Air Code
RICE	Reciprocating Internal Combustion Engine
RMP	Risk Management Plan
scf	Standard cubic feet
scfm	Standard cubic feet per minute
SI	Spark Ignition
SO ₂	Sulfur Dioxide
SUIT	Southern Ute Indian Tribe
tpy	Ton(s) Per Year

Tribe
US EPA
VOC

Southern Ute Indian Tribe
United States Environmental Protection Agency
Volatile Organic Compounds

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Section I – Source Information and Emission Unit Identification

1. Source Information

Owner Name:	SIMCOE, LLC
Facility Name:	Iron Horse Central Delivery Point
Facility Location:	SW ¼ NW ¼, Section 7, T33N R7W
Latitude:	37.121639° N
Longitude:	-107.65885° W
State:	Colorado
County:	La Plata
Responsible Official:	Area Manager, Midstream
SIC Code:	1311
ICIS Identification Number:	110055566123
EPA Facility Registry ID:	08-067-U0015
Other Clean Air Act Permits	None

Process Description:

The Iron Horse Central Delivery Point is a natural gas production field facility prior to the point of custody transfer. Fruitland coal bed methane wells feed into a gathering pipeline system leading to the inlet of this facility. The gas does not contain any condensate or natural gas liquids.

Upon entering the compressor station, the gas first passes through an inlet separator vessel to remove any free liquids in the gas stream by gravity. The gas then passes to a filter vessel which serves to filter out any solids such as coal dust in the gas. The gas is then compressed, dehydrated by a tri-ethylene glycol (TEG) dehydration process and finally passes through an outlet scrubber vessel which removes any TEG carryover before being metered and sent to a medium pressure pipeline.

The facility's primary pollutant-emitting sources are two natural gas-fired 4-stroke lean burn (4SLB) spark ignition (SI) reciprocating internal combustion engines (RICE) used to compress the gas and one tri-ethylene glycol dehydrator regenerator and associated flash tank vent. Engine unit IH2 is equipped with oxidation catalyst controls to comply with the associated regulatory requirement to reduce the concentration of carbon monoxide (CO) or formaldehyde (CH₂O) exhausted from the stacks.

Other pollutant-emitting sources at the facility include several heaters and tanks, which all qualify as insignificant emission units (IEUs). The facility does not extract natural gas liquids (NGLs) from field gas nor does it fractionate mixed NGLs to natural gas products. The Iron Horse Central Delivery Point does not engage in pigging operations.

2. Source Emission Points

Table 1 - Emission Units

Emission Unit ID	Description				Control Equipment
	Caterpillar G3608 (4SLB SI) Natural Gas-Fired Compressor Engine 2,520 Nameplate Rated HP				None
IH1	Serial No.	BEN/4WF00102	Install Date:	10/10/2017	
	Caterpillar G3608 (4SLB SI) Natural Gas-Fired Compressor Engine 2,370 Nameplate Rated HP				Oxidation Catalyst with AFRC
IH2	Serial No.	BEN00371	Install Date:	8/18/2020	
	Tri-Ethylene Glycol (TEG) Dehydrator Regenerator and Flash Tank Vent 50 MMscf/day				None
Dehy1	Serial No.	N/A	Install Date:	N/A	

Table 2 - Insignificant Emission Units

Emission Unit ID	Amount	Description	Size	Units
Recip1	1	Ariel JGD-4 Reciprocating Compressor – Frame Number F23233	N/A	N/A
Recip2	1	Ariel JGD-4 Reciprocating Compressor – Frame Number F24283	N/A	N/A
N/A	1	Atmospheric Drain Tank	9,744	gal
N/A	1	Produced Water Tank	300	bbl
N/A	1	Oily Water Tank	300	bbl
N/A	1	Lube Oil Storage Tank	1,500	gal
N/A	1	Used Oil Storage Tank	1,500	gal
N/A	1	Engine Coolant Storage Tank (50/50 Ethylene Glycol (EG) / Water Mix)	1,000	gal
N/A	1	Engine Coolant Storage Tank (Maintenance) (50/50 Ethylene Glycol (EG) / Water Mix)	1,000	gal
N/A	1	Triethylene Glycol (TEG) Makeup Tank	500	gal
N/A	6	Compressor Building Catalytic Heaters	48	MBtu/hr
N/A	1	Process Fugitive Emissions	N/A	N/A
N/A	2	Tank Heaters	0.325	MMBtu/hr

Section II – General Requirements

1. Title V Administrative Requirements

1.1. Annual Fee Payment *[RAC 2-110(1)(h) and RAC 2-118]*

1.1.1. An annual operating permit emission fee shall be paid to the Tribe by the permittee.
[RAC 2-118(2)]

1.1.2. The permittee shall pay the annual permit fee each year no later than April 1st for the preceding calendar year.
[RAC 2-118(2)]

1.1.3. Fee payments shall be remitted in the form of a money order, bank draft, certified check, corporate check, or electronic funds transfer payable to the Southern Ute Indian Tribe and sent or delivered by the United States Postal Service c/o Environmental Programs Division Part 70 Program, P.O. Box 737 MS #84, Ignacio,

Colorado 81137; or by common carrier (such as UPS or FedEx) c/o Environmental Programs Division Part 70 Program, 398 Ouray Drive, Ignacio, Colorado 81137.

[RAC 2-118(4)(a)]

- 1.1.4. The permittee shall send an updated fee calculation worksheet submitted annually by the same deadline as required for fee payment to the address listed in the **Submissions** section of this permit.

[RAC 2-118]

- 1.1.5. Basis for calculating annual fee:

- 1.1.5.1. Subtotal annual fees shall be calculated by multiplying the applicable emission fee set pursuant to RAC § 2-119(1) times the total tons of actual emissions for each fee pollutant. In absence of actual emissions data, calculate the annual fee based on the potential to emit (as defined at RAC 1-103(51)) for each fee pollutant. Emissions of any regulated air pollutant that already are included in the fee calculation under a category of regulated pollutant, such as a federally listed hazardous air pollutant that is already accounted for as a VOC or as PM10, shall be counted only once in determining the source's actual emissions.

[RAC 2-119(2)(a)]

- 1.1.5.1.1. "Actual emissions" means the actual rate of emissions in tpy of any fee pollutant (for fee calculation) emitted from a Title V source over the preceding calendar year or any other period determined by the Tribe to be more representative of normal operation and consistent with the fee schedule adopted by the Tribe and approved by the Administrator. Actual emissions shall be calculated using each emissions units actual operating hours, production rates, in-place control equipment, and types of materials processed, stored, or combusted during the preceding calendar year or other period used for this calculation.

[RAC 1-103(2)]

- 1.1.5.1.2. Actual emissions shall be computed using compliance methods required by the permit.

[RAC 2-118(1)(b)]

- 1.1.5.1.3. If actual emissions cannot be determined using the compliance methods in the permit, the permittee shall use other federally recognized procedures.

[RAC 2-118(1)(b)]

- 1.1.5.2. The total annual fee submitted shall be the greater of the applicable minimum fee or the sum of subtotal annual fees for all fee pollutants emitted from the source.

[RAC 2-119(2)(b)]

[Explanatory note: The applicable emission fee amount and applicable minimum fee (if necessary) are revised each calendar year to account for inflation, and they are available from AQP prior to the start of each calendar year.]

- 1.1.5.3. The permittee shall exclude the following emissions from the calculation of fees:

1.1.5.3.1. The amount of actual emissions of any one fee pollutant that the source emits in excess of 4,000 tons per year

1.1.5.3.2. Any emissions that come from insignificant activities not required in a permit application pursuant to RAC § 2-106(4).

[RAC 1-103(2)(c)]

- 1.1.6. Annual fee calculation worksheets shall be certified as to truth, accuracy, and completeness by a responsible official.

[RAC 2-105 and RAC 2-118(2)(c)]

- 1.1.7. Failure of the permittee to pay fees by the due date shall subject the permittee to assessment of penalties and interest in accordance with RAC § 2-118(6).

[RAC 2-118(6)]

- 1.1.8. When notified by the Tribe of underpayment of fees, the permittee shall remit full payment within 30 days of receipt of an invoice from the Tribe.

[RAC 2-119(3)(b)]

- 1.1.9. A permittee who thinks a Tribe assessed fee is in error and who wishes to challenge such fee shall provide a written explanation of the alleged error to the Tribe along with full payment of the assessed fee.

[RAC 2-119(3)(c)]

1.2. Compliance Requirements

- 1.2.1. Compliance with the Permit

- 1.2.1.1. The permittee must comply with all conditions of this part 70 permit. Any permit noncompliance with federally enforceable or Commission-only permit conditions constitutes a violation of the RAC and Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.

[RAC 2-110(3)(a)]

- 1.2.1.2. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

[RAC 2-110(3)(b)]

- 1.2.1.3. All terms and conditions of this permit which are required under the Clean Air Act or under any of its applicable requirements, including any provisions designed to limit a source's potential to emit, are enforceable by the Administrator and citizens under the Clean Air Act, except terms and conditions the permit specifically designates as not being federally enforceable under the Clean Air Act that are not required under the Clean Air Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of RAC §§ 2-108, 2-111, 2-112, other than those contained in this paragraph.

[RAC 2-110(3)(f)]

- 1.2.1.4. This permit, or the filing or approval of a compliance plan, does not relieve any person from civil or criminal liability for failure to comply with the provisions of the RAC and the Clean Air Act, applicable regulations thereunder, and any other applicable law or regulation.

[RAC 2-110(3)(g)]

- 1.2.1.5. For the purpose of submitting compliance certifications in accordance with the Compliance Certifications condition below of this permit, or establishing whether or not a person has violated or is in violation of any requirement of this permit, nothing shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

[Section 113(a) and 113(e)(1) of the Act, 40 CFR §§ 51.212, 52.12, 52.33, 60.11(g), and 61.12]

1.2.2. Compliance Certifications

- 1.2.2.1. The permittee shall submit to the Tribe and the Administrator an annual certification of compliance which shall certify the source's compliance status with all permit terms and conditions and all applicable requirements relevant to the source, including those related to emission limitations, standards, or work practices. The compliance certification shall be certified as to truth, accuracy, and completeness by a responsible official consistent with RAC § 2-110(9)(a). The certification of compliance shall be submitted annually by April 1st and shall cover the preceding calendar year in which the certification of compliance is due, except that the first annual certification of compliance will cover the period from the issuance date of this permit through December 31st of the same year.

[RAC 2-110(9)(c)]

1.2.3. Compliance Schedule

- 1.2.3.1. For applicable requirements with which the source is in compliance, the source will continue to comply with such requirements.

[RAC 2-106(4)(l)(ii)]

- 1.2.3.2. For applicable requirements that will become effective during the permit term, the source shall meet such requirements on a timely basis.

[RAC 2-106(4)(l)(iii)]

1.3. Duty to Provide and Supplement Information [RAC 2-110(7)(e), 2-106(5), and 2-124]

- 1.3.1. The permittee shall furnish to the Tribe, within the period specified by the Tribe, any information that the Tribe request in writing to determine whether cause exists for reopening and revising, revoking, and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Tribe copies of records that are required to be kept by the permit, including information claimed to be confidential. Information claimed to be confidential must be accompanied by a claim of confidentiality according to the provisions of RAC 2-124.

[RAC 2-110(7)(e) and RAC 2-124]

- 1.3.2. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application or in a supplemental submittal, shall promptly submit such supplementary facts or corrected information. In addition, a permittee shall provide additional information as

necessary to address any requirements that become applicable after the date a complete application is filed, but prior to release of a draft permit.

[RAC 2-106(5)]

1.4. Submissions [RAC 2-105]

- 1.4.1. Any application, form, report, compliance certification, or other document submitted by the permittee under this permit shall contain a certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[Explanatory Note: The Tribe has developed a reporting form “CTAC” for certifying truth, accuracy and completeness of part 70 submissions. The form may be found on the AQP’s website (<http://www.southernute-nsn.gov/environmental-programs/air-quality>).]

- 1.4.2. Except where otherwise noted, any documents required to be submitted under this permit, including reports, test data, monitoring data, notifications, compliance certifications, fee calculation worksheets, and applications for renewals and permit modifications shall be submitted:

by email at: airquality@southernute-nsn.gov

or by United States Postal Service:
Part 70 Program
Environmental Programs Division
Air Quality Program
P.O. Box 737 MS #84
Ignacio, Colorado 81137

or by Common Carrier:
Part 70 Program
Environmental Programs Division
Air Quality Program
398 Ouray Drive
Ignacio, CO 81137

1.5. Severability Clause [RAC 1-106 and RAC 2-110(1)(f)]

The provisions of this permit are severable, and in the event of any challenge to any portion of this permit, or if any provision is held invalid, the remaining permit conditions shall remain valid and in force.

1.6. Permit Actions [RAC 2-110(3)]

- 1.6.1. This permit may be modified, reopened and revised, revoked and reissued, or terminated for cause.

[RAC 2-110(3)(c)]

- 1.6.2. The filing by the permittee of a request for a permit revision, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance shall not stay any permit condition.

[RAC 2-110(3)(d)]

1.7. Administrative Permit Revision [RAC 2-111(2)]

- 1.7.1. The permittee may submit an application for an administrative permit revision as defined in RAC § 1-103.

[RAC 2-111(2)(a)]

- 1.7.2. The permittee may implement an administrative permit revision immediately upon submittal of the request for the administrative revision.

[RAC 2-111(2)(c)]

[Note to permittee: If the provisions allowing for an administrative permit revision do not apply, please contact the Air Quality Program for a determination of similarity prior to submitting your request for an administrative permit revision.]

1.8. Minor Permit Revisions [RAC 2-111(3)]

- 1.8.1. The permittee may submit an application for a minor permit revision as defined in RAC § 1-103.

- 1.8.2. An application requesting the use of minor permit revision procedures shall meet the requirements of RAC § 2-106(4) and shall include the following:

- 1.8.2.1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
- 1.8.2.2. If changes are requested to the permit language, the permittee's suggested draft permit changes;
- 1.8.2.3. Certification by a responsible official, consistent with RAC § 2-105, that the proposed revision meets the criteria for use of minor permit revision procedures and a request that such procedures be used; and
- 1.8.2.4. Completed forms for the Tribe to use to notify the Administrator and affected programs as required under RAC § 2-108

- 1.8.2.5. If the requested permit revision would affect existing compliance plans or schedules, related progress reports, or certification of compliance requirements, and an outline of such effects.

[RAC 2-111(3)(a)]

- 1.8.3. The permittee shall not submit multiple minor permit revision applications that may conceal a larger revision that would not constitute a minor permit revision.

[RAC 2-111(3)(b)]

- 1.8.4. The permittee may make the change proposed in its minor permit revision application immediately after it files such application, provided, however, for sources that have previously utilized this provision during the term of the permit and, on two or more occasions have failed to file a complete application, may thereafter make the change only after the application is deemed complete. After the permittee makes the change and until the Tribe takes any of the actions specified in the following subsection, the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period, the permittee need not comply with the existing permit terms and conditions it seeks to modify. If the permittee fails to comply with its proposed permit terms and conditions during this period, however, the existing permit terms and conditions it seeks to modify may be enforced against it.

[RAC 2-111(3)(e)]

- 1.8.5. The permit shield under RAC § 2-110(10) does not extend to minor permit revisions.

[RAC 2-110(10)(d)]

1.9. Significant Permit Revisions [RAC 2-111(4)]

- 1.9.1. The permittee must request the use of significant permit revision procedures as defined in RAC § 1-103.

- 1.9.2. Significant permit revisions shall meet all requirements of the RAC for permit issuance and renewal, including those for applications, review by the Administrator and affected programs, and public participation.

[RAC 2-111(4), 2-109, and 2-106(3)]

1.10. Permit Reopenings, Revocations and Reissuances, and Terminations [RAC 2-112]

1.10.1. The permit may be reopened and revised for any of the reasons listed in the paragraphs below. Alternatively, the permit may be revoked and reissued for the reasons listed in the paragraphs below:

- 1.10.1.1. Additional requirements under the Clean Air Act become applicable to a major source with a remaining permit term of 3 or more years, provided that the Tribe shall revise such permits to incorporate such additional requirements no later than 18 months after promulgation of such requirements, and no such reopening is required if the effective date of the requirement is later than the permit expiration date unless the original permit or any of its terms or conditions have been extended past the permit expiration date pursuant to RAC § 2-104(2)(b)(iii);
- 1.10.1.2. Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit;
- 1.10.1.3. The Tribe or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the terms or conditions of the permit; or
- 1.10.1.4. The Tribe or the Administrator determines that the permit must be revised or revoked and reissued to assure compliance with applicable requirements.

1.10.2. The permit may be terminated for any of the reasons listed below:

- 1.10.2.1. The permittee fails to meet the requirements of an approved compliance plan;
- 1.10.2.2. The permittee has been in significant or repetitious noncompliance with the operating permit terms or conditions;
- 1.10.2.3. The permittee has exhibited a history of willful disregard for environmental laws of any tribal or state authority, or of the United States;
- 1.10.2.4. The permittee has knowingly misrepresented a material fact in any application, record, report, plan, or other document filed or required to be maintained under the permit;

- 1.10.2.5. The permittee falsifies, tampers with, or renders inaccurate any monitoring device or method required to be maintained under the permit;
- 1.10.2.6. The permittee fails to pay fees required under RAC §§ 2-118 and 2-119; or
- 1.10.2.7. The Administrator has found that cause exists to terminate the permit.

1.11. Property Rights [RAC 2-110(3)(e)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

1.12. Inspection and Entry [RAC 2-110(9)(b)]

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Tribe or other authorized representative to perform the following:

- 1.12.1. Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- 1.12.2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- 1.12.3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- 1.12.4. As authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

1.13. Emergency Situations [RAC 2-117]

- 1.13.1. The permittee may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency as defined in RAC § 1-103. To do so, the permittee shall demonstrate the affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:

- 1.13.1.1. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
- 1.13.1.2. The permitted facility was at the time being properly operated;
- 1.13.1.3. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in this permit; and
- 1.13.1.4. The permittee reported the emergency to the Tribe in compliance with RAC § 2-110(7).

[RAC 2-117(1)]

- 1.13.2. In any enforcement preceding the permittee attempting to establish the occurrence of an emergency has the burden of proof.

[RAC 2-117(2)]

- 1.13.3. This emergency situation provision is in addition to any emergency or upset provision contained in any applicable requirement.

[RAC 2-117(3)]

1.14. Permit Transfers [RAC 2-113]

- 1.14.1. This permit shall not be transferable, by operation of law or otherwise, from one location to another or from one source to another, except that a permit may be transferred from one location to another in the case of a portable source that has notified the Tribe in advance of the transfer, pursuant to the RAC. A permit for a source may be transferred from one person to another if the Tribe finds that the transferee is capable of operating the source in compliance with the permit. This transfer must be accomplished through an administrative permit revision in accordance with the Administrative Permit Revisions section of this permit.

1.15. Off-Permit Changes [RAC 2-116(2)]

- 1.15.1. The permittee is allowed to make, without a permit revision, certain changes that are not addressed or prohibited by this permit provided that the following requirements are met:
 - 1.15.1.1. Each such change meets all applicable requirements and shall not violate any existing permit term or condition;

1.15.1.2. Such changes are not subject to any requirements under title IV of the Clean Air Act and are not modifications under title I of the Clean Air Act;

1.15.1.3. Such changes are not subject to permit revision procedures under RAC § 2-111; and

1.15.1.4. The permittee provides contemporaneous written notice to the Tribe and the Administrator of each such change, except for changes that qualify as insignificant activities. Such notice shall state when the change occurred and shall describe the change, any resulting emissions change, pollutants emitted, and any applicable requirement that would apply as a result of the change.

[RAC 2-116(2)(a)]

1.15.2. The permit shield does not apply to changes made under this provision.

[RAC 2-110(10)(d)]

1.15.3. The permittee shall keep a record describing changes made at the source that result in emissions of any regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

[RAC 2-116(2)(b)]

1.15.4. A copy of each off-permit change notification shall be made available to the Tribe upon request.

[RAC 2-110(6)]

1.16. Permit Expiration and Renewal

[RAC §§ 2-104(3), 2-106(2)(b), 2-107(7)(a), 2-107(7)(b), 2-110(1)(a), and 2-106(3)]

1.16.1. This permit shall expire five years from the issuance date of this permit.

[RAC 2-110(1)(a)]

1.16.2. Expiration of this permit terminates the permittee's right to operate unless a timely and complete permit renewal application has been submitted at least 6 months but not more than 18 months prior to the date of expiration of this permit.

[RAC 2-107(7)(b)]

1.16.3. If the permittee submits a timely and complete permit application for renewal, consistent with RAC § 2-106 but the Tribe has failed to issue or disapprove a

renewal permit before the end of the permit term, then the permit shall not expire and all its terms and conditions shall remain in effect until the renewal permit has been issued or disapproved.

[RAC 2-104(2)(b)]

- 1.16.4. The ability to operate under this permit shall cease if (1) the Tribe takes final action to issue the permittee a renewal permit or deny the permittee a permit or (2) the permittee fails to submit by the deadline specified in writing by the Tribe any additional information identified as being needed to process the application.

[RAC 2-104(3)]

- 1.16.5. Renewal of this permit is subject to the same procedures, including those for public participation and affected program and EPA review, as those that apply to initial permit issuance.

[RAC 2-107(7)(a)]

- 1.16.6. The application for renewal shall include the current permit number, description of permit revisions and off permit changes that occurred during the permit term, any applicable requirements that were promulgated and not incorporated into the permit during the permit term, and other information required by the application form.

[RAC 2-106(4)(e)(ix)]

2. Facility-Wide Requirements

Conditions in this section of the permit apply to all emissions units located at the facility, including any units not specifically listed in Table 1 or Table 2 of the Source Emission Points section of this permit.

[RAC 2-110(1)(d)]

2.1. General Recordkeeping Requirements [RAC 2-110(6)]

The permittee shall comply with the following generally applicable recordkeeping requirements:

- 2.1.1. If the permittee determines that his or her stationary source that emits (or has the potential to emit, without federally recognized controls) one or more hazardous air pollutants is not subject to a relevant standard or other requirement established under 40 CFR part 63, the permittee shall keep a record of the applicability determination, for a period of five years after the determination, or until the source changes its operations to become an affected source, whichever comes first. Each of these records shall be made available to the Tribe upon request. The record of

the applicability determination shall include an analysis (or other information) that demonstrates why the permittee believes the source is unaffected (e.g., because the source is an area source).

[40 CFR 63.10(b)(3)]

- 2.1.2. Records shall be kept of off permit changes made, as required by the Off Permit Changes section of this permit.

2.2. General Reporting Requirements

- 2.2.1. The permittee shall submit to the Tribe all reports of any required monitoring under this permit semiannually, by April 1 and October 1 of each year. The report due on April 1 shall cover the July 1 - December 31 reporting period of the previous calendar year. The report due on October 1 shall cover the January 1 - June 30 reporting period of the current calendar year. All instances of deviations from permit requirements shall be clearly identified in such reports. All required reports shall be certified by a responsible official consistent with the Submissions section of this permit.

[RAC 2-110(7)(a)]

- 2.2.2. “Deviation” means any situation in which an emissions unit fails to meet a permit term or condition. A deviation is not always a violation. A deviation can be determined by observation or through review of data obtained from any testing, monitoring, or recordkeeping established in accordance with RAC 2-110(5) and (6). For a situation lasting more than 24 hours which constitutes a deviation, each 24 hour period is considered a separate deviation. Included in the meaning of deviation are any of the following:

- 2.2.2.1. A situation where emissions exceed an emission limitation or standard;
- 2.2.2.2. A situation where process or emissions control device parameter values indicate that an emission limitation or standard has not been met; or
- 2.2.2.3. A situation in which observations or data collected demonstrate noncompliance with an emission limitation or standard or any work practice or operating condition required by the permit.
- 2.2.2.4. A situation in which an exceedance or an excursion, as defined in 40 CFR Part 64 occurs.

2.2.3. The permittee shall promptly report to the Tribe deviations from permit requirements, (including emergencies), including the date, time, duration, and the probable cause of such deviations, the quantity and pollutant type of excess emissions resulting from the deviation, and any preventative, mitigation, or corrective actions or measures taken. Prompt deviation reports shall be submitted to the following email address: airquality@southernute-nsn.gov

2.2.4. “Prompt” is defined as follows:

2.2.4.1. Where the underlying applicable requirement contains a definition of “prompt” or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern.

2.2.4.2. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations will be submitted based on the following schedule:

2.2.4.2.1. For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in the applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made by email, telephone, verbal, or facsimile communication by the close of business the next working day, upon discovery of the occurrence, and in writing within 10 working days from the occurrence;

2.2.4.2.2. For emissions of any regulated air pollutant, excluding those listed in RAC § 2-110(7)(b)(i), that continue for more than 2 hours in excess of permit requirements, the report must be made by email, telephone, verbal, or facsimile communication by the close of business the next working day, upon discovery of the occurrence, and in writing within 10 working days from the occurrence;

2.2.4.2.3. For all other deviations from permit requirements, the report shall be contained in the report submitted with the semi-annual monitoring report.

[RAC 2-110(7)(b)]

2.3. Alternative Operating Scenarios [RAC 2-110(8)]

2.3.1. Replacement of an existing engine or turbine identified in this permit shall be allowed as an off-permit change pursuant to the Off Permit Changes provisions of this permit provided all of the following conditions are met:

2.3.1.1. The engine or turbine replacement is not subject to any requirements under Title IV of the Clean Air Act and is not a modification under Title I of the Clean Air Act;

2.3.1.2. The replacement engine or turbine is of the same make, model, horsepower rating, and configured to operate in the same manner as the engine or turbine being replaced.

2.3.1.3. The replacement engine or turbine meets all applicable requirements identified in this permit that apply to the existing engine or turbine being replaced.

2.3.1.4. All applicable requirements that apply to the replacement engine or turbine are already included in the permit. Replacement of an existing engine or turbine identified in this permit with a new, modified, or reconstructed engine must utilize a Minor Permit Revision as specified in RAC 2-111(3) or a Significant Permit Revision as specified in RAC 2-111(4) to incorporate any new applicable requirements. The applicable requirements include, but may not be limited to:

2.3.1.4.1. Standards of Performance for Stationary Compression Ignition Internal Combustion at 40 CFR Part 60, Subpart IIII;

2.3.1.4.2. Standards of Performance for Stationary Spark Ignition Internal Combustion Engines at 40 CFR Part 60, Subpart JJJJ;

2.3.1.4.3. National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines at 40 CFR Part 63, Subpart ZZZZ;

2.3.1.4.4. Standards of Performance for Stationary Gas Turbines at 40 CFR Part 60, Subpart GG;

2.3.1.4.5. Standards of Performance for Stationary Combustion Turbines at 40 CFR Part 60, Subpart KKKK;

- 2.3.1.4.6. National Emission Standard for Hazardous Air Pollutants for Stationary Combustion Turbines at 40 CFR Part 63, Subpart YYYYY;
 - 2.3.1.4.7. Requirements established in a permit or permits issued pursuant to the Federal Minor New Source Review Program in Indian Country at 40 CFR Part 49;
 - 2.3.1.4.8. Requirements established in a permit or permits issued pursuant to the Prevention of Significant Deterioration of Air Quality Program at 40 CFR Part 52; or
 - 2.3.1.4.9. Requirements established in any promulgated Federal Implementation Plan that may apply to engines located on the Southern Ute Indian Reservation.
- 2.3.2. The permittee shall provide contemporaneous written notice to the Tribe and the Administrator of any replacement of an existing engine or turbine identified in this permit. Such notice shall state when the replacement occurred and shall describe the replacement and any applicable requirement that would apply as a result of the replacement.
- 2.3.3. The permittee shall keep a record of the engine or turbine replacement.
- 2.3.4. The use of a backup thermal oxidizer with equivalent capacity and emission destruction efficiency and configured to operate in the same manner as the primary thermal oxidizer shall be an allowed alternative operating scenario under this permit provided that the following conditions are met:
- 2.3.4.1. Any emission limits, requirements, testing or other provisions that apply to the primary thermal oxidizer shall also apply to the backup thermal oxidizer except that an annual performance test shall only be conducted on the backup thermal oxidizer if the unit operates for more than 500 hours in any calendar year.
 - 2.3.4.2. At no time shall the backup thermal oxidizer operate at the same time the primary thermal oxidizer is operating except periods of transition between the primary and backup thermal oxidizers. Transition events shall be documented, last no more than 30 minutes in duration, and will be reported as excess emission events.

2.4. Permit Shield [RAC 2-110(10)(c)]

Nothing in this permit shall alter or affect the following:

- 2.4.1. The provisions of Section 303 of the Clean Air Act, 42 U.S.C. § 7603 concerning emergency powers, including the respective authorities of the Administrator under those sections;
- 2.4.2. The liability of a permittee for any violation of applicable requirements prior to or at the time of permit issuance;
- 2.4.3. The applicable requirements of the acid rain program consistent with section 408(a) of the Act; or
- 2.4.4. The ability of the Administrator respectively to obtain information from a source pursuant to Section 114 of the Clean Air Act, 42 U.S.C. § 7414.

2.5. Stratospheric Ozone and Climate Protection [40 CFR Part 82]

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F:

- 2.5.1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR §82.156.
- 2.5.2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR §82.158.
- 2.5.3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR §82.161.

Section III – Site Specific Permit Terms

1. New Source Performance Standards (NSPS) and 40 CFR Part 60

1.1. 40 CFR Part 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230 – 60.4248, RAC 4-103]

This facility is subject to the requirements of 40 CFR Part 60, Subpart JJJJ for non-emergency stationary spark-ignition (SI) internal combustion engines (ICE) with a maximum engine power greater than 25 brake horsepower (HP) modified after June 12, 2006 and manufactured prior to July 1, 2008. Notwithstanding conditions in this permit, the permittee shall comply with all applicable requirements of 40 CFR Part 60, subparts A and JJJJ.

1.1.1. Affected Sources

The following emission units are considered affected sources under 40 CFR Part 60, Subpart JJJJ:

IH1 - Caterpillar G3608 (4SLB SI) Natural Gas-Fired Compressor Engine, 2,520
Nameplate Rated

[40 CFR 60.4230]

1.1.2. Emission Standards for Owners and Operators

1.1.2.1. Owners and operators of non-emergency engines must meet a nitrogen oxides (NO_x) emission standard of 3.0 grams per HP-hour (g/HP-hr), a CO emission standard of 4.0 g/HP-hr, and a volatile organic compounds (VOC) emission standard of 1.0 g/HP-hr, or a NO_x emission standard of 250 ppmvd at 15 percent oxygen (O₂), a CO emission standard 540 ppmvd at 15 percent O₂, and a VOC emission standard of 86 ppmvd at 15 percent O₂, where the date of manufacture of the engine is:

1.1.2.1.1. Prior to July 1, 2007, for non-emergency engines with a maximum engine power greater than or equal to 500 HP (except lean burn natural gas engines and LPG engines with a maximum engine power greater than or equal to 500 HP and less than 1,350 HP);

[40 CFR 60.4233]

- 1.1.2.2. Owners and operators of stationary SI ICE must operate and maintain stationary SI ICE that achieve the emission standards as required in §60.4233 over the entire life of the engine.

NO _x , CO, and VOC Emission Standards for IH1								
Engine type and fuel	Maximum engine power	Manufacture date	Emission standards					
			g/HP-hr			ppmvd at 15% O ₂		
			NO _x	CO	VOC	NO _x	CO	VOC
Non-Emergency SI Natural Gas	HP≥500	Prior to July 1, 2007	3.0	4.0	1.0	250	540	86

[40 CFR 60.4234]

1.1.3. Compliance Requirements for Owners and Operators

- 1.1.3.1. If you are an owner or operator of a stationary SI internal combustion engine that must comply with the emission standards specified in §60.4233(f), you must demonstrate compliance according to the paragraph below.
- 1.1.3.1.1. You must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test and conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance.
- 1.1.3.2. Owners and operators of stationary SI natural gas fired engines may operate their engines using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations, but must keep records of such use. If propane is used for more than 100 hours per year in an engine that is not certified to the emission standards when using propane, the owners and operators are required to conduct a performance test to demonstrate compliance with the emission standards of §60.4233.
- 1.1.3.3. If you are an owner or operator of a modified or reconstructed stationary SI internal combustion engine and must comply with the emission standards

specified in §60.4233(f), you must demonstrate compliance according to one of the methods specified in the paragraphs below:

- 1.1.3.3.1. Conducting a performance test to demonstrate initial compliance with the emission standards according to the requirements specified in §60.4244. The test must be conducted within 60 days after the engine commences operation after the modification or reconstruction.

[40 CFR 60.4243]

1.1.4. Testing Requirements for Owners and Operators

- 1.1.4.1. Each performance test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in §60.8 and under the specific conditions that are specified by Table 2 to this subpart.

Table 2 to Subpart JJJJ of Part 60 – Requirements for Performance Tests				
For each	Complying with the requirement to	You must	Using	According to the following requirements
1. Stationary SI internal combustion engine demonstrating compliance according to §60.4244	a. limit the concentration of NO _x in the stationary SI internal combustion engine exhaust	i. Select the sampling port location and the number/location of traverse points at the exhaust of the stationary internal combustion engine;	(1) Method 1 or 1A of 40 CFR part 60, appendix A-1, if measuring flow rate	(a) Alternatively, for NO _x , O ₂ , and moisture measurement, ducts ≤6 inches in diameter may be sampled at a single point located at the duct centroid and ducts >6 and ≤12 inches in diameter may be sampled at 3 traverse points located at 16.7, 50.0, and 83.3% of the measurement line ('3-point long line'). If the duct is >12 inches in diameter <i>and</i> the sampling port location meets the two and half-diameter criterion of Section 11.1.1 of Method 1 of 40 CFR part 60, Appendix A, the duct may be sampled at '3-point long line'; otherwise, conduct the stratification testing and select sampling points according to Section 8.1.2 of Method 7E of 40 CFR part 60, Appendix A.

		ii. Determine the O ₂ concentration of the stationary internal combustion engine exhaust at the sampling port location;	(2) Method 3, 3A, or 3B ^b of 40 CFR part 60, appendix A-2 or ASTM Method D6522-00 (Reapproved 2005) ^{ad}	(b) Measurements to determine O ₂ concentration must be made at the same time as the measurements for NO _x concentration.
		iii. If necessary, determine the exhaust flowrate of the stationary internal combustion engine exhaust;	(3) Method 2 or 2C of 40 CFR part 60, appendix A-1 or Method 19 of 40 CFR part 60, appendix A-7	
		iv. If necessary, measure moisture content of the stationary internal combustion engine exhaust at the sampling port location; and	(4) Method 4 of 40 CFR part 60, appendix A-3, Method 320 of 40 CFR part 63, appendix A ^e , or ASTM Method D6348-03 ^{de}	(c) Measurements to determine moisture must be made at the same time as the measurement for NO _x concentration.
		v. Measure NO _x at the exhaust of the stationary internal combustion engine; if using a control device, the sampling site must be located at the outlet of the control device	(5) Method 7E of 40 CFR part 60, appendix A-4, ASTM Method D6522-00 (Reapproved 2005) ^{ad} , Method 320 of 40 CFR part 63, appendix A ^e , or ASTM Method D6348-03 ^{de}	(d) Results of this test consist of the average of the three 1-hour or longer runs.
	b. limit the concentration of CO in the stationary SI internal combustion engine exhaust	i. Select the sampling port location and the number/location of traverse points at the exhaust of the stationary internal combustion engine;	(1) Method 1 or 1A of 40 CFR part 60, appendix A-1, if measuring flow rate	(a) Alternatively, for CO, O ₂ , and moisture measurement, ducts ≤6 inches in diameter may be sampled at a single point located at the duct centroid and ducts >6 and ≤12 inches in diameter may be sampled at 3 traverse points located at 16.7, 50.0, and 83.3% of the measurement line ('3-point long line'). If the duct is >12 inches in diameter <i>and</i> the sampling port location meets the two and half-diameter criterion of Section 11.1.1 of Method 1 of 40 CFR part 60, Appendix A, the

				duct may be sampled at '3-point long line'; otherwise, conduct the stratification testing and select sampling points according to Section 8.1.2 of Method 7E of 40 CFR part 60, Appendix A.
		ii. Determine the O ₂ concentration of the stationary internal combustion engine exhaust at the sampling port location;	(2) Method 3, 3A, or 3B ^b of 40 CFR part 60, appendix A-2 or ASTM Method D6522-00 (Reapproved 2005) ^{ad}	(b) Measurements to determine O ₂ concentration must be made at the same time as the measurements for CO concentration.
		iii. If necessary, determine the exhaust flowrate of the stationary internal combustion engine exhaust;	(3) Method 2 or 2C of 40 CFR 60, appendix A-1 or Method 19 of 40 CFR part 60, appendix A-7	
		iv. If necessary, measure moisture content of the stationary internal combustion engine exhaust at the sampling port location; and	(4) Method 4 of 40 CFR part 60, appendix A-3, Method 320 of 40 CFR part 63, appendix A ^e , or ASTM Method D6348-03 ^{de}	(c) Measurements to determine moisture must be made at the same time as the measurement for CO concentration.
		v. Measure CO at the exhaust of the stationary internal combustion engine; if using a control device, the sampling site must be located at the outlet of the control device	(5) Method 10 of 40 CFR part 60, appendix A4, ASTM Method D6522-00 (Reapproved 2005) ^{ade} , Method 320 of 40 CFR part 63, appendix A ^e , or ASTM Method D6348-03 ^{de}	(d) Results of this test consist of the average of the three 1-hour or longer runs.
	c. limit the concentration of VOC in the stationary SI internal combustion engine exhaust	i. Select the sampling port location and the number/location of traverse points at the exhaust of the stationary internal combustion engine;	(1) Method 1 or 1A of 40 CFR part 60, appendix A-1, if measuring flow rate	(a) Alternatively, for VOC, O ₂ , and moisture measurement, ducts ≤6 inches in diameter may be sampled at a single point located at the duct centroid and ducts >6 and ≤12 inches in diameter may be sampled at 3 traverse points located at 16.7, 50.0, and 83.3%

				of the measurement line ('3-point long line'). If the duct is >12 inches in diameter <i>and</i> the sampling port location meets the two and half-diameter criterion of Section 11.1.1 of Method 1 of 40 CFR part 60, Appendix A, the duct may be sampled at '3-point long line'; otherwise, conduct the stratification testing and select sampling points according to Section 8.1.2 of Method 7E of 40 CFR part 60, Appendix A.
		ii. Determine the O ₂ concentration of the stationary internal combustion engine exhaust at the sampling port location;	(2) Method 3, 3A, or 3B ^b of 40 CFR part 60, appendix A-2 or ASTM Method D6522-00 (Reapproved 2005) ^{ad}	(b) Measurements to determine O ₂ concentration must be made at the same time as the measurements for VOC concentration.
		iii. If necessary, determine the exhaust flowrate of the stationary internal combustion engine exhaust;	(3) Method 2 or 2C of 40 CFR 60, appendix A-1 or Method 19 of 40 CFR part 60, appendix A-7	
		iv. If necessary, measure moisture content of the stationary internal combustion engine exhaust at the sampling port location; and	(4) Method 4 of 40 CFR part 60, appendix A-3, Method 320 of 40 CFR part 63, appendix A ^e , or ASTM Method D6348-03 ^{de}	(c) Measurements to determine moisture must be made at the same time as the measurement for VOC concentration.
		v. Measure VOC at the exhaust of the stationary internal combustion engine; if using a control device, the sampling site must be located at the outlet of the control device	(5) Methods 25A and 18 of 40 CFR part 60, appendices A-6 and A-7, Method 25A with the use of a hydrocarbon cutter as described in 40 CFR 1065.265, Method 18 of 40 CFR part 60, appendix A-6 ^{ce} , Method 320 of 40 CFR	(d) Results of this test consist of the average of the three 1-hour or longer runs.

			part 63, appendix A ^c , or ASTM Method D6348-03 ^{de}	
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- 1.1.4.2. You may not conduct performance tests during periods of startup, shutdown, or malfunction, as specified in §60.8(c). If your stationary SI internal combustion engine is non-operational, you do not need to startup the engine solely to conduct a performance test; however, you must conduct the performance test immediately upon startup of the engine.
- 1.1.4.3. You must conduct three separate test runs for each performance test required in this section, as specified in §60.8(f). Each test run must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and last at least 1 hour.
- 1.1.4.4. To determine compliance with the NOX mass per unit output emission limitation, convert the concentration of NOX in the engine exhaust using the following equation:

$$ER = \frac{C_d \times 1.912 \times 10^{-3} \times Q \times T}{HP-hr} \quad (Eq. 1)$$

Where:

ER = Emission rate of NOx in g/HP-hr

C_d = Measured NOx concentration in parts per million by volume (ppmv)

1.912 X 10⁻³ = Conversion constant for ppm NOx to grams per standard cubic meter at 20 degrees Celsius

Q = Stack gas volumetric flow rate, in standard cubic meter per hour, dry basis

T = Time of test run, in hours

HP-hr = Brake work of the engine, in HP-hr

- 1.1.4.5. To determine compliance with the CO mass per unit output emission limitation, convert the concentration of CO in the engine exhaust using the following equation:

$$ER = \frac{C_d \times 1.164 \times 10^{-3} \times Q \times T}{HP-hr} \quad (Eq. 2)$$

Where:

ER = Emission rate of CO in g/HP-hr

C_d = Measured CO concentration in parts per million by volume (ppmv)

1.164×10^{-3} = Conversion constant for ppm CO to grams per standard cubic meter at 20 degrees Celsius

Q = Stack gas volumetric flow rate, in standard cubic meter per hour, dry basis

T = Time of test run, in hours

HP-hr = Brake work of the engine, in HP-hr

- 1.1.4.6. For purposes of this subpart, when calculating emissions of VOC, emissions of formaldehyde should not be included. To determine compliance with the VOC mass per unit output emission limitation, convert the concentration of VOC in the engine exhaust using the following equation:

$$ER = \frac{C_d \times 1.833 \times 10^{-3} \times Q \times T}{HP-hr} \quad (Eq. 3)$$

Where:

ER = Emission rate of VOC in g/HP-hr

C_d = VOC concentration measured as propane in ppmv

1.833×10^{-3} = Conversion constant for ppm VOC to grams per standard cubic meter at 20 degrees Celsius

Q = Stack gas volumetric flow rate, in standard cubic meter per hour, dry basis

T = Time of test run, in hours

HP-hr = Brake work of the engine, in HP-hr

- 1.1.4.7. If the owner/operator chooses to measure VOC emissions using either Method 18 of 40 CFR part 60, appendix A, or Method 320 of 40 CFR part 63, appendix A, then it has the option of correcting the measured VOC emissions to account for the potential differences in measured values between these methods and Method 25A. The results from Method 18 and Method 320 can be corrected for response factor differences using Equations 4 and 5 of this section. The corrected VOC concentration can then be placed on a propane basis using Equation 6 of this section.

$$RF_i = \frac{C_{Mi}}{C_{Ai}} \quad (\text{Eq. 4})$$

Where:

RF_i = Response factor of compound i when measured with EPA Method 25A

C_{Mi} = Measured concentration of compound i in ppmv as carbon

C_{Ai} = True concentration of compound i in ppmv as carbon

$$C_{i\text{corr}} = RF_i \times C_{i\text{meas}} \quad (\text{Eq. 5})$$

Where:

$C_{i\text{corr}}$ = Concentration of compound i corrected to the value that would have been measured by EPA Method 25A, ppmv as carbon.

$C_{i\text{meas}}$ = Concentration of compound i measured by EPA Method 320, ppmv as carbon.

$$C_{Peq} = 0.6098 \times C_{i,air} \quad (\text{Eq. 6})$$

Where:

C_{Peq} = Concentration of compound i in mg of propane equivalent per DSCM
[40 CFR 60.4244]

1.1.5. Notification, Reports, and Records for Owners and Operators

1.1.5.1. Owners and operators of all stationary SI ICE must keep records of the information specified in the paragraphs below.

1.1.5.1.1. All notifications submitted to comply with this subpart and all documentation supporting any notification.

1.1.5.1.2. Maintenance conducted on the engine.

1.1.5.1.3. If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards.

1.1.5.2. Owners and operators of stationary SI ICE greater than or equal to 500 HP that have not been certified by an engine manufacturer to meet the emission standards in §60.4231 must submit an initial notification as required in §60.7(a)(1). The notification must include the information specified in the paragraphs below.

1.1.5.2.1. Name and address of the owner or operator;

1.1.5.2.2. The address of the affected source;

1.1.5.2.3. Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;

1.1.5.2.4. Emission control equipment; and

1.1.5.2.5. Fuel used.

- 1.1.5.3. Owners and operators of stationary SI ICE that are subject to performance testing must submit a copy of each performance test as conducted in §60.4244 within 60 days after the test has been completed. Performance test reports using EPA Method 18, EPA Method 320, or ASTM D6348-03 (incorporated by reference—see 40 CFR 60.17) to measure VOC require reporting of all QA/QC data. For Method 18, report results from sections 8.4 and 11.1.1.4; for Method 320, report results from sections 8.6.2, 9.0, and 13.0; and for ASTM D6348-03 report results of all QA/QC procedures in Annexes 1-7.

[40 CFR 60.4245]

1.1.6. General Provisions

- 1.1.6.1. Table 3 to this subpart shows which parts of the General Provisions in §§60.1 through 60.19 apply to you.

[40 CFR 60.4246]

Table 3 to Subpart JJJJ of Part 60—Applicability of General Provisions to Subpart JJJJ			
General provisions citation	Subject of citation	Applies to subpart	Explanation
§60.1	General applicability of the General Provisions	Yes	
§60.2	Definitions	Yes	Additional terms defined in §60.4248.
§60.3	Units and abbreviations	Yes	
§60.4	Address	Yes	
§60.5	Determination of construction or modification	Yes	
§60.6	Review of plans	Yes	
§60.7	Notification and Recordkeeping	Yes	Except that §60.7 only applies as specified in §60.4245.
§60.8	Performance tests	Yes	Except that §60.8 only applies to owners and operators who are subject to performance testing in subpart JJJJ.
§60.9	Availability of information	Yes	
§60.10	State Authority	Yes	

§60.11	Compliance with standards and maintenance requirements	Yes	Requirements are specified in subpart JJJJ.
§60.12	Circumvention	Yes	
§60.13	Monitoring requirements	No	
§60.14	Modification	Yes	
§60.15	Reconstruction	Yes	
§60.16	Priority list	Yes	
§60.17	Incorporations by reference	Yes	
§60.18	General control device requirements	No	
§60.19	General notification and reporting requirements	Yes	

1.2. 40 CFR Part 60, Subpart OOOO – New Performance Standards for Crude Oil and Natural Gas Production, Transmission, and Distribution *[40 CFR 60.5360-60.5431]*

This facility is subject to the requirements of 40 CFR Part 60, Subpart OOOO for reciprocating compressors. Notwithstanding conditions in this permit, the permittee shall comply with all applicable requirements of 40 CFR Part 60, subparts A and OOOO.

1.2.1. Affected Sources

The following emission units are considered affected sources under 40 CFR Part 60, Subpart OOOO.

Recip1 – Ariel JGD-4 Reciprocating Compressor – Frame Number F23233

Recip2 – Ariel JGD-4 Reciprocating Compressor – Frame Number F24283
[40 CFR 60.4246]

1.2.2. Standards for Reciprocating Compressors

You must comply with the standards in the paragraphs of this section for each reciprocating compressor affected facility.

- 1.2.2.1. You must replace the reciprocating compressor rod packing according to either paragraph below.

- 1.2.2.1.1. Before the compressor has operated for 26,000 hours. The number of hours of operation must be continuously monitored beginning upon initial startup of your reciprocating compressor affected facility, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.
- 1.2.2.1.2. Prior to 36 months from the date of the most recent rod packing replacement, or 36 months from the date of startup for a new reciprocating compressor for which the rod packing has not yet been replaced.
- 1.2.2.2. You must demonstrate initial compliance with standards that apply to reciprocating compressor affected facilities as required by §60.5410.
- 1.2.2.3. You must demonstrate continuous compliance with standards that apply to reciprocating compressor affected facilities as required by §60.5415.
- 1.2.2.4. You must perform the required notification, recordkeeping, and reporting as required by §60.5420.

[40 CFR 60.5385]

[Explanatory note – The permittee has represented that the compliance option for reciprocating compressors at this facility will be rod packing and not an emissions collection system. Therefore, the requirements for an emissions collection system are not incorporated into this permit.]

1.2.3. Initial Compliance Requirements

- 1.2.3.1. To achieve initial compliance with the standards for each reciprocating compressor affected facility you must comply with the paragraphs below.
 - 1.2.3.1.1. You must continuously monitor the number of hours of operation or track the number of months since the last rod packing replacement.
 - 1.2.3.1.2. You must submit the initial annual report for your reciprocating compressor as required in §60.5420(b).
 - 1.2.3.1.3. You must maintain the records as specified in §60.5420(c)(3) for each reciprocating compressor affected facility.

[40 CFR 60.5410]

1.2.4. Continuous Compliance Requirements

1.2.4.1. For each reciprocating compressor affected facility complying with the rod packing replacement option, you must demonstrate continuous compliance according to the three paragraphs below.

1.2.4.1.1. You must continuously monitor the number of hours of operation for each reciprocating compressor affected facility or track the number of months since initial startup, or the date of the most recent reciprocating compressor rod packing replacement, whichever is later.

1.2.4.1.2. You must submit the annual report as required in §60.5420(b) and maintain records as required in §60.5420(c)(3).

1.2.4.1.3. You must replace the reciprocating compressor rod packing before the total number of hours of operation reaches 26,000 hours or the number of months since the most recent rod packing replacement reaches 36 months.

[40 CFR 60.5415]

1.2.5. Notification, Reporting, and Recordkeeping Requirements

1.2.5.1. You must submit the notifications according to the paragraph below if you own or operate one or more of the affected facilities specified in §60.5365 that was constructed, modified, or reconstructed during the reporting period.

1.2.5.1.1. If you own or operate a reciprocating compressor affected facility you are not required to submit the notifications required in §60.7(a)(1), (3), and (4).

1.2.5.2. *Reporting requirements.* You must submit annual reports containing the information specified in the paragraphs below to the Administrator. The initial annual report is due no later than 90 days after the end of the initial compliance period as determined according to §60.5410. Subsequent annual reports are due no later than same date each year as the initial annual report. If you own or operate more than one affected facility, you may submit one report for multiple affected facilities provided the report contains all of the information required as specified in the paragraphs of the section below. Annual reports may coincide with title V reports as long as all the required

elements of the annual report are included. You may arrange with the Administrator a common schedule on which reports required by this part may be submitted as long as the schedule does not extend the reporting period.

1.2.5.2.1. The general information specified in the four paragraphs below.

1.2.5.2.1.1. The company name and address of the affected facility.

1.2.5.2.1.2. An identification of each affected facility being included in the annual report.

1.2.5.2.1.3. Beginning and ending dates of the reporting period.

1.2.5.2.1.4. A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

1.2.5.2.2. For each reciprocating compressor affected facility, the information specified in the two paragraphs below.

1.2.5.2.2.1. The cumulative number of hours of operation or the number of months since initial startup or since the previous reciprocating compressor rod packing replacement, whichever is later.

1.2.5.2.2.2. Records of deviations specified in §60.5420(c)(3)(iii) that occurred during the reporting period.

1.2.5.2.3. All reports, except as specified in paragraph (b)(8) of this section, required by this subpart not subject to the requirements in paragraph (a)(2)(i) of this section must be sent to the Administrator at the appropriate address listed in §60.4 of this part. The Administrator or the delegated authority may request a report in any form suitable for the specific case (e.g., by commonly used electronic media such as Excel spreadsheet, on CD or hard copy).

1.2.5.3. *Recordkeeping requirements.* You must maintain the records identified as specified in §60.7(f) and in the paragraphs of this section. All records required by this subpart must be maintained either onsite or at the nearest local field office for at least 5 years.

1.2.5.3.1. For each reciprocating compressor affected facility, you must maintain the records in the three paragraphs of the section below.

1.2.5.3.1.1. Records of the cumulative number of hours of operation or number of months since initial startup, or the previous replacement of the reciprocating compressor rod packing, whichever is later.

1.2.5.3.1.2. Records of the date and time of each reciprocating compressor rod packing replacement.

1.2.5.3.1.3. Records of deviations in cases where the reciprocating compressor was not operated in compliance with the requirements specified in §60.5385.

[40 CFR 60.5420]

1.2.6. General Provisions

1.2.6.1. Table 3 to this subpart shows which parts of the General Provisions in §§60.1 through 60.19 apply to you

[40 CFR 60.5425]

Table 3 to Subpart OOOO of Part 60—Applicability of General Provisions to Subpart OOOO			
As stated in §60.5425, you must comply with the following applicable General Provisions:			
General provisions citation	Subject of citation	Applies to subpart?	Explanation
§60.1	General applicability of the General Provisions	Yes.	
§60.2	Definitions	Yes	Additional terms defined in §60.5430.
§60.3	Units and abbreviations	Yes.	
§60.4	Address	Yes.	

§60.5	Determination of construction or modification	Yes.	
§60.6	Review of plans	Yes.	
§60.7	Notification and record keeping	Yes	Except that §60.7 only applies as specified in §60.5420(a).
§60.8	Performance tests	Yes	Performance testing is required for control devices used on storage vessels and centrifugal compressors.
§60.9	Availability of information	Yes.	
§60.10	State authority	Yes.	
§60.11	Compliance with standards and maintenance requirements	No	Requirements are specified in subpart OOOO.
§60.12	Circumvention	Yes.	
§60.13	Monitoring requirements	Yes	Continuous monitors are required for storage vessels.
§60.14	Modification	Yes.	
§60.15	Reconstruction	Yes.	Except that §60.15(d) does not apply to gas wells, pneumatic controllers, centrifugal compressors, reciprocating compressors or storage vessels.
§60.16	Priority list	Yes.	
§60.17	Incorporations by reference	Yes.	
§60.18	General control device requirements	Yes	Except that the period of visible emissions shall not exceed a total of 1 minute during any 15-minute period instead of 5 minutes during any 2 consecutive hours as required in §60.18(c).
§60.19	General notification and reporting requirement	Yes.	

2. National Emission Standards for Hazardous Air Pollutants (NESHAP) and 40 CFR Part 63

2.1. 40 CFR Part 63, Subpart HH - National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities [40 CFR 63.760 – 63.774 and RAC 4-103]

The permittee is the owner or operator of a glycol dehydration unit that is exempt from the standards of 40 CFR §63.764(d). The permittee shall retain each determination used to demonstrate that the actual average benzene emissions from each dehydrator are below 0.90 megagram per year.

[40 CFR 63.764(e)(1), 63.772(b), and 63.774(d)(1)]

- 2.1.1. The permittee must obtain an extended wet gas analysis of the inlet gas stream at least once per calendar year. The gas sample shall be taken at a point prior to where the gas enters the dehydration system contact tower. The analysis shall include the gas temperature and pressure at which the sample was taken. This analysis must be used to determine the actual average benzene emissions annually, as determined in accordance with §63.772(b)(2)(i).

[RAC 2-110(5)(b)]

2.2. 40 CFR Part 63, Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities [40 CFR §63.6580 – 63.6660 and RAC §4-103]

This facility is subject to the requirements of 40 CFR Part 63, Subpart ZZZZ for new stationary reciprocating internal combustion engines (RICE) with a site rating of greater than 500 brake horsepower located at a major source of hazardous air pollutants (HAPs). Notwithstanding conditions in this permit, the permittee shall comply with all applicable requirements of 40 CFR Part 63 subparts A and ZZZZ.

2.2.1. Affected Sources

- 2.2.1.1. 40 CFR Part 63, Subpart ZZZZ applies to the following emission units:

IH2 – Caterpillar G3608 (4SLB SI) Natural Gas-Fired Compressor Engine,
2,370 Site Rated HP

2.2.2. Emission and Operating Limitations

- 2.2.2.1. You must comply with the requirements in Table 2a and 2b to this subpart which apply.

Table 2a to Subpart ZZZZ of Part 63—Emission Limitations for New and Reconstructed 4SLB Stationary RICE ≥250 HP Located at a Major Source of HAP Emissions		
For each . . .	You must meet the following emission limitation, except during periods of startup . . .	During periods of startup you must . . .
2. 4SLB stationary RICE	a. Reduce CO emissions by 93 percent or more ²	Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply. ¹

¹Sources can petition the Administrator pursuant to the requirements of 40 CFR 63.6(g) for alternative work practices.

²BP has elected to comply with the 93% CO reduction option for emission unit IH2 according to their permit renewal application.

Table 2b to Subpart ZZZZ of Part 63—Operating Limitations for New and Reconstructed 4SLB Stationary RICE ≥250 HP Located at a Major Source of HAP Emissions	
For each . . .	You must meet the following operating limitation, except during periods of startup . . .
1. New and reconstructed 4SLB stationary RICE ≥250 HP located at a major source of HAP emissions complying with the requirement to reduce CO emissions and using an oxidation catalyst; and	<p>a. maintain your catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst that was measured during the initial performance test; and</p> <p>b. maintain the temperature of your stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.¹</p>

¹Sources can petition the Administrator pursuant to the requirements of 40 CFR 63.6(g) for alternative work practices

[40 CFR 63.6600]

2.2.3. General Compliance Requirements

- 2.2.3.1. You must be in compliance with the emission limitations, operating limitations, and other requirements in this subpart that apply at all times.
- 2.2.3.2. At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Tribe which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[40 CFR 63.6605]

2.2.4. Testing and Initial Compliance Requirements

- 2.2.4.1. You must conduct the initial performance test or other initial compliance demonstrations in Table 4 to this subpart that apply to you within 180 days

after the compliance date that is specified for your stationary RICE in §63.6595 and according to the provisions in §63.7(a)(2).

Table 4 to Subpart ZZZZ of Part 63—Requirements for Performance Tests

As stated in §§63.6610, 63.6620, and 63.6640, you must comply with the following requirements for performance tests for stationary RICE

For each . . .	Complying with the requirement to . . .	You must . . .	Using . . .	According to the following requirements . . .
1. 4SLB stationary RICE	a. reduce CO emissions	i. Select the sampling port location and the number/location of traverse points at the inlet and outlet of the control device; and		(a) For CO and O ₂ measurement, ducts ≤6 inches in diameter may be sampled at a single point located at the duct centroid and ducts >6 and ≤12 inches in diameter may be sampled at 3 traverse points located at 16.7, 50.0, and 83.3% of the measurement line ('3-point long line'). If the duct is >12 inches in diameter <i>and</i> the sampling port location meets the two and half-diameter criterion of Section 11.1.1 of Method 1 of 40 CFR part 60, appendix A-1, the duct may be sampled at '3-point long line'; otherwise, conduct the stratification testing and select sampling points according to Section 8.1.2 of Method 7E of 40 CFR part 60, appendix A-4.
		ii. Measure the O ₂ at the inlet and outlet of the control device; and	(1) Method 3 or 3A or 3B of 40 CFR part 60, appendix A-2, or ASTM Method D6522-00 (Reapproved 2005) ^{ac} (heated probe not necessary)	(b) Measurements to determine O ₂ must be made at the same time as the measurements for CO concentration.
		iii. Measure the CO at the inlet and the outlet of the control device	(1) ASTM D6522-00 (Reapproved 2005) ^{ab} heated probe not necessary) or Method 10	(c) The CO concentration must be at 15 percent O ₂ , dry basis.

			of 40 CFR part 60, appendix A-4	
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^aYou may also use Methods 3A and 10 as options to ASTM-D6522-00 (2005). You may obtain a copy of ASTM-D6522-00 (2005) from at least one of the following addresses: American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, or University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

^bYou may obtain a copy of ASTM-D6348-03 from at least one of the following addresses: American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, or University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

2.2.4.2. An owner or operator is not required to conduct an initial performance test on units for which a performance test has been previously conducted, but the test must meet all of the conditions described in the paragraphs below:

2.2.4.2.1. The test must have been conducted using the same methods specified in this subpart, and these methods must have been followed correctly.

2.2.4.2.2. The test must not be older than 2 years.

2.2.4.2.3. The test must be reviewed and accepted by the Administrator.

2.2.4.2.4. Either no process or equipment changes must have been made since the test was performed, or the owner or operator must be able to demonstrate that the results of the performance test, with or without adjustments, reliably demonstrate compliance despite process or equipment changes.

2.2.4.2.5. The test must be conducted at any load condition within plus or minus 10 percent of 100 percent load.

[40 CFR 63.6610]

2.2.4.3. You must conduct subsequent performance tests as specified in Table 3 of this subpart.

Table 3 to Subpart ZZZZ of Part 63—Subsequent Performance Tests		
For each . . .	Complying with the requirement to . . .	You must . . .
1. New or reconstructed 4SLB stationary RICE ≥ 250 HP located at major sources;	Reduce CO emissions and not using a CEMS	Conduct subsequent performance tests semiannually. ¹

¹After you have demonstrated compliance for two consecutive tests, you may reduce the frequency of subsequent performance tests to annually. If the results of any subsequent annual performance test indicate the stationary RICE is not in compliance with the CO or formaldehyde emission limitation, or you deviate from any of your operating limitations, you must resume semiannual performance tests.

2.2.4.3.1. Each subsequent semiannual performance test shall be conducted no later than 180 days from the previous performance test.

2.2.4.3.2. Each subsequent annual performance test shall be conducted no later than 360 days from the previous performance test.

[40 CFR 63.6615 and RAC 2-110(5)]

2.2.4.4. You must conduct each performance test in Tables 3 and 4 of this subpart that applies to you.

2.2.4.5. Each performance test must be conducted according to the requirements that this subpart specifies in Table 4 to this subpart. If you own or operate a non-operational stationary RICE that is subject to performance testing, you do not need to start up the engine solely to conduct the performance test. Owners and operators of a non-operational engine can conduct the performance test when the engine is started up again. The test must be conducted at any load condition within plus or minus 10 percent of 100 percent load for the stationary RICE.

2.2.4.6. You must conduct three separate test runs for each performance test required in this section, as specified in §63.7(e)(3). Each test run must last at least 1 hour, unless otherwise specified in this subpart.

2.2.4.7. You must use Equation 1 of this section to determine compliance with the percent reduction requirement:

$$\frac{C_i - C_o}{C_i} \times 100 = R \quad (Eq. 1)$$

Where:

C_i = concentration of carbon monoxide (CO), total hydrocarbons (THC), or formaldehyde at the control device inlet,

C_o = concentration of CO, THC, or formaldehyde at the control device outlet, and

R = percent reduction of CO, THC, or formaldehyde emissions.

- 2.2.4.8. You must normalize the CO, THC, or formaldehyde concentrations at the inlet and outlet of the control device to a dry basis and to 15 percent oxygen, or an equivalent percent carbon dioxide (CO₂). If pollutant concentrations are to be corrected to 15 percent oxygen and CO₂ concentration is measured in lieu of oxygen concentration measurement, a CO₂ correction factor is needed. Calculate the CO₂ correction factor as described in the paragraphs below.

- 2.2.4.8.1. Calculate the fuel-specific F_o value for the fuel burned during the test using values obtained from Method 19, Section 5.2, and the following equation:

$$F_o = \frac{0.209F_d}{F_c} \quad (Eq. 2)$$

Where:

F_o = Fuel factor based on the ratio of oxygen volume to the ultimate CO₂ volume produced by the fuel at zero percent excess air.

0.209 = Fraction of air that is oxygen, percent/100.

F_d = Ratio of the volume of dry effluent gas to the gross calorific value of the fuel from Method 19, dsm³/J (dscf/10⁶ Btu).

F_c = Ratio of the volume of CO₂ produced to the gross calorific value of the fuel from Method 19, dsm³/J (dscf/10⁶ Btu)

- 2.2.4.8.2. Calculate the CO₂ correction factor for correcting measurement data to 15 percent O₂, as follows:

$$X_{CO_2} = \frac{5.9}{F_o} \quad (Eq. 3)$$

Where:

X_{CO_2} = CO₂ correction factor, percent

5.9 = 20.9 percent O₂ – 15 percent O₂, the defined O₂ correction value, percent

- 2.2.4.8.3. Calculate the CO, THC, and formaldehyde gas concentrations adjusted to 15 percent O₂ using CO₂ as follows:

$$C_{adj} = C_d \frac{X_{CO_2}}{\%CO_2} \quad (Eq. 4)$$

Where:

C_{adj} = Calculated concentration of CO, THC, or formaldehyde adjusted to 15 percent O₂.

C_d = Measured concentration of CO, THC, or formaldehyde, uncorrected.

X_{CO_2} = CO₂ correction factor, percent.

%CO₂ = Measured CO₂ concentration measured, dry basis, percent.

- 2.2.4.9. The engine percent load during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the

measurement device, and an estimate of its accurate in percentage of true value must be provided.

[40 CFR 63.6620]

2.2.4.10. If you are required to install a continuous parameter monitoring system (CPMS) as specified in Table 5 of this subpart, you must install, operate, and maintain each CPMS according to the requirements in the paragraphs below.

2.2.4.10.1. You must prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in the sub-paragraphs below and in §63.8(d). As specified in §63.8(f)(4), you may request approval of monitoring system quality assurance and quality control procedures alternative to those specified in paragraphs §63.6625(b)(1) through (5) in your site-specific monitoring plan.

2.2.4.10.1.1. The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations;

2.2.4.10.1.2. Sampling interface (*e.g.*, thermocouple) location such that the monitoring system will provide representative measurements;

2.2.4.10.1.3. Equipment performance evaluations, system accuracy audits, or other audit procedures;

2.2.4.10.1.4. Ongoing operation and maintenance procedures in accordance with provisions in §63.8(c)(1)(ii) and (c)(3); and

2.2.4.10.1.5. Ongoing reporting and recordkeeping procedures in accordance with provisions in §63.10(c), (e)(1), and (e)(2)(i).

2.2.4.10.2. You must install, operate, and maintain each CPMS in continuous operation according to the procedures in your site-specific monitoring plan.

- 2.2.4.10.3. The CPMS must collect data at least once every 15 minutes (see also §63.6635).
- 2.2.4.10.4. For a CPMS for measuring temperature range, the temperature sensor must have a minimum tolerance of 2.8 degrees Celsius (5 degrees Fahrenheit) or 1 percent of the measurement range, whichever is larger.
- 2.2.4.10.5. You must conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in your site-specific monitoring plan at least annually.
- 2.2.4.10.6. You must conduct a performance evaluation of each CPMS in accordance with your site-specific monitoring plan.
- 2.2.4.11. You must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Table 2a to this subpart apply.
- [40 CFR 63.6625]
- 2.2.4.12. You must demonstrate initial compliance with each emission limitation, operating limitation, and other requirement that applies to you according to Table 5 of this subpart.

Table 5 to Subpart ZZZZ of Part 63—Initial Compliance With Emission Limitations, Operating Limitations, and Other Requirements		
As stated in. §63.6625 and 63.6630, you must initially comply with the emission and operating limitations as required by the following:		
For each . . .	Complying with the requirement to . . .	You have demonstrated initial compliance if . . .
1. New or reconstructed non-emergency 4SLB stationary RICE ≥250 HP located at a major source of HAP	a. Reduce CO emissions and using oxidation catalyst, and using a CPMS	i. The average reduction of emissions of CO determined from the initial performance test achieves the required CO percent reduction; and ii. You have installed a CPMS to continuously monitor catalyst inlet temperature according to the requirements in §63.6625(b); and

		iii. You have recorded the catalyst pressure drop and catalyst inlet temperature during the initial performance test.
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2.2.4.13. During the initial performance test, you must establish each operating limitation in Table 2b of this subpart that applies to you.

2.2.4.14. You must submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in §63.6645.

[40 CFR 63.6630]

2.2.5. Continuous Compliance Requirements

2.2.5.1. Except for monitor malfunctions, associated repairs, required performance evaluations, and required quality assurance or control activities, you must monitor continuously at all times that the stationary RICE is operating. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

2.2.5.2. You may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities in data averages and calculations used to report emission or operating levels. You must, however, use all the valid data collected during all other periods.

[40 CFR 63.6635]

2.2.5.3. You must demonstrate continuous compliance with each requirement in Tables 2a and 2b to this subpart that applies to you according to methods specified in Table 6 to this subpart.

Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance With Emission Limitations, and Other Requirements		
As stated in §63.6640, you must continuously comply with the emissions and operating limitations and work or management practices as required by the following:		
For each . . .	Complying with the requirement to . . .	You must demonstrate continuous compliance by . . .

1. New or reconstructed non-emergency 4SLB stationary RICE ≥ 250 HP located at a major source of HAP	a. Reduce CO emissions and using an oxidation catalyst, and using a CPMS	i. Conducting semiannual performance tests for CO to demonstrate that the required CO percent reduction is achieved ^a ; and ii. Collecting the catalyst inlet temperature data according to §63.6625(b); and iii. Reducing these data to 4-hour rolling averages; and
		iv. Maintaining the 4-hour rolling averages within the operating limitations for the catalyst inlet temperature; and
		v. Measuring the pressure drop across the catalyst once per month and demonstrating that the pressure drop across the catalyst is within the operating limitation established during the performance test.

2.2.5.4. You must report each instance in which you did not meet each requirement in Tables 2a and 2b to this subpart that applies. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650. If you change your catalyst, you must reestablish the values of the operating parameters measured during the initial performance test. When you reestablish the values of your operating parameters, you must also conduct a performance test to demonstrate that you are meeting the required emission limitation applicable to your stationary RICE.

2.2.5.4.1. You must conduct the performance test within 180 days of the catalyst change.

2.2.5.5. For new, reconstructed, and rebuilt stationary RICE, deviations from the emission or operating limitations that occur during the first 200 hours of operation from engine startup (engine burn-in period) are not violations. Rebuilt stationary RICE means a stationary RICE that has been rebuilt as that term is defined in 40 CFR 94.11(a).

2.2.5.6. You must also report each instance in which you did not meet the requirements in Table 8 to this subpart that apply.

[40 CFR 63.6640 and RAC 2-110(5)]

2.2.6. Notifications, Reports, and Records

- 2.2.6.1. You must submit all of the notifications in §§63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9(b) through (e), and (g) and (h) that apply by the dates specified.
- 2.2.6.2. You must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in §63.7(b)(1).
- 2.2.6.3. If you are required to conduct a performance test or other initial compliance demonstration as specified in Tables 4 and 5 to this subpart, you must submit a Notification of Compliance Status according to §63.9(h)(2)(ii).
- 2.2.6.3.1. For each initial compliance demonstration required in Table 5 to this subpart that does not include a performance test, you must submit the Notification of Compliance Status before the close of business on the 30th day following the completion of the initial compliance demonstration.
- 2.2.6.3.2. For each initial compliance demonstration required in Table 5 to this subpart that includes a performance test conducted according to the requirements in Table 3 to this subpart, you must submit the Notification of Compliance Status, including the performance test results, before the close of business on the 60th day following the completion of the performance test according to §63.10(d)(2).
[40 CFR 63.6645]
- 2.2.6.4. You must submit each report in Table 7 of this subpart that applies to you.

Table 7 to Subpart ZZZZ of Part 63—Requirements for Reports			
For each . . .	You must submit a . . .	The report must contain . . .	You must submit the report . . .
1. New or reconstructed non-emergency stationary RICE >500 HP located at a major source of HAP	Compliance report	a. If there are no deviations from any emission limitations or operating limitations that apply to you, a statement that there were no deviations from the emission limitations or operating limitations during the	i. Semiannually according to the requirements in §63.6650(b)(1)-(5) for engines that are not limited use stationary RICE subject to

		reporting period. If there were no periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), a statement that there were not periods during which the CMS was out-of-control during the reporting period; or	numerical emission limitations; and ii. Annually according to the requirements in §63.6650(b)(6)-(9) for engines that are limited use stationary RICE subject to numerical emission limitations.
		b. If you had a deviation from any emission limitation or operating limitation during the reporting period, the information in §63.6650(d). If there were periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), the information in §63.6650(e); or	i. Semiannually according to the requirements in §63.6650(b).
		c. If you had a malfunction during the reporting period, the information in §63.6650(c)(4).	i. Semiannually according to the requirements in §63.6650(b).

2.2.6.5. You must submit all semi-annual compliance reports by April 1st and October 1st.

2.2.6.6. For annual compliance reports, the first compliance report must cover the period beginning on the compliance date that is specified for your affected source in §63.6595 and ending on December 31.

2.2.6.7. You must submit annual compliance reports by April 1st.

2.2.6.8. The compliance report must contain the information specified in the paragraphs below:

2.2.6.8.1. Company name and address.

2.2.6.8.2. Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.

- 2.2.6.8.3. Date of report and beginning and ending dates of the reporting period.
- 2.2.6.8.4. If you had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with §63.6605(b), including actions taken to correct a malfunction.
- 2.2.6.8.5. If there are no deviations from any emission or operating limitations that apply to you, a statement that there were no deviations from the emission or operating limitations during the reporting period.
- 2.2.6.8.6. If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period.
- 2.2.6.9. For each deviation from an emission or operating limitation occurring for a stationary RICE where you are using a CMS to comply with the emission and operating limitations in this subpart, you must include information in paragraphs §63.6650(c)(1) through (4) and in the paragraphs below:
 - 2.2.6.9.1. The date and time that each malfunction started and stopped.
 - 2.2.6.9.2. The date, time, and duration that each CMS was inoperative, except for zero (low-level) and high-level checks.
 - 2.2.6.9.3. The date, time, and duration that each CMS was out-of-control, including the information in §63.8(c)(8).
 - 2.2.6.9.4. The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period.

- 2.2.6.9.5. A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.
 - 2.2.6.9.6. A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.
 - 2.2.6.9.7. A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total operating time of the stationary RICE at which the CMS downtime occurred during that reporting period.
 - 2.2.6.9.8. An identification of each parameter and pollutant (CO or formaldehyde) that was monitored at the stationary RICE.
 - 2.2.6.9.9. A brief description of the stationary RICE.
 - 2.2.6.9.10. A brief description of the CMS.
 - 2.2.6.9.11. The date of the latest CMS certification or audit.
 - 2.2.6.9.12. A description of any changes in CMS, processes, or controls since the last reporting period.
- 2.2.6.10. You must report all deviations as defined in 40 CFR Part 63, Subpart ZZZZ in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A). If an affected source submits a Compliance report pursuant to Table 7 of this subpart along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in this subpart, submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permit authority.

[40 CFR 63.6650]

2.2.6.11. You must keep the records specified in the paragraphs below:

- 2.2.6.11.1. A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in §63.10(b)(2)(xiv).
- 2.2.6.11.2. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- 2.2.6.11.3. Records of performance tests and performance evaluations as required in §63.10(b)(2)(viii).
- 2.2.6.11.4. Records of all required maintenance performed on the air pollution control and monitoring equipment.
- 2.2.6.11.5. Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

2.2.6.12. For each CPMS, you must keep the records listed in the paragraphs below:

- 2.2.6.12.1. Records described in §63.10(b)(2)(vi) through (xi).
- 2.2.6.12.2. Previous (i.e., superseded) versions of the performance evaluation plan as required in §63.8(d)(3).
- 2.2.6.12.3. Requests for alternatives to the relative accuracy test for CPMS as required in §63.8(f)(6)(i), if applicable.

2.2.6.13. You must keep the records required in Table 6 of this subpart to show continuous compliance with each emission or operating limitation that applies.

[40 CFR 63.6655]

2.2.6.14. Records must be kept in a form suitable and readily available for expeditious review according to §63.10(b)(1).

2.2.6.15. As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

2.2.6.16. You must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1).
[40 CFR 63.6660]

2.2.7. Other Requirements and Information

2.2.7.1. Table 8 to this subpart shows which parts of the General Provisions in §§63.1 through 63.15 apply to you.

Table 8 to Subpart ZZZZ of Part 63 – Applicability of General Provisions to Subpart ZZZZ			
General provisions citation	Subject of citation	Applies to subpart	Explanation
§63.1	General applicability of the General Provisions	Yes.	
§63.2	Definitions	Yes	Additional terms defined in §63.6675.
§63.3	Units and abbreviations	Yes.	
§63.4	Prohibited activities and circumvention	Yes.	
§63.5	Construction and reconstruction	Yes.	
§63.6(a)	Applicability	Yes.	
§63.6(b)(1)-(4)	Compliance dates for new and reconstructed sources	Yes.	
§63.6(b)(5)	Notification	Yes.	
§63.6(b)(6)	[Reserved]		
§63.6(b)(7)	Compliance dates for new and reconstructed area sources that become major sources	Yes.	
§63.6(c)(1)-(2)	Compliance dates for existing sources	Yes.	
§63.6(c)(3)-(4)	[Reserved]		

§63.6(c)(5)	Compliance dates for existing area sources that become major sources	Yes.	
§63.6(d)	[Reserved]		
§63.6(e)	Operation and maintenance	No.	
§63.6(f)(1)	Applicability of standards	No.	
§63.6(f)(2)	Methods for determining compliance	Yes.	
§63.6(f)(3)	Finding of compliance	Yes.	
§63.6(g)(1)-(3)	Use of alternate standard	Yes.	
§63.6(h)	Opacity and visible emission standards	No	Subpart ZZZZ does not contain opacity or visible emission standards.
§63.6(i)	Compliance extension procedures and criteria	Yes.	
§63.6(j)	Presidential compliance exemption	Yes.	
§63.7(a)(1)-(2)	Performance test dates	Yes	Subpart ZZZZ contains performance test dates at §§63.6610, 63.6611, and 63.6612.
§63.7(a)(3)	CAA section 114 authority	Yes.	
§63.7(b)(1)	Notification of performance test	Yes	Except that §63.7(b)(1) only applies as specified in §63.6645.
§63.7(b)(2)	Notification of rescheduling	Yes	Except that §63.7(b)(2) only applies as specified in §63.6645.
§63.7(c)	Quality assurance/test plan	Yes	Except that §63.7(c) only applies as specified in §63.6645.
§63.7(d)	Testing facilities	Yes.	
§63.7(e)(1)	Conditions for conducting performance tests	No.	Subpart ZZZZ specifies conditions for conducting performance tests at §63.6620.
§63.7(e)(2)	Conduct of performance tests and reduction of data	Yes	Subpart ZZZZ specifies test methods at §63.6620.
§63.7(e)(3)	Test run duration	Yes.	
§63.7(e)(4)	Administrator may require other testing under section 114 of the CAA	Yes.	
§63.7(f)	Alternative test method provisions	Yes.	

§63.7(g)	Performance test data analysis, recordkeeping, and reporting	Yes.	
§63.7(h)	Waiver of tests	Yes.	
§63.8(a)(1)	Applicability of monitoring requirements	Yes	Subpart ZZZZ contains specific requirements for monitoring at §63.6625.
§63.8(a)(2)	Performance specifications	Yes.	
§63.8(a)(3)	[Reserved]		
§63.8(a)(4)	Monitoring for control devices	No.	
§63.8(b)(1)	Monitoring	Yes.	
§63.8(b)(2)-(3)	Multiple effluents and multiple monitoring systems	Yes.	
§63.8(c)(1)	Monitoring system operation and maintenance	Yes.	
§63.8(c)(1)(i)	Routine and predictable SSM	No	
§63.8(c)(1)(ii)	SSM not in Startup Shutdown Malfunction Plan	Yes.	
§63.8(c)(1)(iii)	Compliance with operation and maintenance requirements	No	
§63.8(c)(2)-(3)	Monitoring system installation	Yes.	
§63.8(c)(4)	Continuous monitoring system (CMS) requirements	Yes	Except that subpart ZZZZ does not require Continuous Opacity Monitoring System (COMS).
§63.8(c)(5)	COMS minimum procedures	No	Subpart ZZZZ does not require COMS.
§63.8(c)(6)-(8)	CMS requirements	Yes	Except that subpart ZZZZ does not require COMS.
§63.8(d)	CMS quality control	Yes.	
§63.8(e)	CMS performance evaluation	Yes	Except for §63.8(e)(5)(ii), which applies to COMS.
		Except that §63.8(e) only applies as specified in §63.6645.	
§63.8(f)(1)-(5)	Alternative monitoring method	Yes	Except that §63.8(f)(4) only applies as specified in §63.6645.

§63.8(f)(6)	Alternative to relative accuracy test	Yes	Except that §63.8(f)(6) only applies as specified in §63.6645.
§63.8(g)	Data reduction	Yes	Except that provisions for COMS are not applicable. Averaging periods for demonstrating compliance are specified at §§63.6635 and 63.6640.
§63.9(a)	Applicability and State delegation of notification requirements	Yes.	
§63.9(b)(1)-(5)	Initial notifications	Yes	Except that §63.9(b)(3) is reserved.
		Except that §63.9(b) only applies as specified in §63.6645.	
§63.9(c)	Request for compliance extension	Yes	Except that §63.9(c) only applies as specified in §63.6645.
§63.9(d)	Notification of special compliance requirements for new sources	Yes	Except that §63.9(d) only applies as specified in §63.6645.
§63.9(e)	Notification of performance test	Yes	Except that §63.9(e) only applies as specified in §63.6645.
§63.9(f)	Notification of visible emission (VE)/opacity test	No	Subpart ZZZZ does not contain opacity or VE standards.
§63.9(g)(1)	Notification of performance evaluation	Yes	Except that §63.9(g) only applies as specified in §63.6645.
§63.9(g)(2)	Notification of use of COMS data	No	Subpart ZZZZ does not contain opacity or VE standards.
§63.9(g)(3)	Notification that criterion for alternative to RATA is exceeded	Yes	If alternative is in use.
		Except that §63.9(g) only applies as specified in §63.6645.	
§63.9(h)(1)-(6)	Notification of compliance status	Yes	Except that notifications for sources using a CEMS are due 30 days after completion of performance evaluations. §63.9(h)(4) is reserved.
			Except that §63.9(h) only applies as specified in §63.6645.
§63.9(i)	Adjustment of submittal deadlines	Yes.	

§63.9(j)	Change in previous information	Yes.	
§63.10(a)	Administrative provisions for recordkeeping/reporting	Yes.	
§63.10(b)(1)	Record retention	Yes	Except that the most recent 2 years of data do not have to be retained on site.
§63.10(b)(2)(i)-(v)	Records related to SSM	No.	
§63.10(b)(2)(vi)-(xi)	Records	Yes.	
§63.10(b)(2)(xii)	Record when under waiver	Yes.	
§63.10(b)(2)(xiii)	Records when using alternative to RATA	Yes	For CO standard if using RATA alternative.
§63.10(b)(2)(xiv)	Records of supporting documentation	Yes.	
§63.10(b)(3)	Records of applicability determination	Yes.	
§63.10(c)	Additional records for sources using CEMS	Yes	Except that §63.10(c)(2)-(4) and (9) are reserved.
§63.10(d)(1)	General reporting requirements	Yes.	
§63.10(d)(2)	Report of performance test results	Yes.	
§63.10(d)(3)	Reporting opacity or VE observations	No	Subpart ZZZZ does not contain opacity or VE standards.
§63.10(d)(4)	Progress reports	Yes.	
§63.10(d)(5)	Startup, shutdown, and malfunction reports	No.	
§63.10(e)(1) and (2)(i)	Additional CMS Reports	Yes.	
§63.10(e)(2)(ii)	COMS-related report	No	Subpart ZZZZ does not require COMS.
§63.10(e)(3)	Excess emission and parameter exceedances reports	Yes.	Except that §63.10(e)(3)(i) (C) is reserved.
§63.10(e)(4)	Reporting COMS data	No	Subpart ZZZZ does not require COMS.
§63.10(f)	Waiver for recordkeeping/reporting	Yes.	
§63.11	Flares	No.	
§63.12	State authority and delegations	Yes.	
§63.13	Addresses	Yes.	

§63.14	Incorporation by reference	Yes.	
§63.15	Availability of information	Yes.	

[75 FR 9688, Mar. 3, 2010, as amended at 78 FR 6720, Jan. 30, 2013]

[40 CFR 63.6670]

3. Reserved – Tribal Minor New Source Review

4. Reserved – Prevention of Significant Deterioration Requirements

5. Reserved – Consent Decree Requirements

6. Reserved – Compliance Assurance Monitoring (CAM) Requirements

7. Enhanced Monitoring, Recordkeeping, and Reporting

7.1. Any documents required to be submitted under this Title V operating permit, including but not limited to, reports, test data, monitoring data, notifications, compliance certifications, fee calculation worksheets, and applications for renewals and permit modifications shall be submitted to the Tribe:

by email at: airquality@southernute-nsn.gov

<p>or by United States Postal Service:</p> <p>Part 70 Program Environmental Programs Division Air Quality Program P.O. Box 737 MS #84 Ignacio, Colorado 81137</p>	<p>or by Common Carrier:</p> <p>Part 70 Program Environmental Programs Division Air Quality Program 398 Ouray Drive Ignacio, CO 81137</p>
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Section IV – Appendix

1. Inspection Information

1.1. Driving Directions:

From Highway 160, take Highway 172 towards Ignacio. Upon entering Ignacio city limits, turn right (west) on CR 314 and travel about 1.5 miles to J-Road (south side). Turn left (south) and travel about 1.5 miles. Iron Horse Central Delivery Point is on the left (east) side of J-Road.

1.2. Global Positioning System (GPS):

Latitude: 37.121639° N

Longitude: -107.65885° W

1.3. Safety Considerations:

All visitors to the Iron Horse Central Delivery Point wear a hard hat, safety glasses, safety footwear, hearing protection, and fire retardant clothing.