Air Quality Permitting
Statement of Basis

December 17, 2007

Tier I Operating Permit No. T1-2007.0082

University of Idaho, Moscow

Facility ID No. 057-00025

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Public Comment Draft

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Acronyms, Units, and Chemical Nomenclature

acfm	actual cubic feet per minute
AFS	AIRS Facility Subsystem
AIRS	Aerometric Information Retrieval System
AQCR	Air Quality Control Region
ASTM	American Society for Testing and Materials
BACT	Best Available Control Technology
Btu	British thermal unit
CAA	Clean Air Act
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
EPA	Environmental Protection Agency
gpm	gallons per minute
gr	grain (1 lb = 7,000 grains)
HAPs	Hazardous Air Pollutants
hp	horsepower
IDAPA	A numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
lb/hr	pound per hour
m	meter(s)
MACT	Maximum Available Control Technology
MMBtu	Million British thermal units
NESHAP	Nation Emission Standards for Hazardous Air Pollutants
NO_2	nitrogen dioxide
NO_X	nitrogen oxides
NSPS	New Source Performance Standards
O_3	ozone
PM	Particulate Matter
PM_{10}	Particulate Matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
ppm	parts per million
PSD	Prevention of Significant Deterioration
PTC	Permit to Construct
PTE	Potential to Emit
Rules	Rules for the Control of Air Pollution in Idaho
scf	standard cubic feet
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SM	synthetic minor
SO_2	sulfur dioxide
SO_x	sulfur oxides
T/yr	Tons per year
$\mu g/m^3$	micrograms per cubic meter
UTM	Universal Transverse Mercator
U of I	University of Idaho
VOC	volatile organic compound

1. PURPOSE

The purpose of this memorandum is to explain the legal and factual basis for this draft Tier I operating permit in accordance with IDAPA 58.01.01.362.

The Department of Environmental Quality (DEQ) has reviewed the information provided by The University of Idaho (U of I) regarding the operation of its facility located in Moscow. This information was submitted based on the requirements to submit a renewal Tier I operating permit application in accordance with IDAPA 58.01.01.313.03.

2. FACILITY DESCRIPTION

The U of I's primary campus is located in Moscow, Idaho. The facility covers approximately 1,200 acres of land. The facility is comprised of educational instruction buildings, research buildings, various student housing units, activity centers, and infrastructure to support day-to-day operations at the U of I.

The facility contains numerous individual buildings that house the instructional and research functions. Some buildings are equipped with domestic hot water heaters, small boilers, and small furnaces, which are generally fired on natural gas.

The most significant emissions sources are located in the power building, where the three main boilers provide steam for space heating during cold weather and space cooling through an absorption chiller system during the summer. Two of these boilers are fired exclusively by natural gas and the third boiler is fired on wood-waste and a small amount of paper waste. The other significant sources are three diesel-fired engines for emergency electrical backup generators located on the campus.

3. FACILITY/AREA CLASSIFICATION

This facility is a major facility as defined by IDAPA 58.01.01.008.10 because it emits or has the potential to emit a regulated air pollutant(s) in amounts greater than or equal to major facility threshold(s) listed in Subsection 008.10. Refer to Section 6.2 of this document for a complete emissions inventory of the air pollutants emitted by this facility.

This facility is not a designated facility as defined by IDAPA 58.01.01.006.30.

This facility is not a major facility as defined by IDAPA 58.01.01.205 because it does not emit or have the potential to emit a regulated criteria air pollutant in amounts greater than or equal to 250 tons per year.

The Standard Industrial Classification (SIC) defining the facility is 8221, and the Aerometric Information Retrieval System (AIRS) facility classification is A.

The facility is located in Latah county, which is classified as attainment/unclassifiable for all criteria pollutants. There is not a Class I area within 10 kilometers (km) of the facility. This facility is located in Air Quality Control Region (AQCR) 62 and Universal Transverse Mercator (UTM) Zone 11.

4. APPLICATION SCOPE

This permitting action involves the renewal of the facility's existing Tier I operating permit and incorporates the applicable requirements 40 CFR 64, Continuous Assurance Monitoring for the solid fuels wood-waste-fired boiler multiclone.

5. SUMMARY OF EVENTS

May 18, 2007	DEQ received application for PTC modification and Tier I renewal
July 17, 2007	DEQ determined application complete
August 24, 2007	DEQ received application withdrawal request for PTC
November 2, 2007	DEQ will issue Tier I renewal with the previous Tier II provisions and will incorporate the impending PTC provisions into the Tier I under IDAPA 58.01.01.209.05.c after the PTC is issued.

5.1 Permitting History

- Tier II No. T2-010200, issued August 2, 2002
- Tier I No. 050205, issued May 20, 2005
- Tier I No. 040207, issued September 2, 2004
- Tier I No. 020208, issued July 28, 2003
- Tier I No. 057-00025, issued November 18, 2002

6. PERMIT ANALYSIS

6.1 Basis of Analysis

The following documents were relied upon in preparing this memorandum and the Tier I operating permit:

- Tier I Operating permit renewal application received May 18, 2007
- PTC modification application received May 18, 2007
- PTC application withdrawal received August 15, 2007
- Tier II No. T2-010200, August 2, 2002
- Tier I No. 050205, issued May 20, 2005

6.2 Emissions Description and Emissions Inventory

The following description and quantification of the emissions from each source at the University of Idaho is the results of the emissions analysis for the Tier I operating permit issued November 18, 2002. This analysis still holds true for this permitting action because this is Tier I Operating Permit Renewal that does not incorporate any changes of operation to the facility.

Wood-waste Boiler (S-B00)

Emissions estimates were originally provided in the July 24, 1995, Tier II permit application and the March 1996, Tier I (or Title V) permit application. The Tier I permit application was updated with an August 31, 1998 amendment to the application. These submittals, and the performance test reports for the wood-waste boiler, dated February 4, 1997 and March 23, 1998, provided the basis for the emissions rates.

Table 6.1: WOOD-WASTE BOILER (S-B00) INFORMATION

Boiler Part / Manufacturer for Emissions Unit S-B00	Model[a]	Design Rated Heat Input Capacity	Burner Type / Boiler Design	Control Device	Date Constructed or Last Modified
Furnace unit/ Solid Fuels, Inc.	Solid fuels Gasification type burner (stated as custom built – no model number)	95 MMBtu/hr[b]	Traveling grate	Multiclone	October 15, 1986
Steam boiler/ Nebraska	WTS-2-110 S-P-1 with economizer, without flyash re-injection	60,000 lb/hr[c]	Not applicable		

[a] Information taken from PTC application materials, dated February 6, 1986.

[b] The design-rated heat-input capacity of the boiler is inconclusive. The heat-input capacity is listed in Tier I permit application as 88.4 MMBtu/hr. The PTC application submitted in 1986 on behalf of the U of I by Solid Fuels, Inc., listed the furnace capacity at 88 MMBtu/hr. The boiler review conducted by Hal Burkitt Associates, per consent order requirements, listed the furnace heat input capacity as approximately 95 MMBtu/hr.

[c] The design-rated heat-input capacity of the boiler in units of pounds per hour of steam.

The hourly emissions rates in Table 6.2 were used in the Tier II permit to establish federally enforceable emissions limitations on the solid fuels wood-waste-fired boiler. They were derived using AP-42 and source test-based emissions factors at rated capacity plus 20%, which was included in the allowable emissions rates to provide for a margin of flexibility.

Table 6.2: WOOD-WASTE BOILER (S-B00) EMISSIONS RATES

SOURCE	PM		PM_{10}		SO_2		CO		NO_X		VOC	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
S-B00	13.79	60.42	17.24	75.52	0.82	3.58	37.44	163.99	16.35	71.63	2.40	10.51

Natural Gas Boilers (S-B0 and S-B4):

Table 6.3: NATURAL GAS BOILER INFORMATION

Boiler Identification and Manufacturer	Model	Rated Heat Input Capacity (MMBtu/hr)	Burner Type	Date Constructed or Last Modified
S-B0 – Cleaver-Brooks	DLD-76	82.5	Conventional	1975
S-B4 – Combustion Engineering	NB 242	42.9	Conventional	1958

Table 6.4: NATURAL GAS BOILERS EMISSIONS RATES

SOURCE	PM		PM_{10}		SO_2		CO		NO_X		VOC	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
S-B0	0.61	2.69	0.61	2.69	0.05	0.22	6.79	29.8	8.09	35.43	0.44	1.95
S-B4	0.32	1.40	0.32	1.40	0.03	0.13	3.53	15.5	4.21	18.42	0.23	1.01

These emissions rates were calculated using AP-42 emissions factors from Section 1.4, July 1998, for natural gas combustion. The emissions rates were estimated using the rated heat input capacity for each unit and unrestricted operating hours.

Diesel Generators (S-G01, S-G02, S-G03)

Table 6.5: DIESEL GENERATORS INFORMATION

Source/Location	Manufacturer and Model Number	Emissions Control and Pollutants Controlled
S-G01/Gibb Hall	Kohler Model No. 18 NA 3160	Uncontrolled
S-G02/Power Plant	Kohler Model No. 180ROZJ181	Uncontrolled
S-G03/McClure Hall	CAT Model No. 3412	Uncontrolled

Table 6.6: DIESEL EMERGENCY ELECTRICAL GENERATORS EMISSIONS RATES

SOURCE	PM		PM_{10}		SO_2		CO		NO_X		VOC	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
S-G01	1.15	1.03	1.15	1.03	1.07	0.97	3.52	3.16	16.32	14.69	1.33	1.20
S-G02	1.02	0.92	1.02	0.92	0.96	0.86	3.14	2.82	14.55	13.10	1.19	1.07
S-G03	1.46	1.31	1.46	1.31	1.36	1.23	4.47	4.02	20.73	18.66	1.69	1.52

The emissions rates in Table 6 were calculated using AP-42 emissions factors from Section 3.3, October 1996. The emissions rates were estimated using the rated heat input capacity for each unit and 1800 operating hours per year.

The emissions units listed above are included in this permitting project are the significant sources. The emissions rates from those sources are listed below in Table 6.7.

Table 6.7: EMISSIONS ESTIMATES SUMMARY[a] FOR SIGNIFICANT SOURCES

PM		PM_{10}		SO_2		CO		NO_X		VOC	
lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
18.94	67.86	22.39	82.87	4.34	6.99	65.36	219.49	87.96	171.93	7.70	17.26

[a] Summary of emissions from Tables 2, 4, and 6.

Other Emissions Units

Emissions were estimated for the rest of the sources at the facility. The other emissions units were primarily small units that consisted of hot water heaters and small boilers, internal combustion engines, and incinerators. The inventory reflects potential emissions. An assumption of 500 hours of operation was applied to the emergency electrical generators and all other sources were assumed to operate continuously (see Table 6.9 to review the emissions inventory for these sources). Table 6.8 contains the summary of the emissions from these sources. Table 6.9 contains a summary of the annual allowable emissions from the facility's combustion sources (Tables 6.7 and 6.8).

Facility Emissions Summary

Table 6.8: MISCELLANEOUS SOURCES EMISSIONS SUMMARY (T/yr)

PM	PM_{10}	SO_2	CO	NO_X	VOC
1.38	1.38	0.17	11.78	21.59	2.59

Table 9: FACILITY-WIDE ANNUAL POTENTIAL EMISSIONS SUMMARY[a] (T/yr)

PM	PM_{10}	SO_2	CO	NO_X	VOC
69.24	84.25	7.16	231.27	193.52	19.85

a. Summary of emissions from Tables 7and 8.

Table 6.9 UNIVERSITY OF IDAHO AIR EMISSIONS INVENTORY

SIGNIFICANT SOURCES	PM		PM_{10}		SO_2		CO		NO_X		VOC	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Solid Fuels wood-waste fired boiler (S-B00)	13.79	60.42	17.24	75.52	0.82	3.58	37.44	163.99	16.35	71.63	2.40	10.51
Cleaver-Brooks natural gas-fired boiler (S-B0)	0.61	2.69	0.61	2.69	0.05	0.22	6.79	29.8	8.09	35.43	0.44	1.95
Combustion Engineering natural gas-fired boiler (S-B4)	0.32	1.40	0.32	1.40	0.03	0.13	3.53	15.5	4.21	18.42	0.23	1.01
Electrical generator engine SG-01, Gibb Hall	1.15	1.03	1.15	1.03	1.07	0.97	3.52	3.16	16.32	14.69	1.33	1.20
Electrical generator engine SG-02, Power Plant	1.02	0.92	1.02	0.92	0.96	0.86	3.14	2.82	14.55	13.10	1.19	1.07
Electrical generator engine SG-03, McClure Hall	1.46	1.31	1.46	1.31	1.36	1.23	4.47	4.02	20.73	18.66	1.69	1.52
Total	18.94	67.86	22.39	82.87	4.34	6.99	65.36	219.49	87.96	171.93	7.70	17.26

Table 6.10 EMISSION TOTALS FOR OTHER SOURCES (T/yr)

NO_X	SO_2	PM/PM_{10}	CO	VOC
21.59	0.17	1.38	11.78	2.49

Table 6.11 FACILITY-WIDE ANNUAL POTENTIAL EMISSIONS SUMMARY (T/yr)

PM	PM_{10}	SO_2	CO	NO_X	VOC
69.24	84.25	7.16	231.27	193.52	19.85

7. REGULATORY ANALYSIS

7.1 IDAPA 58.01.01.313.03 – Renewal of Tier I Operating Permit

This permitting action is required by IDAPA 58.01.01.313.03 to renew the facilities existing Tier I Operation Permit. The application was submitted on May 18, 2007, which is greater that the required six months prior to the expiration date of the permit.

7.2 IDAPA 58.01.01.369 – Tier I Operating Permit Renewal

This permitting action is an operating permit renewal because of the pending expiration of the permit. Tier I operating permit renewals are subject to the requirements of IDAPA 58.01.01.369.

7.3 New Source Performance Standards (NSPS) – 40 CFR 60 & National Emission Standards for Hazardous Air Pollutants (NESHAPS) – 40 CFR Parts 61 & 63

This section is not applicable to the University of Idaho, see appendix B for regulatory applicability analysis.

7.4 Compliance Assurance Monitoring (CAM)– 40 CFR 64

40 CFR 64.1 .....Definitions

This section generally applies to the facility.

40 CFR 64.2 .....Applicability

In accordance with 40 CFR 64.2(a), this part applies to the facility because the solid fuels wood-waste-fired boiler is subject to part 40 CFR 70 and 71 permitting obligations and the facility is a major source. In accordance with 40 CFR 64.2(a)(1) and (2), the solid fuels wood-waste-fired boiler is subject to an emissions standard for PM_{10} and uses a multiclone as a control device to achieve compliance with the established emission standard. In accordance with 40 CFR 64.2(a)(3), without the multiclone, the solid fuels wood-waste-fired boiler has the potential to emit greater than 100% of the amount of PM_{10}, in tons per year, required for a source to be classified as a major source.

40 CFR 64.3 .....Monitoring design criteria

In accordance with 40 CFR 64.3(a)(1), the facility has specified that the differential pressure will be used as an indicator of performance for the multiclone unit. In accordance with 40 CFR 64.3(a)(2), the facility has specified, in accordance with manufacturer recommendations, that an operating pressure of greater than or equal to 1 and less than or equal to 6 inches of water column shall provide reasonable assurance of ongoing compliance with emission limitations. In accordance with 40 CFR 64.3(a)(2), the O&M manual for the multiclone unit will contain the maintenance schedule necessary to assure that the performance of the unit will be maintained so that the unit stays within the indicator range.

In accordance with 40 CFR 64.3(b), the facility has designed the monitoring to meet the performance criteria by specifying that differential pressure data will be manually recorded once per hour and a consecutive 24-hour rolling average will be calculated.

40 CFR 64.4 .....Submittal Requirements

In accordance with 40 CFR 64.4(a) the facility has satisfactorily identified the pressure differential as being the parameter to monitor for the above specified indicator range. The facility has justified the use of the differential pressure drop as an indicator for assurance of compliance based on 5-years of historical data and manufacturer recommendations in accordance with 40 CFR 64.4(b). In accordance with 40 CFR 64.4(c), the facility has specified that the operation pressure differential is consistently between 1 and 3 inches of water in the column, in their renewal application they have established that

performance testing will be conducted to assure that the manufacturer recommended indicator range will assure compliance for their system pursuant to 40 CFR 64.4(d).

40 CFR 64.5 .....Deadlines for Submittals

In accordance with this section, the facility has satisfied the deadline by submitting a CAM Plan during this Tier I Operating permit renewal.

40 CFR 64.6 .....Approval for Monitoring

Based on the CAM Plan submitted by the facility and on EPA guidance for CAM, permit conditions were written establishing the following:

- A Multiclone is required to be used to control PM emissions from the solid fuels wood-waste-fired boiler in accordance with 40 CFR 64.6(b).
- The definition of and exceedance and an excursion were provided, with the required action if an exceedance or excursion is detected.
- A requirement to submit reports in accordance with 40 CFR 64.9 was provided.

Table 7.1 Summary List of Tier I Permit Conditions Relative to CAM Requirement

Citation	CAM Requirements for Tier I Permit	Tier I Permit Requirement	Tier I Permit Condition(s)
40 CFR 64.6(c)(1)	Indicators to be monitored	Differential Pressure through the multiclone tube	3.9, 3.10
	Method of measuring the indicator	1) Hourly meter readings with consecutive 24-hour averaging. 2) Inspections	3.10
	Performance criteria for assessing indicators	Manufactures recommendations and O&M Manual	3.9
40 CFR 64.6(c)(20	Means of defining exceedances or excursions	Manufacturers recommendations and O&M Manual	3.10
	Level which constitutes an exceedance or excursion, or the means by which that level will be defined.	Any exceedance of Manufacturers recommendations and O&M Manual	3.9
	Averaging period associated with exceedances or excursions	Consecutive 24-hour rolling average	3.9
	Procedures for notifying DEQ of the establishment or reestablishment of any exceedance or excursion level	1) Semi-annual and Annual reporting requirements 2) Updated O&M Manual requirement	3.23
40 CFR 64.6(c)(3)	The obligation to conduct monitoring and satisfy the requirements of 40 CFR 64.7 through 64.9	Contained in monitoring requirements of Tier I permit	3.23
40 CFR 64.6(c)(4)	If appropriate, the minimum data availability requirement for valid data collection for each averaging period.	Not necessary for this permit	N/A
	If appropriate, the minimum data availability requirement for the averaging periods in a reporting period.	Not necessary for this permit	N/A

40 CFR 64.7 .....Operation of approved monitoring

In accordance with 40 CFR 64.7(a), the permittee shall conduct the continuous monitoring of the differential pressure drop through multiclone unit as required under this part upon issuance of a part 70 or 71 permit that includes such monitoring.

- In accordance with 40 CFR 64.7(b), at all times, the permittee shall maintain the differential pressure drop monitoring equipment.
- In accordance with 40 CFR 64.7(c), except for, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, calibration checks and required zero and span adjustments), the owner or operator shall conduct all monitoring data in accordance with Permit Condition 3.17. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of this part, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. 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.
- In accordance with 40 CFR 64.7(d), upon detecting a pressure differential excursion (as defined in Permit Condition 3.9), the owner or operator shall restore operation of the solid fuels wood-waste-fired boiler and associated multiclone to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include taking any necessary corrective actions to restore normal operation as specified in Permit Condition 3.10 and prevent the likely recurrence of the cause of an excursion.

  In accordance with 40 CFR 6437(d), determination of whether the owner or operator has used acceptable procedures in response to an excursion will be based on the information available, which may include but is not limited to , monitoring results, review of operations and maintenance procedures and records, and inspection of the control device, associated capture system and the process.
- In accordance with 40 CFR 64.7(e), after approval of monitoring under this part, if the owner or operator identifies a failure to achieve compliance with an emission limitation or standard for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the owner or operator shall promptly notify the permitting authority and, if necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.

40 CFR 64.8 .....Quality improvement plan (QIP) requirements

At this time A QIP is not required for the facility. Implementation of a QIP may be required by the Administrator or permitting authority at a later date and may be required for instances such as (but not limited to) accumulation of exceedances or excursions exceeding 5 percent duration of a pollutant-specific emissions unit's operating time for a reporting period, for requiring the implementation of a QIP. If a QIP should be required by the department the facility shall refer to 40 CFR 64.8(b) for development of a QIP. In accordance with 40 CFR 64.8(c), if a QIP is required the owner or operator shall develop and implement a QIP as expeditiously as practicable and shall notify the permitting authority if the period for completing the improvements exceeds 180 days from the date on which the need to implement was determined.

40 CFR 64.9 .....Reporting and recordkeeping requirements

The owner or operator shall submit monitoring reports in accordance with 40 CFR 70.6(a)(3)(iii).

8. PERMIT CONDITIONS

This section describes only the changes made to the permit as a result of this permitting action. Existing permit conditions are identified as "Existing Permit Conditions", and revised permit conditions are identified as "Revised Permit Conditions."

SOLID FUELS WOOD-WASTE-FIRED BOILER (S-B00)

8.1 Emission Unit Description

Table 8.1 Emission Unit Description

Source Description	Emissions Control
Wood-waste-fired boiler: S-B00 - Solid Fuels wood-waste-fired boiler Rated capacity - 60,000 pounds steam per hour	Multiclone unit

.

8.2 Existing Permit Conditions 3.6, 3.7, 3.13, and 3.13

Existing permit conditions 3.6, 3.7, 3.13, and 3.13 are permit condition that have been cited to meet the CAM requirements.

8.3 New Permit Conditions 3.8, 3.9, 3.10, and 3.19

Permit Condition 3.8, 3.9, 3.10, and 3.19 have been incorporated to apply CAM requirement in accordance with the submitted CAM plan in accordance with 40 CFR 64.2(a).

9. INSIGNIFICANT ACTIVITIES

Activities and emission units identified as insignificant under IDAPA 58.01.01.317.01(b) are listed in the Tier I operating permit to qualify for a permit shield.

Table 6.1 INSIGNIFICANT ACTIVITIES

Description	Insignificant Activities IDAPA 58.01.01.317.01(b)(i) Citation
Storage tanks less than 260 gallons storage capacity	1
Storage tanks containing VOC products less than 10,000 gallons storage capacity	3
Natural gas-fired emergency generators less than 5 MMBtu/hr heat input	5
Gasoline-fired emergency generator of less than 0.5 MMBtu/hr and fuel less than 1.0 weight percent sulfur	6
Biofuels test engines of less than 0.5 MMBtu/hr and fuel less than 1.0 weight percent sulfur	6
Small emergency generators	7
Printing and silk-screening activities	12
Water chlorination facilities less than 20 MMGal/day	16
Paint booths less than two gallons per day	17
Small boilers less than 5MMBtu/hr	18
Domestic hot water heaters less than 5 MMBtu/hr	18
Small space heating furnaces less than 5 MMBtu/hr	18

Smokehouses under twenty square feet	21
Treated wastewater effluent chlorination facility less than 1 MMGal/day	28
Incinerators	30
Indoor firing range	30
Gas storage area and gas cabinets	30
Indoor swimming pool	30
Space heating boiler – Holm Research Center	30
Space heating boiler – Dairy milk parlor/barn	30
Space heating boiler – Martin lab	30
Space heating boiler - Aquaculture Institute	30
Space heating boiler – Kibbie Dome	30
Space heating boiler – President's residence	30
Space heating boiler – Kibbie east end addition	30
Space heating boiler – Dairy milk parlor /barn	30
Space heating boiler – Campus police station	30
Space heating boiler – Targhee Hall	30
Space heating furnace – Holm Research Center – 3	30
Space heating furnace - Holm Research Canter – 4	30
Space heating furnace – Yard 1 storage	30
Space heating furnace – U of I Foundation Office	30
Space heating furnace – Meat lab/pavilion – 2	30
Space heating furnace – Targhee Hall	30
Space heating furnace – Business tech incubator	30
Space heating furnace - North Campus Center - 4	30
Space heating furnace – Human Resources	30
Space heating furnace – Industrial Education – 2	30
Space heating furnace – North Campus Center – 1	30
Space heating furnace – Motor pool/garage –2	30
Space heating furnace – Industrial Education – 7	30
Space heating furnace – Golf course club house	30
Space heating furnace - Meat lab/pavilion – 1	30
Space heating furnace – Industrial Education – 5	30
Space heating furnace – North Campus Center – 3	30
Space heating furnace – Golf course club house	30
Space heating furnace – Industrial Education – 4	30
Space heating furnace – Ag publications	30
Space heating furnace – Motor pool/garage - 3	30
Space heating furnace – Ag Engineering Office	30
Space heating furnace – Bookstore – 3	30
Space heating furnace – Aquaculture lab - 2	30
Space heating furnace – Hemo-Parasitic barn	30
Space heating furnace – North Campus Center - 3	30
Space heating furnace – Motor pool/garage – 4 (8 Units)	30
Space heating furnace – Sheep house	30
Space heating furnace – Family housing –2 (7 Units)	30
Space heating furnace – Business tech incubator	30
Space heating furnace – Industrial Education – 3	30
Space heating furnace – Bookstore – 2	30
Space heating furnace – North Campus Center – 5	30
Space heating furnace – Family housing - 3	30
Space heating furnace – Dairy house	30
Space heating furnace – Beef house	30
Space heating furnace – Business tech incubator (9 Units)	30
Space heating furnace – Bookstore – 1	30
Space heating furnace – Family housing group (108 Units)	30
Space heating furnace – Motor pool/garage –1	30
Space heating furnace – Domestic water system pump house	30
Space heating furnace – Aquaculture lab – 1	30
Space heating furnace – Industrial Education –1	30
Water heater - Kibbie east end addition	30
Water heater - Holm Research	30
Water heater - Meats lab – 1	30

Water heater - Meats lab – 2	30
Water heater – Targhee Hall	30
Water heater – Martin lab	30
Water heater – Dairy milking parlor	30
Water heater – President's residence	30
Water heater – Family housing (108 Units)	30
Incinerator burners – Life Science North	30
Incinerator burners – Holm Research	30
Emergency generator – College of Forestry	30
Emergency generator – Library	30
Emergency generator – Kibbie Dome	30
Emergency generator – Theophilus Tower	30
Emergency generator – Administration	30
Emergency generator – McConnell Hall	30
Emergency generator – Student Union Building	30
Emergency generator – Engineering/Physics	30
Biofuels test engines – Engineering Isotopes Lab (3 Engines)	30

9.1 There are no monitoring, recordkeeping, or reporting requirements for insignificant emission units or activities beyond those required in the Facility-wide Permit Conditions.

10. ALTERNATIVE OPERATING SCENARIOS

The facility did not request any alternative operating scenarios.

11. TRADING SCENARIOS

The facility did not request any trading scenarios.

12. PERMIT REVIEW

12.1 Regional Review of Draft Permit

DEQ provided the draft permit to Lewiston Regional Office on November 13, 2007. No Comments were received.

12.2 Facility Review of Draft Permit

DEQ provided the draft permit to the University of Idaho for its review on DATE. The facility provided written comments on the draft permit on December 6, 2007. Several discrepancies were identified including formatting and content. Comments were incorporated and a second facility draft was submitted to the facility for review. No comments were received.

12.3 Public Comment

DEQ provided the draft permit for public comment on December 18, 2007. The public comment period was provided from December 25, 2007 through January 23, 2008.

13. ACID RAIN PERMIT

This facility is not an affected facility as defined in 40 CFR 72 through 75; therefore, acid rain permit requirements do not apply.

14. REGISTRATION FEES

This facility is a major facility as defined by IDAPA 58.01.01.008.10; therefore, registration and registration fees in accordance with IDAPA 58.01.01.387 apply. The facility is in compliance with registration and registration fee requirements.

15. RECOMMENDATION

Based on the Tier I operating permit application and review of state rules and federal regulation, staff recommends that DEQ issue a Public Comment Draft Tier I Operating Permit No. T1-2007.0052 to the University of Idaho, Moscow. This permit renews the facility's existing Tier I operating permit and incorporates the applicable requirements 40 CFR 64, Continuous Assurance Monitoring for the solid fuels wood-waste-fired boiler multiclone. The permit will be made available for public comment as required by IDAPA 58.01.01.364. The project does not involve PSD permitting requirements.

MS/JP/hd Permit No. T1-2007.0082

Appendix A

University of Idaho
Moscow

Tier I Operating Permit No. T1-2007.0082

Facility ID No. 057-00025

AIRS Data Entry Form

17. AIRS/AFS DATA ENTRY FORM

AIRS/AFS FACILITY-WIDE CLASSIFICATION DATA ENTRY FORM

AIR PROGRAM POLLUTANT	SIP	PSD	NSPS (Part 60)	NESHAP (Part 61)	MACT (Part 63)	SM80	TITLE V	AREA CLASSIFICATION A-Attainment U-Unclassified N- Nonattainment
SO_2	B							U
NO_x	A							U
CO	A							U
PM_{10}	A							U
PT (Particulate)	A							
VOC	B							U
Total HAPs								
			APPLICABLE SUBPART					

A = Actual or potential emissions of a pollutant are above the applicable major source threshold. For NESHAP only, class "A" is applied to each pollutant which is below the 10 ton-per-year (T/yr) threshold, but which contributes to a plant total in excess of 25 T/yr of all NESHAP pollutants.

SM = Potential emissions fall below applicable major source thresholds if and only if the source complies with federally enforceable regulations or limitations.

B = Actual and potential emissions below all applicable major source thresholds.

C = Class is unknown.

ND = Major source thresholds are not defined (e.g., radionuclides).

NA = Not applicable as defined in IDAPA 58.01.01.579, constructed prior to baseline dates.

Appendix B

University of Idaho
Moscow

Tier I Operating Permit No. T1-2007.0082

Facility ID No. 057-00025

Regulatory Applicability Analysis

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
Yes	40 CFR 60.1 through 7 Subpart A	Standards of Performance for New Stationary Sources: Applicability, Definitions, Units and abbreviations, Address, Determination of construction or modification, Review of plans, Notification and recordkeeping.	Title 40 CFR 60.7 specifies excess emissions and monitoring systems performance reporting for continuous monitoring systems. Emitting Unit S-BA is required to operate with a COMS installed; therefore, this section and related general requirements and definitions sections are applicable. This regulation is specified in the existing operating permit, and continues to be applicable to this facility.
No	40 CFR 60.8	Standards of Performance for New Stationary Sources: Performance tests.	There are no emission units at the facility which are subject to NSPS regulation. Therefore, none of these requirements applies at this time.
No	40 CFR 60.9 through 12	Standards of Performance for New Stationary Sources: Availability of information and State authority, Compliance with standards and maintenance Requirements, Circumvention.	There are no emission units at the facility which are subject to NSPS regulation. Therefore, none of these requirements applies at this time.
Yes	40 CFR 60.13	Standards of Performance for New Stationary Sources: Monitoring requirements.	This provision invokes the requirements of Appendix B of 40 CFR 60. This facility is subject to those monitoring requirements, except as modified by permit or IDAPA 58.01.01.625.
No	40 CFR 60.14	Standards of Performance for New Stationary Sources: Modification.	This is an application for an operating permit renewal; therefore, this regulation does not apply at this time.
No	40 CFR 60.15	Standards of Performance for New Stationary Sources: Reconstruction.	This is an application for an operating permit renewal not reconstruction; therefore, this regulation does not apply at this time.
No	40 CFR 60.16	Standards of Performance for New Stationary Sources: Priority list.	This section provides a list of "Priority Major Source Categories." As such, the list is for EPA purposes and it contains no requirements applicable to U of I.
No	40 CFR 60.17	Standards of Performance for New Stationary Sources: Incorporation by Reference	This citation contains an incorporation by reference for various promulgated NSPS standards and test methods. There are no specific requirements for U of I.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 60.18	Standards of Performance for New Stationary Sources: Incorporations by reference, and General control device requirements.	The references and flare regulations are not applicable to this facility.
No	40 CFR 60.19	Standards of Performance for New Stationary Sources: General notification and reporting requirements.	This facility is not subject to any NSPS subpart; therefore, this regulation is not applicable to U of I.
No	40 CFR 60, Subpart B	Standards of Performance for New Stationary Sources: Adoption and Submittal of State Plans for Designated Facilities.	The provisions of this Subpart apply to States upon publication of a final guideline document under §60.22(a) and do not apply to this facility.
No	40 CFR 60, Subpart C	Standards of Performance for New Stationary Sources: Emissions Guidelines and Compliance Times.	This regulation only outlines the scope of Subpart C. This regulation contains no applicable requirements.
No	40 CFR 60, Subpart Ca, Cb, Cc, Cd	Standards of Performance for New Stationary Sources: Emission Guidelines and Compliance Times for Large Municipal Waste Combustors That are Constructed on or Before September 20, 1994, Municipal Solid Waste Landfills, Sulfuric Acid Production Units	This facility is not an "affected facility" as defined by subparts Cb, Cc and Cd. Section Ca is reserved.
Yes	40 CFR 60, Subpart Ce	Standards of Performance for New Stationary Sources: Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators.	This facility is exempted from the emissions requirements of this subpart by complying with the designated facilities exemption listed in Section 40 CFR 60.32e(b).
No	40 CFR 60, Subparts D and Da, Db	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971, Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	This facility does not meet the minimum heat input rates as defined by Subparts D and Da. Therefore, this facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart Dc	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	The boilers at the facility were all constructed before the applicability date of this subpart, therefore this facility is not an "affected facility" as defined by this subpart.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 60, Subparts E, Ea, Eb and Ec and ARM 17.8.340	Standards of Performance for Incinerators, Municipal Waste Combustors, Large Municipal Waste Combustors,and Hospital/Medical/Infectious Waste Incinerators.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart F and ARM 17.8.340	Standards of Performance for Portland Cement Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart G and ARM 17.8.340	Standards of Performance for Nitric Acid Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart H and ARM 17.8.340	Standards of Performance for Sulfuric Acid Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart I and ARM 17.8.340	Standards of Performance for Hot Mix Asphalt Facilities.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart J and ARM 17.8.340	Standards of Performance for Petroleum Refineries.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subparts K, Ka, Kb and ARM 17.8.340	Standards of Performance for Storage Vessels for Petroleum Liquids and Volatile Organic Liquid - Various Dates.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart L and ARM 17.8.340	Standards of Performance for Secondary Lead Smelters.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart M and ARM 17.8.340	Standards of Performance for Secondary Brass and Bronze Production Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subparts N, Na and ARM 17.8.340	Standards of Performance for Primary and Secondary Emissions from Basic Oxygen Process Furnaces and Steel-making Facilities.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart O and ARM 17.8.340	Standards of Performance for Sewage Treatment Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart P and ARM 17.8.340	Standards of Performance for Primary Copper Smelters.	This facility is not an "affected facility" as defined by this subpart.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 60, Subpart Q and ARM 17.8.340	Standards of Performance for Primary Zinc Smelters.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart R and ARM 17.8.340	Standards of Performance for Primary Lead Smelters.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart S and ARM 17.8.340	Standards of Performance for Primary Aluminum Reduction Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subparts T, U, V W, X and ARM 17.8.340	Standards of Performance for Phosphate Fertilizer Industry - various types of facilities.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart Y and ARM 17.8.340	Standards of Performance for Coal Preparation Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart Z and ARM 17.8.340	Standards of Performance for Ferroalloy Production Facilities.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subparts AA, AAa and ARM 17.8.340	Standards of Performance for Steel Plants: Electric Arc Furnaces - various dates.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart BB and ARM 17.8.340	Standards of Performance for Kraft Pulp Mills.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart CC and ARM 17.8.340	Standards of Performance for Glass Manufacturing Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart DD and ARM 17.8.340	Standards of Performance for Grain Elevators.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart EE and ARM 17.8.340	Standards of Performance for Surface Coating of Metal Furniture.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart FF	Reserved.	
No	40 CFR 60, Subpart GG and ARM 17.8.340	Standards of Performance for Stationary Gas Turbines.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart HH and ARM 17.8.340	Standards of Performance for Lime Manufacturing Plants.	This facility is not an "affected facility" as defined by this subpart.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 60, Subpart KK and ARM 17.8.340	Standards of Performance for Lead-Acid Battery Manufacturing Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart LL and ARM 17.8.340	Standards of Performance for Metallic Mineral Processing Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart MM and ARM 17.8.340	Standards of Performance for Automobile and Light-duty Truck Surface Coating Operations.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart NN and ARM 17.8.340	Standards of Performance for Phosphate Rock Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart PP and ARM 17.8.340	Standards of Performance for Ammonium Sulfate Manufacture.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart QQ and ARM 17.8.340	Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart RR and ARM 17.8.340	Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart SS and ARM 17.8.340	Standards of Performance for Industrial Surface Coating: Large Appliances.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart TT and ARM 17.8.340	Standards of Performance for Metal Coil Surface Coating.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart UU and ARM 17.8.340	Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart VV and ARM 17.8.340	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry (SOCMI).	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart WW and ARM 17.8.340	Standards of Performance for the Beverage Can Surface Coating Industry.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart XX and ARM 17.8.340	Standards of Performance for Bulk Gasoline Terminals.	This facility is not an "affected facility" as defined by this subpart.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 60, Subpart AAA and ARM 17.8.340	Standards of Performance for New Residential Wood Heaters.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart BBB and ARM 17.8.340	Standards of Performance for Rubber Tire Manufacturing Industry.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart CCC	Reserved.	
No	40 CFR 60, Subpart DDD and ARM 17.8.340	Standards of Performance for VOC Emissions from the Polymer Manufacturing Industry.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart EEE	Reserved.	
No	40 CFR 60, Subpart FFF and ARM 17.8.340	Standards of Performance for Flexible Vinyl and Urethane Coating and Printing.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart GGG and ARM 17.8.340	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart HHH and ARM 17.8.340	Standards of Performance for Synthetic Fiber Production Facilities.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart III and ARM 17.8.340	Standards of Performance for VOC Emissions from SOCMI Air Oxidation Unit Processes.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart JJJ and ARM 17.8.340	Standards of Performance for Petroleum Dry Cleaners.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart KKK and ARM 17.8.340	Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart LLL and ARM 17.8.340	Standards of Performance for Onshore Natural Gas Processing: SO_2 Emissions.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart MMM	Reserved.	
No	40 CFR 60, Subpart NNN and ARM 17.8.340	Standards of Performance for VOC Emissions from SOCMI Distillation Operations.	This facility is not an "affected facility" as defined by this subpart.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 60, Subpart OOO and ARM 17.8.340	Standards of Performance for Nonmetallic Mineral Processing Plants which commences construction, reconstruction, or modification after August 31, 1983 is subject to the requirements of this part.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart PPP and ARM 17.8.340	Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart QQQ and ARM 17.8.340	Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart RRR and ARM 17.8.340	Standards of Performance for VOC Emissions from SOCMI Reactor Processes.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart SSS and ARM 17.8.340	Standards of Performance for Magnetic Tape Coating Facilities.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart TTT and ARM 17.8.340	Standards of Performance for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart UUU and ARM 17.8.340	Standards of Performance for Calciners and Dryers in Mineral Industries.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart VVV and ARM 17.8.340	Standards of Performance for Polymeric Coating of Supporting Substrates Facilities.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart WWW and ARM 17.8.340	Standards of Performance for Municipal Solid Waste Landfills.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart AAAA and ARM 17.8.340	Standards of Performance for Small Municipal Waste Combustion Units for Which Construction is Commenced After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart BBBB and ARM 17.8.340	Emissions Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999	This facility is not an "affected facility" as defined by this subpart.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 60, Subpart CCCC and ARM 17.8.340	Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 or for Which Modification or Reconstruction is Commenced After June 1, 2001.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart DDDD and ARM 17.8.340	Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction on or Before November 30, 1999.	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Subpart GGGG	Reserved.	
No	40 CFR 60 Subpart HHHH	Emission Guidelines and Compliance Times for Coal-Fired Electric Steam Generating Units.	This facility is not an "affected facility" as defined by this subpart..
No	40 CFR 60 Subpart IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	The stationary CI ICE that this facility operates do not meet the date requirements of this subpart; therefore, these regulations do not apply.
No	40 CFR 60 Subpart JJJJ	Reserved	
No	40 CFR 60 Subpart KKKK	Subpart KKKK - Standards of Performance for Stationary Combustion Turbines	This facility is not an "affected facility" as defined by this subpart.
No	40 CFR 60, Appendix A	Standards of Performance for New Stationary Sources: Test Methods.	There are no emission units subject to NSPS at the facility; therefore, this regulation does not apply.
Yes	40 CFR 60, Appendix B	Standards of Performance for New Stationary Sources:, Performance Specifications.	This appendix defines performance specifications for continuous emission monitors. This facility operates a stack COMS, and these operations are subject to the performance specifications. This regulation is specified in the existing operating permit, and continues to be applicable to this facility.
No	40 CFR 60, Appendices C through D	Standards of Performance for New Stationary Sources: Determination of Emission Rate Change, Required Emission Inventory Information.	There are no emission units subject to NSPS at the facility; therefore, this regulation does not apply.
No	40 CFR 60, Appendix E	Reserved.	

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 60, Appendix F	Quality Assurance Procedures.	This appendix defines quality assurance procedures for continuous emission monitors. As the facility's COMS are not used to demonstrate compliance with an emission limit, Appendix F is not applicable.
No	40 CFR 60, Appendix G	Provisions for an Alternative Method of Demonstrating Compliance with 40 CFR 60.43 for Newton Power Station of Central Illinois Public Service Company.	These regulations are not applicable to this facility.
No	40 CFR 60, Appendix H	Reserved.	
No	40 CFR 60, Appendix I	Removable Label and Owner's Manual.	These regulations are not applicable to this facility.
Yes	40 CFR 61, Subpart A	National Emission Standards for Hazardous Air Pollutants: General Provisions.	This subpart spells out various conditions and requirements for Part 61 sources. This facility is subject to Subpart M; therefore, these requirements do apply.
No	40 CFR 61, Subpart B, and ARM 17.8.341	National Emission Standards for Radon Emissions from Underground Uranium Mines.	This facility is not a designated source under this subpart.
No	40 CFR 61, Subpart C, and ARM 17.8.341	National Emission Standards for Beryllium.	This facility is not a designated source under this subpart.
No	40 CFR 61, Subpart D, and ARM 17.8.341	National Emission Standards for Beryllium Rocket Motor Firing.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subpart E, and ARM 17.8.341	National Emission Standards for Mercury.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subpart F, and ARM 17.8.341	National Emission Standards for Vinyl Chloride.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subpart G	Reserved	
No	40 CFR 61, Subparts H and I and ARM 17.8.341	National Emission Standards for Radionuclides – from various federal facilities.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subpart J, and ARM 17.8.341	National Emission Standards for Equipment Leaks (Fugitive Emission Sources) of Benzene.	This facility is not a designated source for this pollutant category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 61, Subpart K and ARM 17.8.341	National Emission Standards for Radionuclides From Elemental Phosphorus Plants.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subpart L, and ARM 17.8.341	National Emission Standards for Benzene Emissions from Coke By-product Recovery Plants.	This facility is not a designated source for this pollutant category.
Yes	40 CFR 61, Subpart M	National Emission Standards for Asbestos.	This regulation is specified in the existing operating permit, and continues to be applicable to this facility should it undergo any demolition or renovation.
No	40 CFR 61, Subparts N, O, P and ARM 17.8.341	National Emission Standard for Inorganic Arsenic – Various.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subparts Q, R, T and ARM 17.8.341	National Emission Standards for Radon Emissions from Various Facilities.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subparts S and U	Reserved.	
No	40 CFR 61, Subpart V, and ARM 17.8.341	National Emission Standards for Equipment Leaks (Fugitive Emission Sources).	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subpart W, and ARM 17.8.341	National Emission Standards for Radon Emissions from Operating Mill Tailings.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subpart X	Reserved.	
No	40 CFR 61, Subparts Y and BB, and ARM 17.8.341	National Emission Standards for Benzene Emissions – from Benzene Storage Vessels, Benzene Transfer Operations.	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subparts Z, AA, and CC through EE	Reserved.	
No	40 CFR 61, Subpart BB	National Emission Standard for Benzene Emissions From Benzene Transfer Operations	This facility is not a designated source for this pollutant category.
No	40 CFR 61, Subpart FF	National Emission Standard for Benzene Waste Operations.	This facility is not a designated source for this pollutant category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 61, Appendices A through E	National Emission Standards for Hazardous Air Pollutants: Compliance Status Information, Test Methods, Quality Assurance Procedures, Methods for Estimating Radionuclide Emissions and Compliance Procedures Methods for Determining Compliance with Subpart I.	These appendices spell out various reporting and test methods, quality assurance procedures, emission estimations, and compliance methods for Part 61 affected sources. None of these regulations applies to U of I.
No	40 CFR 62	Approval and Promulgation of State Plans for Designated Facilities and Pollutants.	This facility is not listed as a designated facility in Subpart N – Idaho of this part.
No	40 CFR 63, Subpart A	National Emission Standards for Hazardous Air Pollutants for Source Categories: General Provisions.	This facility is not a major source of HAPS; therefore, these regulations do not apply
No	40 CFR 63, Subpart B	National Emission Standards for Hazardous Air Pollutants for Source Categories: Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act Sections, Sections 112(g) and 112(j).	This facility is not a major source of HAPS. These regulations do not apply.
No	40 CFR 63, Subpart C	National Emission Standards for Hazardous Air Pollutants for Source Categories: List of Hazardous Air Pollutants, Petitions Process, Lesser Quantity Designations, Source Category List.	These regulations include a list of HAPS that are deleted or redefined for this part, or apply to major sources of HAPS or to states.
No	40 CFR 63, Subparts D and E	National Emission Standards for Hazardous Air Pollutants for Source Categories: Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants, Approval of State Programs and Delegation of Federal Authorities.	These regulations do not apply to U of I.
No	40 CFR 63, Subpart F	National Emission Standards for Organic Hazardous Air Pollutants from the SOCMI Industry.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart G	National Emission Standards for Organic Hazardous Air Pollutants from the SOCMI Industry for Process Vents, Storage Vessels, Transfer Operations and Wastewater.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart H	National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks.	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart I	National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart J	National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart K	Reserved.	
No	40 CFR 63, Subpart L	National Emission Standards for Coke Oven Batteries.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart M	National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart N	National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart O	National Emission Standards for Hazardous Air Pollutants for Source Categories: Ethylene Oxide Emissions Standards for Sterilization Facilities.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart P	Reserved.	
No	40 CFR 63, Subpart Q	National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart R	National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations).	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart S	National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart T	National Emission Standards for Halogenated Solvent Cleaning.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart U	National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins.	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart V	Reserved.	
No	40 CFR 63, Subpart W	National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart X	National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart Y	National Emission Standards for Marine Tank Vessel Tank Loading Operations.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart Z	Reserved.	
No	40 CFR 63, Subpart AA	National Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart BB	National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizers Production Plants.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart CC	National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart DD	National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart EE	National Emission Standards for Magnetic Tape Manufacturing Operations.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart FF	Reserved.	
No	40 CFR 63, Subpart GG	National Emission Standards for Aerospace Manufacturing and Rework Facilities.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart HH	National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart II	National Emission Standards for Shipbuilding and Ship Repair (Surface Coating).	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart JJ	National Emission Standards for Wood Furniture Manufacturing Operations.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart KK	National Emission Standards for the Printing and Publishing Industry.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart LL	National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart MM	National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite and Stand-Alone Semichemical Pulp Mills.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart OO	National Emission Standards for Tanks – Level 1.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart PP	National Emission Standards for Containers.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart QQ	National Emission Standards for Surface Impoundments.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart RR	National Emission Standards for Individual Drain Systems.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart SS	National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart TT	National Emission Standards for Equipment Leaks – Control Level 1.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart UU	National Emission Standards for Equipment Leaks – Control Level 2 Standards.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart VV	National Emission Standards for Oil-Water Separators and Organic-Waste Separators.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart WW	National Emission Standards for Storage Vessels (Tanks) – Control Level 2.	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart XX	National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart YY	National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart ZZ through BBB	Reserved.	
No	40 CFR 63, Subpart CCC	National Emission Standards for Hazardous Air Pollutants for Steel Pickling – HCl Process Facilities and Hydrochloric Acid Regeneration Plants.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart DDD	National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart EEE	National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart FFF	Reserved.	
No	40 CFR 63, Subpart GGG	National Emission Standards for Pharmaceuticals Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart HHH	National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart III	National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart JJJ	National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart KKK	Reserved.	
No	40 CFR 63, Subpart LLL	National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry.	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart MMM	National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart NNN	National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart OOO	National Emission Standards for Hazardous Air Pollutant Emissions: Amino/Phenolic Resins.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart PPP	National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart QQQ	National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart RRR	National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart SSS	Reserved.	
No	40 CFR 63, Subpart TTT	National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart UUU	National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart VVV	National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart WWW	Reserved.	
No	40 CFR 63, Subpart XXX	National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart AAAA	National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills.	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart CCCC	National Emission Standards for Hazardous Air Pollutants: Manufacturing of Nutritional Yeast.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart DDDD	National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart EEEE	National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline).	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart FFFF	National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart GGGG	National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart HHHH	National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart IIII	National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart JJJJ	National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart KKKK	National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart MMMM	National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart NNNN	National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart OOOO	National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles.	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart PPPP	National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart QQQQ	National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart RRRR	National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart SSSS	National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart TTTT	National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart UUUU	National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart VVVV	National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart WWWW	National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart XXXX	National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart YYYY	National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart ZZZZ	National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart AAAAA	National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart BBBBB	National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing.	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart CCCCC	National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart DDDDD	National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters.	This facility is not a major source of HAPS. These regulations do not apply.
No	40 CFR 63, Subpart EEEEE	National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart FFFFF	National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart GGGGG	National Emission Standards for Hazardous Air Pollutants: Site Remediation.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart HHHHH	National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart IIIII	National Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell Chlor-Alkali Plants.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart JJJJJ	National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart KKKKK	National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart LLLLL	National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart MMMMM	National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations.	This facility is not an "affected source" for this category.

APPLICABLE REQUIREMENTS – Federal and Idaho Regulations

Applicable	Citation	Description	Comment
No	40 CFR 63, Subpart NNNNN	National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart OOOOO	Reserved.	
No	40 CFR 63, Subpart PPPPP	National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart QQQQQ	National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart RRRRR	National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart SSSSS	National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart TTTTT	National Emission Standards for Hazardous Air Pollutants for Primary Magnesium Refining.	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart UUUUU through CCCCCC	Reserved	
No	40 CFR 63, Subpart DDDDDD	National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart EEEEEE	National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart FFFFFF	National Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources	This facility is not an "affected source" for this category.
No	40 CFR 63, Subpart GGGGGG	National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources-Zinc, Cadmium, and Beryllium	This facility is not an "affected source" for this category.