



May 16, 2022

Elizabeth Pomo
Senior Environmental Health Scientist, Permitting Division
Air Quality Program, Environmental Health Department
P.O. Box 1293
Albuquerque, NM 87103

Email: epomo@cabq.gov

Subject: Response to Air Quality Construction Permit Application to Modify #1715-RV1 1st Administrative Incomplete Determination

Dear Ms. Pomo:

The following is the University of New Mexico's reapplication for revision of permit # 1715-RV1 Unit number 260-EG-1. The original application delivered on January 31, 2022 was deemed administratively incomplete. UNM was notified of this determination in a letter dated March 2, 2022. In response UNM has done the following:

1. An operational and maintenance plan that meets the requirements of 20.11.41.13.E.(5) NMAC is attached to this application.
2. A process flow diagram detailing how the unit will be used is attached.
3. We have recalculated VOC emissions and the information is enclosed.
4. We have recalculated PM2.5/10 lb/hr emissions and the information is enclosed.
5. A zoning verification from both the City of Albuquerque and County Planning Departments is enclosed.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Casey Hall', written over a light blue horizontal line.

Casey Hall
Director, Environmental Health and Safety
University of New Mexico

Enclosure: 1st reapplication for Air Quality Construction Permit Application to Modify #1715-RV1

MAY 16 PM 2:12



ENVIRONMENTAL HEALTH & SAFETY

1st Reapplication for Modification of ATC# 1715-RV1

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1. INTRODUCTION

The following is the University of New Mexico's application to modify ATC permit # 1715-RV1. The permit requires modification due to expansion of Pete and Nancy Domenici Hall. To facilitate the larger research and teaching footprint UNM wishes to replace the current natural gas-powered generator with a diesel-powered generator of larger size. Additionally, to support the added building footprint UNM will install an exempted 3MMBTU/hr boiler



2. CONSTRUCTION PERMIT APPLICATION CHECKLIST





City of Albuquerque Environmental Health Department Air Quality Program



Construction Permit (20.11.41 NMAC) Application Checklist

This checklist must be returned with the application

Any person seeking a new air quality permit, a permit modification, or an emergency permit under 20.11.41 NMAC (Construction Permits) shall do so by filing a written application with the Albuquerque-Bernalillo County Joint Air Quality Program, which administers and enforces local air quality laws for the City of Albuquerque ("City") and Bernalillo County ("County"), on behalf of the City Environmental Health Department ("Department").

The Department will rule an application administratively incomplete if it is missing or has incorrect information. The Department may require additional information that is necessary to make a thorough review of an application, including but not limited to technical clarifications, emission calculations, emission factor usage, additional application review fees if any are required by 20.11.2 NMAC, and new or additional air dispersion modeling.

If the Department has ruled an application administratively incomplete three (3) times, the Department will deny the permit application. Any fees submitted for processing an application that has been denied will not be refunded. If the Department denies an application, a person may submit a new application and the fee required for a new application. The applicant has the burden of demonstrating that a permit should be issued.

The following are the minimum elements that shall be included in the permit application before the Department can determine whether an application is administratively complete and ready for technical review. It is not necessary to include an element if the Department has issued a written waiver regarding the element and the waiver accompanies the application. However, the Department shall not waive any federal requirements.

At all times before the Department has made a final decision regarding the application, an applicant has a duty to promptly supplement and correct information the applicant has submitted in an application to the Department. The applicant's duty to supplement and correct the application includes but is not limited to relevant information acquired after the applicant has submitted the application and additional information the applicant otherwise determines is relevant to the application and the Department's review and decision. While the Department is processing an application, regardless of whether the Department has determined the application is administratively complete, if the Department determines that additional information is necessary to evaluate or make a final decision regarding the application, the Department may request additional information and the applicant shall provide the requested additional information.

NOTICE REGARDING PERMIT APPEALS: A person who has applied for or has been issued an air quality permit by the Department shall be an obligatory party to a permit appeal filed pursuant to 20.11.81 NMAC.

NOTICE REGARDING SCOPE OF A PERMIT: The Department's issuance of an air quality permit only authorizes the use of the specified equipment pursuant to the air quality control laws, regulations and conditions. Permits relate to air quality control only and are issued for the sole purpose of regulating the emission of air contaminants from said equipment. Air quality permits are not a general authorization for the location, construction and/or operation of a facility, nor does a permit authorize any particular land use or other form of land entitlement. It is the applicant's/permittee's responsibility to obtain all other necessary permits from the appropriate agencies, such as the City Planning Department or County Department of Planning and Development Services, including but not limited to site plan approvals, building permits, fire department approvals and the like, as may be required by law for the location, construction and/or operation of a facility. For more information, please visit the City Planning Department website at <https://www.cabq.gov/planning> and the County Department of Planning and Development Services website at <https://www.bernco.gov/planning>.

The Applicant shall:

20.11.41.13(A) NMAC – Pre-Application Requirements:

Item	Completed	NA ¹	Waived ²
(1) Request a pre-application meeting with the Department using the pre-application meeting request form.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) Attend the pre-application meeting. Date of Pre-application meeting: 1/24/2022	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Not Applicable
2. It is not necessary to include an element if the Department has issued a written waiver regarding the element and the waiver accompanies the application. However, the Department shall not waive any federal requirements.

20.11.41.13(B) NMAC – Applicant’s Public Notice Requirements:

Item	Included in Application	NA ¹	Waived ²
(1) Provide public notice in accordance with the regulation, including by certified mail or electronic copy to the designated representative(s) of the recognized neighborhood associations and recognized coalitions that are within one-half mile of the exterior boundaries of the property on which the source is or is proposed to be located.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Contact list of representative(s) of neighborhood associations and recognized coalitions cannot be more than three months old from the application submittal date.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Provide notice using the Notice of Intent to Construct form.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) In accordance with the regulation, post and maintain in a visible location a weather proof sign provided by the Department.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Not Applicable; For emergency permits, the public notice requirements in 20.11.41.24 NMAC shall apply instead.
2. It is not necessary to include an element if the Department has issued a written waiver regarding the element and the waiver accompanies the application. However, the Department shall not waive any federal requirements.

The Permit Application shall include:

20.11.41.13(E) NMAC – Application Contents

Item	Included In Application	NA ¹	Waived ²
(1) A complete permit application on the most recent form provided by the Department.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) The application form includes:			
a. The owner’s name, street and post office address, and contact information;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. The facility/ operator’s name, street address and mailing address, if different from the owner;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. The consultant’s name, and contact information, if applicable;	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. All information requested on the application form is included (i.e., the form is complete).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) Date application is submitted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) Sufficient attachments for the following:			
a. Ambient impact analysis using an atmospheric dispersion model approved by the U.S. Environmental Protection Agency, and the Department to demonstrate compliance with the applicable ambient air quality standards. See 20.11.01 NMAC. If you are modifying an existing source, the modeling must include the	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Item	Included In Application	NA ¹	Waived ²
emissions of the entire source to demonstrate the impact the new or modified source(s) will have on existing plant emissions.			
b. The air dispersion model has been executed pursuant to a protocol that was approved in advance by the Department.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Air dispersion modeling approved protocol date:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Basis or source for each emission rate (including manufacturer's specification sheet, AP-42 section sheets, test data, or corresponding supporting documentation for any other source used).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. All calculations used to estimate potential emission rates and controlled/proposed emissions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Basis for the estimated control efficiencies and sufficient engineering data for verification of the control equipment operation, including if necessary, design, drawing, test report and factors which affect the normal operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Fuel data for each existing and/or proposed piece of fuel burning equipment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Anticipated maximum production capacity of the entire facility and the requested production capacity after construction and/or modification.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Stack and exhaust gas parameters for all existing and proposed emission stacks.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(5) An operational and maintenance strategy detailing:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. steps the applicant will take if a malfunction occurs that may cause emission of a regulated air contaminant to exceed a limit that is included in the permit;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. the nature of emission during routine startup or shutdown of the source and the source's air pollution control equipment; and	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. the steps the application will take to minimize emissions during routine startup or shutdown.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(6) A map, such as a 7.5' -topographic quadrangle map published by the U.S. Geological Survey or a map of equivalent or greater scale, detail, and precision, including a City or County zone atlas map that shows the proposed location of each process equipment unit involved in the proposed construction, modification, or operation of the source, as applicable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(7) An aerial photograph showing the proposed location of each process equipment unit involved in the proposed construction, modification, relocation or technical revision of the source except for federal agencies or departments involved in national defense or national security as confirmed and agreed by the Department in writing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(8) A complete description of all sources of regulated air contaminants and a process flow diagram depicting the process equipment unit or units at the facility, both existing and proposed, that are proposed to be involved in routine operations and from which regulated air contaminant emissions are expected to be emitted.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(9) A full description of air pollution control equipment, including all calculations and the basis for all control efficiencies presented, manufacturer's specifications sheets, and site layout and assembly drawings; UTM (universal transverse mercator) coordinates shall be used to identify the location of each emission unit.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(10) A description of the equipment or methods proposed by the applicant to be used for emission measurement.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(11) The maximum and normal operating time schedules of the source after completion of construction or modification, as applicable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(12) Any other relevant information as the Department may reasonably require, including without limitation:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Applicants shall provide documentary proof that the proposed air quality permitted use of the facility's subject property is allowed by the zoning designation of the City or County zoning laws, as applicable. Sufficient documentation includes: (i) a zoning certification from the City Planning Department or County Department of Planning and Development Services, as applicable, if the property is subject to City or County zoning jurisdiction; or (ii) a zoning verification from both planning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Item	Included In Application	NA ¹	Waived ²
departments if the property is not subject to City or County zoning jurisdiction. ³ A zone atlas map shall not be sufficient.			
(13) The signature of the applicant, operator, owner or an authorized representative, certifying to the accuracy of all information as represented in the application and attachments, if any.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(14) A check or money order for the appropriate application fee or fees required by 20.11.2 NMAC (Fees).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. *Not Applicable*

2. *It is not necessary to include an element if the Department has issued a written waiver regarding the element and the waiver accompanies the application. However, the Department shall not waive any federal requirements.*

3. *For emergency permit applications, applicants are not required to submit documentation for the subject property's zoning designation.*

3. PRE-PERMIT APPLICATION MEETING





Pre-Permit Application Meeting Request Form

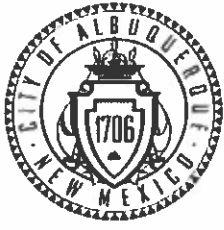
Air Quality Program- Environmental Health Department

Please complete appropriate boxes and email to aqd@cabq.gov or mail to:

Environmental Health Department
Air Quality Program
P.O. Box 1293
Room 3047
Albuquerque, NM 87103

Name:	Casey Hall
Company/Organization:	University of New Mexico
Point of Contact: (phone number and email): Preferred form of contact (circle one): Phone E-mail	Phone: 315-885-8683 Email: cbhall4@unm.edu
Preferred meeting date/times:	1/21/22 @ 9AM, 1/24/22 before 10AM, 1/25/22 before 11AM
Description of Project:	Replacement of Generator with larger unit using diesel and addition of 3 rd boiler rated at 3 MMBTU on permit # 1715-RV1

City of Albuquerque- Environmental Health Department
Air Quality Program- Permitting Section
Phone: (505) 768-1972 Email: aqd@cabq.gov



City of Albuquerque

Environmental Health Department

Air Quality Program



Pre-Permit Application Meeting Checklist

Any person seeking a permit under 20.11.41 NMAC, Authority-to-Construct Permits, shall do so by filing a written application with the Department. Prior to submitting an application, the applicant shall contact the department in writing and request a pre-application meeting for information regarding the contents of the application and the application process. This checklist is provided to aid the applicant and **a copy must be submitted with the application.**

Applications that are ruled incomplete because of missing information will delay any determination or the issuance of the permit. The Department reserves the right to request additional relevant information prior to ruling the application complete in accordance with 20.11.41 NMAC.

Name: Casey Hall
Contact: 315-885-8683_cbhall4@unm.edu
Company/Business: UNM

Fill out and submit a Pre-Permit Application Meeting Request form
⇒ Available online at <http://www.cabq.gov/airquality>

Emission Factors and Control Efficiencies
Notes:

Emissions factors provided by manufacturer

Air Dispersion modeling guidelines and protocol
Notes:

None

Department Policies
Notes:

Use the full application

Air quality permit fees
Notes:
\$2,135

Ver. 11/13

Public notice requirements

- Replacement Part 41 Implementation
 - 20.11.41.13 B. Applicant's public notice requirements
 - Providing public notice to neighborhood association/coalitions
 - Neighborhood association: _____
 - Coalition: _____
 - Notes: _____

List we have will stay the same if submitted this month

- Posting and maintaining a weather-proof sign
Notes:

On construction fence

Regulatory timelines

- 30 days to rule application complete
- 90 days to issue completed permit
- Additional time allotted if there is significant public interest and/or a significant air quality issue
 - Public Information Hearing
 - Complex permitting action

Notes:

None

4. PUBLIC NOTICE REQUIREMENTS





Timothy M. Keller,
Mayor

Public Participation

List of Neighborhood Associations and Neighborhood Coalitions MEMORANDUM

To: Casey Hall, Director
Environmental Health and Safety, University of New Mexico

From: Elizabeth Pomo, Environmental Health Scientist
Environmental Health Department, City of Albuquerque

Subject: Determination of Neighborhood Associations and Coalitions
within 0.5 mile of the University of New Mexico property in Bernalillo County, NM

Date: January 14, 2022

DETERMINATION:

On January 14, 2022 I used the City of Albuquerque Zoning Advanced Map Viewer (<http://coagisweb.cabq.gov/>) to verify which City of Albuquerque Neighborhood Associations (NA), Homeowner Associations (HOA) and Neighborhood Coalitions (NC) are located within 0.5 mile of the University of New Mexico property in Bernalillo County, NM.

I then used the City of Albuquerque Office (COA) of Neighborhood Coordination's Monthly Master NA List dated January 2022 Excel file to determine the contact information for each NA and NC located within 0.5 mile of the University of New Mexico property in Bernalillo County, NM.

The table below contains the contact information, which will be used in the City of Albuquerque Environmental Health Department's public notice. Duplicates have been deleted.

COA/BC Association or Coalition	Name	Email or Mailing Address*
Campus Neighborhood Association	Calvin Martin Sara Osborne Association Email	calmartin93@gmail.com ; saralosborne@gmail.com ; campus.neighborhood.assoc@gmail.com ;
District 6 of Coalitions	Patricia Wilson Mandy Warr	info@willsonstudio.com ; mandy@theremedyspa.com ;
Nob Hill Neighborhood Association	Jeff Hoehn Gary Eyster Association Email	jeffh@clnabq.org ; meyster1@me.com ; theboard@nobhill-nm.com ;
North Campus Neighborhood Association	Tim Davis Sara Koplik Association Email	tdavisnm@gmail.com ; sarakoplik@hotmail.com ; northcampusna@gmail.com ;
Silver Hill Neighborhood Association	Don McIver James Montalban Association Email	dbodinem@gmail.com ; ja.montalbano@gmail.com ; silverhillabq@gmail.com ;
Southeast Heights Neighborhood Association	Pete Belletto John Pate	pmbdoc@yahoo.com ; jpate@molzencorbin.com ;



Timothy M. Keller,
Mayor

Public Participation

List of Neighborhood Associations and Neighborhood Coalitions MEMORANDUM

Spruce Park Neighborhood Association	Bart Cimenti John Cochran	bartj505@gmail.com ; jrcochr@gmail.com ;
Summit Park Neighborhood Association	Joan Marie Hart Elisha Allen	jmhartnm@gmail.com ; elisha.allen@gmail.com ;
Sycamore Neighborhood Association	Richard Vigliano Mardon Gardella	richard@vigliano.net ; mg411@q.com ;
University Heights Neighborhood Association	Julie Kidder Don Hancock Association Email	juliemkidder@gmail.com ; sricdon@earthlink.net ; info@uhanm.org ;

**If email address is not listed, provide public notice via certified mail and include a copy of each mail receipt with the application submittal.*

SUBJECT: Public Notice of Proposed Air Quality Construction Permit Application

Dear Neighborhood Association/Coalition Representative(s),

Why did I receive this public notice?

You are receiving this notice in accordance with New Mexico Administrative Code (NMAC) 20.11.41.13.B(1) which requires any applicant seeking an Air Quality Construction Permit pursuant to 20.11.41 NMAC to provide public notice by certified mail or electronic mail to the designated representative(s) of the recognized neighborhood associations and recognized coalitions that are within one-half mile of the exterior boundaries of the property on which the source is or is proposed to be located.

What is the Air Quality Permit application review process?

The City of Albuquerque, Environmental Health Department, Air Quality Program (Program) is responsible for the review and issuance of Air Quality Permits for any stationary source of air contaminants within Bernalillo County. Once the application is received, the Program reviews each application and rules it either complete or incomplete. Complete applications will then go through a 30-day public comment period. Within 90 days after the Program has ruled the application complete, the Program shall issue the permit, issue the permit subject to conditions, or deny the requested permit or permit modification. The Program shall hold a Public Information Hearing pursuant to 20.11.41.15 NMAC if the Director determines there is significant public interest and a significant air quality issue is involved.

What do I need to know about this proposed application?

Applicant Name	University of New Mexico
Site or Facility Name	Pete and Nancy Domenici Hall, ISUBI expansion
Site or Facility Address	1101 Yale Blvd. NE
New or Existing Source	EXISTING
Anticipated Date of Application Submittal	1/31/2021
Summary of Proposed Source to Be Permitted	The application is to replace the current 900HP natural gas fired engine coupled to a generator with a new 1102HP, EPA Tier II emission certified, diesel fired internal combustion engine coupled to a 750 kW emergency electrical generator. The application seeks to restrict the unit to 200 hours per year of operation. The purpose of the unit is to provide emergency backup electrical power in the case of the unavoidable loss of commercial power. The application modifies existing Construction Permit #1715-RV1.

What emission limits and operating schedule are being requested?

See attached Notice of Intent to Construct form for this information.

How do I get additional information regarding this proposed application?

For inquiries regarding the proposed source, contact:

- Casey Hall
- Cbhall4@unm.edu
- 505-277-0305

For inquiries regarding the air quality permitting process, contact:

- City of Albuquerque Environmental Health Department Air Quality Program
- aqd@cabq.gov
- (505) 768-1972

NOTICE FROM THE APPLICANT

Notice of Intent to Apply for Air Quality Construction Permit

You are receiving this notice because the New Mexico Air Quality Control Act (20.11.41.13B NMAC) requires any owner/operator proposing to construct or modify a facility subject to air quality regulations to provide public notice by certified mail or electronic mail to designated representatives of recognized neighborhood associations and coalitions within 0.5-mile of the property on which the source is or is proposed to be located.

This notice indicates that the owner/operator intends to apply for an Air Quality Construction Permit from the Albuquerque – Bernalillo County Joint Air Quality Program. Currently, no application for this proposed project has been submitted to the Air Quality Program. Applicants are required to include a copy of this form and documentation of mailed notices with their Air Quality Construction Permit Application.

Proposed Project Information

**Applicant's name
and address:**

*Nombre y domicilio del
solicitante:*

University of New Mexico, | University of New Mexico Albuquerque, NM 87131

**Owner / operator's
name and address:**

*Nombre y domicilio del
propietario u operador:*

University of New Mexico, Pete and Nancy Domenici Hall 1101 Yale Blvd. NE 87106

Contact for comments and inquires:

Datos actuales para comentarios y preguntas:

Name (*Nombre*): Casey Hall

Address (*Domicilio*): | University of New Mexico MSC07 4100 Albuquerque, NM 87131

Phone Number (*Número Telefónico*): 505-277-0305

E-mail Address (*Correo Electrónico*): cbhall4@unm.edu

Actual or estimated date the application will be submitted to the department:

Fecha actual o estimada en que se entregará la solicitud al departamento: 1/31/2022

Description of the source:

Descripción de la fuente: Diesel Fired 1102 HP Emergency Generator

**Exact location of the source
or proposed source:**

*Ubicación exacta de la fuente o
fuente propuesta:*

UTM Coordinates 352200E, 3884700N

Nature of business:

Tipo de negocio: Higher Education

**Process or change for which the
permit is requested:**

*Proceso o cambio para el cuál se solicita el
permiso:*

Increase in HP and change from Natural Gas to Diesel

Maximum operating schedule:

Horario máximo de operaciones: 200 HR/Yr

Normal operating schedule:

Horario normal de operaciones: Intermittent when there is a loss of commercial power.

Preliminary estimate of the maximum quantities of each regulated air contaminant the source will emit:
Estimación preliminar de las cantidades máximas de cada contaminante de aire regulado que la fuente va a emitir:

Air Contaminant <i>Contaminante de aire</i>	Proposed Construction Permit <i>Permiso de Construcción Propuesto</i>		Net Changes (for permit modification or technical revision) <i>Cambio Neto de Emisiones</i> <i>(para modificación de permiso o revisión técnica)</i>	
	pounds per hour <i>libras por hora</i>	tons per year <i>toneladas por año</i>	pounds per hour <i>libras por hora</i>	tons per year <i>toneladas por año</i>
CO	1.21	0.12	-20.50	-2.05
NOx	9.64	0.96	-12.07	-1.21
VOC	0.22	0.02	-0.02	-0.02
SO2	0.24	0.02	0.24	0.02
PM10	0.24	0.02	0.17	0.02
PM2.5	0.24	0.02	0.17	0.02
HAP	N/A	N/A	N/A	N/A

Questions or comments regarding this Notice of Intent should be directed to the Applicant. Contact information is provided with the Proposed Project Information on the first page of this notice. To check the status of an Air Quality Construction Permit application, call 311 and provide the Applicant's information, or visit www.cabq.gov/airquality/air-quality-permits.

The Air Quality Program will issue a Public Notice announcing a 30-day public comment period on the permit application for the proposed project when the application is deemed complete. The Air Quality Program does not process or issue notices on applications that are deemed incomplete. More information about the air quality permitting process is attached to this notice.

Air Quality Construction Permitting Overview

This is the typical process to obtain an Air Quality Construction Permit for Synthetic Minor and Minor sources of air pollution from the Albuquerque – Bernalillo County Joint Air Quality Program.

Step 1: Pre-application Meeting: The Applicant and their consultant must request a meeting with the Air Quality Program to discuss the proposed action. If air dispersion modeling is required, Air Quality Program staff discuss the modeling protocol with the Applicant to ensure that all proposed emissions are considered.

Notice of Intent from the Applicant: Before submitting their application, the Applicant is required to notify all nearby neighborhood associations and interested parties that they intend to apply for an air quality permit or modify an existing permit. The Applicant is also required to post a notice sign at the facility location.

Step 2: Administrative Completeness Review and Preliminary Technical Review: The Air Quality Program has 30 days from the day the permit is received to review the permit application to be sure that it is administratively complete. This means that all application forms must be signed and filled out properly, and that all relevant technical information needed to evaluate any proposed impacts is included. If the application is not complete, the permit reviewer will return the application and request more information from the Applicant. Applicants have three opportunities to submit an administratively complete application with all relevant technical information.

Public Notice from the Department: When the application is deemed complete, the Department will issue a Public Notice announcing a 30-day public comment period on the permit application. This notice is distributed to the same nearby neighborhood associations and interested parties that the Applicant sent notices to, and published on the Air Quality Program's website.

During this 30-day comment period, individuals have the opportunity to submit written comments expressing their concerns or support for the proposed project, and/or to request a Public Information Hearing. If approved by the Environmental Health Department Director, Public Information Hearings are held after the technical analysis is complete and the permit has been drafted.

Step 3: Technical Analysis and Draft Permit: Air Quality Program staff review all elements of the proposed operation related to air quality, and review outputs from advanced air dispersion modeling software that considers existing emission levels in the area surrounding the proposed project, emission levels from the proposed project, and meteorological data. The total calculated level of emissions is compared to state and federal air quality standards and informs the decision on whether to approve or deny the Applicant's permit.

Draft Permit: The permit will establish emission limits, standards, monitoring, recordkeeping, and reporting requirements. The draft permit undergoes an internal peer review process to determine if the emissions were properly evaluated, permit limits are appropriate and enforceable, and the permit is clear, concise, and consistent.

Public Notice from the Department: When the technical analysis is complete and the permit has been drafted, the Department will issue a second Public Notice announcing a 30-day public comment period on the technical analysis and draft permit. This second Public Notice, along with the technical analysis documentation and draft permit, will be published on the Air Quality Program's website, and the public notice for availability of the technical analysis and draft permit will only be directly sent to those who requested further information during the first comment period.

Air Quality Construction Permitting Overview

During this second 30-day comment period, residents have another opportunity to submit written comments expressing their concerns or support for the proposed project, and/or to request a Public Information Hearing.

Possible Public Information Hearing: The Environmental Health Department Director may decide to hold a Public Information Hearing for a permit application if there is significant public interest and a significant air quality issue. If a Public Information Hearing is held, it will occur after the technical analysis is complete and the permit has been drafted.

Step 4: Public Comment Evaluation and Response: The Air Quality Program evaluates all public comments received during the two 30-day public comment periods and Public Information Hearing, if held, and updates the technical analysis and draft permit as appropriate. The Air Quality Program prepares a response document to address the public comments received, and when a final decision is made on the permit application, the comment response document is published on the Air Quality Program's website and distributed to the individuals who participated in the permit process. If no comments are received, a response document is not prepared.

Step 5: Final Decision on the Application: After public comments are addressed and the final technical review is completed, the Environmental Health Department makes a final decision on the application. If the permit application meets all applicable requirements set forth by the New Mexico Air Quality Control Act and the federal Clean Air Act, the permit is approved. If the permit application does not meet all applicable requirements, it is denied.

Notifications of the final decision on the permit application and the availability of the comment response document is published on the Air Quality Program's website and distributed to the individuals who participated in the permit process.

The Department must approve a permit application if the proposed action will meet all applicable requirements and if it demonstrates that it will not result in an exceedance of ambient air quality standards. Permit writers are very careful to ensure that estimated emissions have been appropriately identified or quantified and that the emission data used are acceptable.

The Department must deny a permit application if it is deemed incomplete three times, if the proposed action will not meet applicable requirements, if estimated emissions have not been appropriately identified or quantified, or if the emission data are not acceptable for technical reasons.

For more information about air quality permitting, visit www.cabq.gov/airquality/air-quality-permits

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 8:17 AM
To: calmartin93@gmail.com; saralosborne@gmail.com; campus.neighborhood.assoc@gmail.com
Subject: Public Notice of Proposed Air Quality Permit Application
Attachments: Notice of Intent 03152021 (1).pdf; Applicant Public Notice Cover Letter.pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him/His)
Director
Environmental Health and Safety
University of New Mexico
cbhall4@unm.edu
(315) 885-8683

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:25 AM
To: info@willsonstudio.com; mandy@theremedyspa.com
Subject: Public Notice of Proposed Air Quality Construction Permit Application - District 6
Attachments: Notice of Intent 03152021 (1).pdf; Applicant Public Notice Cover Letter.pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:34 AM
To: 'jeffh@cnabq.org'; 'meyster1@me.com'; 'theboard@nobhill-nm.com'
Subject: Public Notice of Proposed Air Quality Construction Permit - Nob Hill
Attachments: Applicant Public Notice Cover Letter.pdf; Notice of Intent 03152021 (1).pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:40 AM
To: tdavisnm@gmail.com; sarakoplik@hotmail.com; northcampusna@gmail.com
Subject: Public Notice of Proposed Air Quality Construction Permit - North Campus
Attachments: Applicant Public Notice Cover Letter.pdf; Notice of Intent 03152021 (1).pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:43 AM
To: 'pmbdoc@yahoo.com'; 'jpate@molzencorbin.com'
Subject: Public Notice of Proposed Air Quality Construction Permit - SE Heights
Attachments: Applicant Public Notice Cover Letter.pdf; Notice of Intent 03152021 (1).pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:42 AM
To: 'dbodinem@gmail.com'; 'ja.montalbano@gmail.com'; 'silverhillabq@gmail.com'
Subject: Public Notice of Proposed Air Quality Construction Permit - Silver Hill
Attachments: Applicant Public Notice Cover Letter.pdf; Notice of Intent 03152021 (1).pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:46 AM
To: bartj505@gmail.com; jrcochr@gmail.com
Subject: Public Notice of Proposed Air Quality Construction Permit - Spruce Park
Attachments: Applicant Public Notice Cover Letter.pdf; Notice of Intent 03152021 (1).pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:47 AM
To: 'jmhartnm@gmail.com'; 'elisha.allen@gmail.com'
Subject: Public Notice of Proposed Air Quality Construction Permit - Nob Hill
Attachments: Applicant Public Notice Cover Letter.pdf; Notice of Intent 03152021 (1).pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu

Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:48 AM
To: 'richard@vigliano.net'; 'mg411@q.com'
Subject: Public Notice of Proposed Air Quality Construction Permit - Sycamore
Attachments: Applicant Public Notice Cover Letter.pdf; Notice of Intent 03152021 (1).pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu

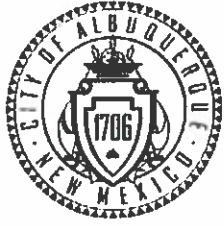
Casey Hall

From: Casey Hall
Sent: Friday, January 28, 2022 9:49 AM
To: 'juliemkidder@gmail.com'; 'sricdon@earthlink.net'; 'info@uhanm.org'
Subject: Public Notice of Proposed Air Quality Construction Permit - University
Attachments: Applicant Public Notice Cover Letter.pdf; Notice of Intent 03152021 (1).pdf

Good Morning,

Please see the attached documents detailing UNM's application for air quality construction permit.

Best Regards,
Casey B. Hall (He/Him)
Director
Environmental Health and Safety
The University of New Mexico
Phone (505) 277-0305
Cell (315) 885-8683
Fax (505) 277-9006
Email cbhall4@unm.edu



City of Albuquerque

Environmental Health Department

Air Quality Program



Public Notice Sign Guidelines

Any person seeking a permit under 20.11.41 NMAC, Authority-to-Construct Permits, shall do so by filing a written application with the Department. *Prior to submitting an application, the applicant shall post and maintain a weather-proof sign provided by the department. The applicant shall keep the sign posted until the department takes final action on the permit application; if an applicant can establish to the department's satisfaction that the applicant is prohibited by law from posting, at either location required, the department may waive the posting requirement and may impose different notification requirements. A copy of this form must be submitted with your application.*

Applications that are ruled incomplete because of missing information will delay any determination or the issuance of the permit. The Department reserves the right to request additional relevant information prior to ruling the application complete in accordance with 20.11.41 NMAC.

Name: _____
Contact: cbhall4@unm.edu (315) 885-8683
Company/Business: University of New Mexico

The sign must be posted at the more visible of either the proposed or existing facility entrance (or, if approved in advance and in writing by the department, at another location on the property that is accessible to the public)

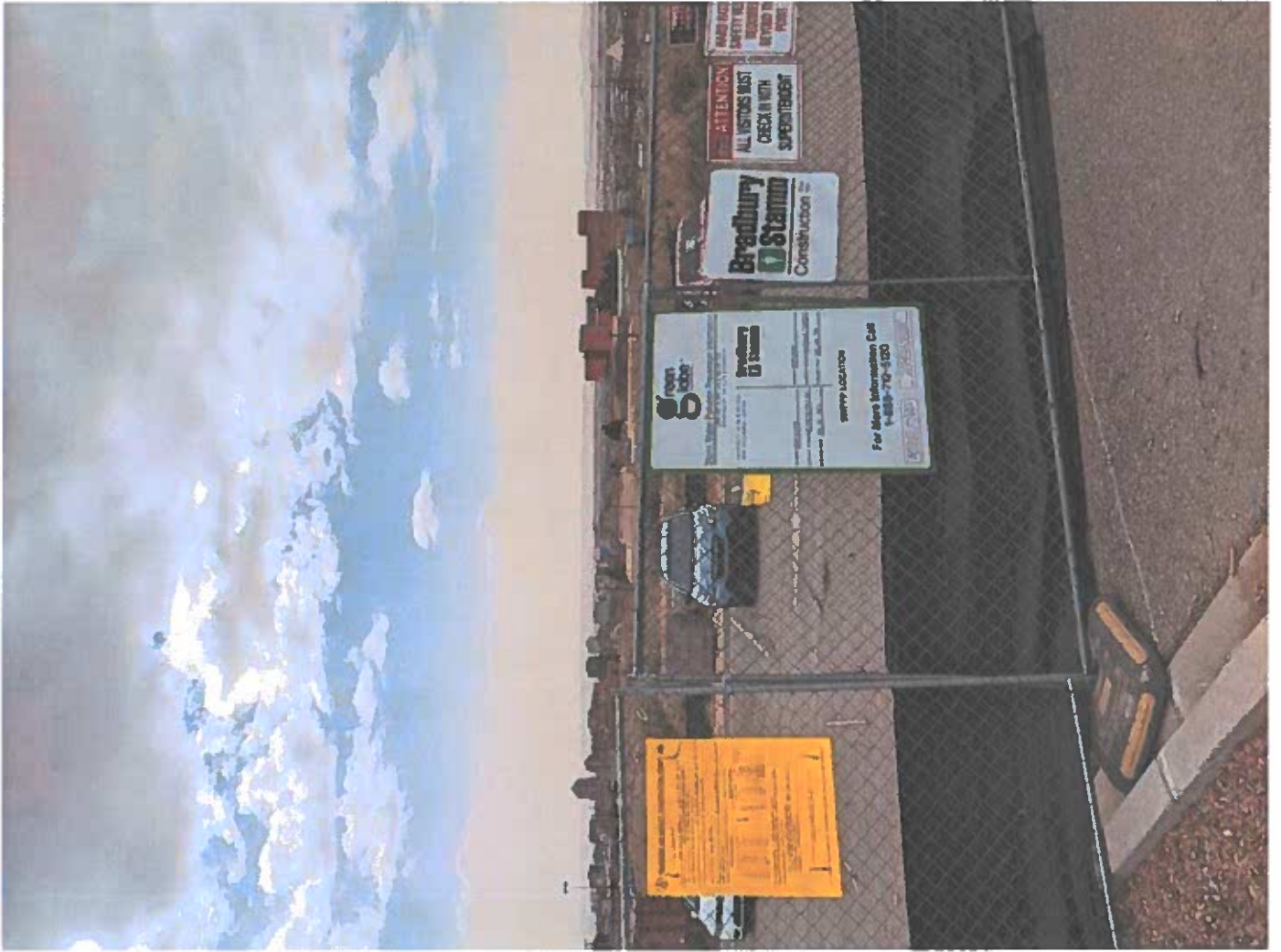
The sign shall be installed and maintained in a condition such that members of the public can easily view, access, and read the sign at all times.

The lower edge of the sign board should be mounted a minimum of 2' above the existing ground surface to facilitate ease of viewing

Attach a picture of the completed, properly posted sign to this document

Check here if the department has waived the sign posting requirement.

Alternative public notice details:



5. PERMIT APPLICATION FORM





**City of Albuquerque – Environmental Health Department
Air Quality Program**

Please mail this application to **P.O. Box 1293, Albuquerque, NM 87103**
or hand deliver between 8:00 am – 5:00 pm Monday – Friday to:
3rd Floor, Suite 3023 – One Civic Plaza NW, Albuquerque, NM 87102
(505) 768-1972 aqd@cabq.gov



**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Submittal Date: 5/16/2022

Owner/Corporate Information Check here and leave this section blank if information is exactly the same as Facility Information below.

Company Name: University of New Mexico			
Mailing Address: MSC07-4100 University of New Mexico	City: Albuquerque	State: NM	Zip: 87131
Company Phone: 505-277-2753	Company Contact: Casey Hall		
Company Contact Title: Director, EHS	Phone: 505-277-0305	E-mail: cbhall4@unm.edu	

Stationary Source (Facility) Information: Provide a plot plan (legal description/drawing of the facility property) with overlay sketch of facility processes, location of emission points, pollutant type, and distances to property boundaries.

Facility Name: Domenici Hall			
Facility Physical Address: 1101 Yale Blvd NE	City: Albuquerque	State: NM	Zip: 87106
Facility Mailing Address (if different):	City:	State:	Zip:
Facility Contact: Casey Hall	Title: Director, EHS		
Phone: 505-277-0305	E-mail: cbhall4@unm.edu		
Authorized Representative Name ¹ : Teresa Costantinidis	Authorized Representative Title: Senior Vice President for Finance and Administration		

Billing Information Check here if same contact and mailing address as corporate Check here if same as facility

Billing Company Name:			
Mailing Address:	City:	State:	Zip:
Billing Contact:	Title:		
Phone:	E-mail:		

Preparer/Consultant(s) Information Check here and leave section blank if no Consultant used or Preparer is same as Facility Contact.

Name:	Title:		
Mailing Address:	City:	State:	Zip:
Phone:	Email:		

1. See 20.11.41.13(E)(13) NMAC.

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

General Operation Information (if any question does not pertain to your facility, type N/A on the line or in the box)

Permitting action being requested (please refer to the definitions in 20.11.40 NMAC or 20.11.41 NMAC):				
<input type="checkbox"/> New Permit	<input checked="" type="checkbox"/> Permit Modification Current Permit #: 1715-RV1	<input type="checkbox"/> Technical Permit Revision Current Permit #:	<input type="checkbox"/> Administrative Permit Revision Current Permit #:	
<input type="checkbox"/> New Registration Certificate	<input type="checkbox"/> Modification Current Reg. #:	<input type="checkbox"/> Technical Revision Current Reg. #:	<input type="checkbox"/> Administrative Revision Current Reg. #:	
UTM coordinates of facility (Zone 13, NAD 83): 352200E, 3884700N				
Facility type (i.e., a description of your facility operations): Higher Education and Research				
Standard Industrial Classification (SIC Code #): 8221		North American Industry Classification System (NAICS Code #): 611310		
Is this facility currently operating in Bernalillo County? Yes		If YES , list date of original construction: If NO , list date of planned startup: 2004		
Is the facility permanent? Yes		If NO , list dates for requested temporary operation: From Through		
Is the facility a portable stationary source? No		If YES , is the facility address listed above the main permitted location for this source?		
Is the application for a physical or operational change, expansion, or reconstruction (e.g., altering process, or adding, or replacing process or control equipment, etc.) to an existing facility? Yes				
Provide a description of the requested changes: Unit Number 260-EG-2 will be replaced with a new 1102 HP diesel generator and a 3 MMBTU boiler will be added				
What is the facility's operation? <input checked="" type="checkbox"/> Continuous <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Batch				
Estimated percent of production/operation:	Jan-Mar: 25	Apr-Jun: 25	Jul-Sep: 25	Oct-Dec: 25
Requested operating times of facility:	24 hours/day	7 days/week	4 weeks/month	12 months/year
Will there be special or seasonal operating times other than shown above? This includes monthly- or seasonally-varying hours. No				
If YES , please explain:				
List raw materials processed:				
List saleable item(s) produced:				

USE INSTRUCTIONS: For the forms on the following pages, please do not alter or delete the existing footnotes or page breaks. If additional footnotes are needed then add them to the end of the existing footnote list for a given table. Only update the rows and cells within tables as necessary for your project. Unused rows can be deleted from tables. If multiple scenarios will be represented then the Uncontrolled and Controlled Emission Tables, and other tables as needed, can be duplicated and adjusted to indicate the different scenarios.

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Unit Number and Description ¹	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date ²	Process Rate or Capacity (Hp, kW, Btu, ft ³ , lbs, tons, yd ³ , etc.) ³	Fuel Type
							/	
							/	
							/	
							/	
							/	

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

1. Unit numbers must correspond to unit numbers in the previous permit unless a complete cross reference table of all units in both permits is provided.
2. To determine whether a unit has been modified, evaluate if changes have been made to the unit that impact emissions or that trigger modification as defined in 20.11.41.7(U) NMAC. If not, put N/A.
3. Basis for Equipment Process Rate or Capacity (e.g., Manufacturer's Data, Field Observation/Test, etc.) _____
Submit information for each unit as an attachment.

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Emissions Control Equipment Table

Control Equipment Units listed on this Table should either match up to the same Unit number as listed on the Regulated Emission Sources, Controlled Emissions and Stack Parameters Tables (if the control equipment is integrated with the emission unit) or should have a distinct Control Equipment Unit Number and that number should then also be listed on the Stack Parameters Table.

Control Equipment Unit Number and Description		Controlling Emissions for Unit Number(s)	Manufacturer	Model # Serial #	Date Installed	Controlled Pollutant(s)	% Control Efficiency ¹	Method Used to Estimate Efficiency	Rated Process Rate or Capacity or Flow
Ex. 8b	Baghouse	3,4,5	Best Baghouses	C-12010 A16925	11/12/2019	PM ₁₀ , PM _{2.5}	99%	Manufacturer's Data	1,500 ACFM
	N/A				N/A				

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

1. Basis for Control Equipment % Efficiency (e.g., Manufacturer's Data, Field Observation/Test, AP-42, etc.). _____
Submit information for each unit as an attachment.

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Purchased Hazardous Air Pollutant Table*

Product Categories (Coatings, Solvents, Thinners, etc.)	Hazardous Air Pollutant (HAP), or Volatile Hazardous Air Pollutant (VHAP) Primary To The Representative As Purchased Product	Chemical Abstract Service (CAS) Number of HAP or VHAP from Representative As Purchased Product	HAP or VHAP Concentration of Representative As Purchased Product (pounds/gallon, or %)	Concentration Determination (CPDS, SDS, etc.) ¹	Total Product Purchases For Category		Quantity of Product Recovered & Disposed For Category		Total Product Usage For Category
					lb/yr	gal/yr	lb/yr	gal/yr	lb/yr
Example 1. Surface Coatings	Xylene	1330207	4.0 lbs/gal	SDS	lb/yr	(-)	lb/yr	(=)	lb/yr
					100 gal/yr		0 gal/yr		100 gal/yr
Example 2. Cleaning Solvents	Toluene	108883	70%	Product Label	lb/yr	(-)	lb/yr	(=)	lb/yr
					200 gal/yr		50 gal/yr		150 gal/yr
1. N/A					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
2.					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
3.					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
4.					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
5.					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
6.					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
7.					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
8.					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
9.					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr
TOTALS					lb/yr	(-)	lb/yr	(=)	lb/yr
					gal/yr		gal/yr		gal/yr

NOTE: To add extra rows in Word, click anywhere in the second-to-last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

NOTE: Product purchases, recovery/disposal and usage should be converted to the units listed in this table. If units cannot be converted please contact the Air Quality Program prior to making changes to this table.

1. Submit, as an attachment, information on one (1) product from each Category listed above which best represents the average of all the products purchased in that Category. CPDS = Certified Product Data Sheet; SDS = Safety Data Sheet

*** A Registration is required, at minimum, for any amount of HAP or VHAP emission.**

Emissions from purchased HAP usage should be accounted for on previous tables as appropriate.

A permit may be required for these emissions if the source meets the requirements of 20.11.41 NMAC.

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Material and Fuel Storage Table

(E.g., Tanks, barrels, silos, stockpiles, etc.)

Storage Equipment		Product Stored	Capacity (bbls, tons, gals, acres, etc.)	Above or Below Ground	Construction (Welded, riveted) & Color	Installation Date	Loading Rate ¹	Offloading Rate ¹	True Vapor Pressure	Control Method	Seal Type	% Eff. ²
Ex. 1.	Tank	Diesel Fuel	5,000 gal.	Below	Welded/Brown	3/1993	3,000 gal/hr	500 gal/hr	N/A	N/A	N/A	N/A
Ex. 2.	Barrels	Solvent	55 gal. drum	Above	Welded/Green	N/A	N/A	N/A	N/A	N/A	N/A	N/A
260-EG-2	Tank	Diesel	1300 Gal	Above	Welded Green	TBD	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

1. Basis for Loading/Offloading Rate (*e.g.*, Manufacturer's Data, Field Observation/Test, etc.). _____
Submit information for each unit as an attachment.
2. Basis for Control Method % Efficiency (*e.g.*, Manufacturer's Data, Field Observation/Test, AP-42, etc.). _____
Submit information for each unit as an attachment.

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Stack Parameters Table

If any equipment from the Regulated Emission Sources Table is also listed in this Stack Table, use the same numbered line for the emission unit on both tables to show the association between the Process Equipment and its stack.

Unit Number and Description		Pollutant (CO, NOx, PM ₁₀ , etc.)	UTM Easting (m)	UTM Northing (m)	Stack Height (ft)	Stack Exit Temp. (°F)	Stack Velocity (fps)	Stack Flow Rate (acfm)	Stack Inside Diameter (ft)	Stack Type
Ex. 1.	Generator	CO, NOx, PM ₁₀ , PM _{2.5} , SO ₂	349430.28	3884014.64	18	900 °F	150 fps	4524 acfm	0.8	Rain Cap
Ex. 2.	Spray Gun	PM ₁₀ , xylene, toluene	348540.1	3882928.5	9.2	Ambient	50 fps	589 acfm	0.5	Vertical
260-EG-2	Emergency Generator	CO, NOx, SO ₂ , PM _{10/2.5}	352170.7	3884839.7	14.4	816 F	82.6 fps	6310 cfm	1	Vertical
										Select
										Select
										Select
										Select

NOTE: To add extra rows in Word, click anywhere in the last row. A plus (+) sign should appear on the bottom right corner of the row. Click the plus (+) sign to add a row. Repeat as needed.

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Certification

NOTICE REGARDING SCOPE OF A PERMIT: The Environmental Health Department's issuance of an air quality permit only authorizes the use of the specified equipment pursuant to the air quality control laws, regulations and conditions. Permits relate to air quality control only and are issued for the sole purpose of regulating the emission of air contaminants from said equipment. Air quality permits are not a general authorization for the location, construction and/or operation of a facility, nor does a permit authorize any particular land use or other form of land entitlement. It is the applicant's/permittee's responsibility to obtain all other necessary permits from the appropriate agencies, such as the City of Albuquerque Planning Department or Bernalillo County Department of Planning and Development Services, including but not limited to site plan approvals, building permits, fire department approvals and the like, as may be required by law for the location, construction and/or operation of a facility. For more information, please visit the City of Albuquerque Planning Department website at <https://www.cabq.gov/planning> and the Bernalillo County Department of Planning and Development Services website at <https://www.bernco.gov/planning>.

NOTICE REGARDING ACCURACY OF INFORMATION AND DATA SUBMITTED: Any misrepresentation of a material fact in this application and its attachments is cause for denial of a permit or revocation of part or all of the resulting registration or permit, and revocation of a permit for cause may limit the permittee's ability to obtain any subsequent air quality permit for ten (10) years. Any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained under the Air Quality Control Act, NMSA 1978 §§ 74-2-1 to 74-2-17, is guilty of a misdemeanor and shall, upon conviction, be punished by a fine of not more than ten thousand dollars (\$10,000) per day per violation or by imprisonment for not more than twelve months, or by both.

I, the undersigned, hereby certify that I have knowledge of the information and data represented and submitted in this application and that the same is true and accurate, including the information and data in any and all attachments, including without limitation associated forms, materials, drawings, specifications, and other data. I also certify that the information represented gives a true and complete portrayal of the existing, modified existing, or planned new stationary source with respect to air pollution sources and control equipment. I understand that there may be significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. I also understand that the person who has applied for or has been issued an air quality permit by the Department is an obligatory party to a permit appeal filed pursuant to 20.11.81 NMAC. Further, I certify that I am qualified and authorized to file this application, to certify the truth and accuracy of the information herein, and bind the source. Moreover, I covenant and agree to comply with any requests by the Department for additional information necessary for the Department to evaluate or make a final decision regarding the application.

Signed this 16 day of May, 2022

Norma Allen

Print Name

University Controller

Print Title

Norma Allen

Signature

Role: Owner Operator

Other Authorized Representative

6. EMISSIONS INFORMATION

Emissions are based on manufacturers testing data. The attached emissions data sheet has highlighted areas where the values for emissions were taken from. Please see the tables below for emissions information.

Uncontrolled Emissions								
Pollutant	Emission Factor (g/hp-hr)	Engine HP	Emissions in g/hr	g/lb	lb/hr	Potential Op hrs/yr	lb/ton	tons/yr
CO	1.38	1102	1520.76	453.6	3.35	8760	2000	14.68
NOx	5.81	1102	6402.62	453.6	14.12	8760	2000	61.82
NMHC	0.22	1102	242.44	453.6	0.53	8760	2000	2.34
NOx+NMHC	4.4	1102	4848.8	453.6	10.69	8760	2000	46.82
SOx	0.12	1102	132.24	453.6	0.29	8760	2000	1.28
PM 10	0.19	1102	209.38	453.6	0.46	8760	2000	2.02
PM 2.5	0.19	1102	209.38	454.6	0.46	8760	2000	2.02

Controlled Emissions					
	Emissions lb/hr	hr/yr requested	lb/yr	lb/ton	Tons/yr
CO	3.35	200	670.53	2000	0.34
NOx	14.12	200	2823.02	2000	1.41
NMHC	0.53	200	106.90	2000	0.05
NOx+NMHC	10.69	200	2137.92	2000	1.07
SOx	0.29	200	58.31	2000	0.03
PM 10	0.46	200	92.32	2000	0.05
PM 2.5	0.46	201	92.58	2001	0.05

Old unit vs new unit						
	Old Permit lb/hr	Old Ton/yr	New lb/hr	New ton/yr	Dif lb/hr	Dif ton/yr
CO	21.71	2.17	3.35	0.34	-18.36	-1.83
Nox	21.71	2.17	14.12	1.41	-7.59	-0.76
NMHC	0.24	0.02	0.53	0.05	0.29	0.03
Nox+NMHC			10.69	1.07	10.69	1.07
SOx	4.76E-03	4.76E-04	0.29	0.03	0.29	0.03
PM 10	7.70E-02	7.70E-03	0.46	0.05	0.38	0.04
PM 2.5	7.70E-02	7.70E-03	0.46	0.05	0.38	0.04

6.1. Example Calculations

Example calculations are based on NO_x emissions:

$$5.81 \frac{g}{hp \text{ hr}} \times 1102 \text{ hp} = 6402.62 \frac{g}{hr}$$

$$6402.62 \frac{g}{hr} \times \frac{1 \text{ lb}}{453.6 \text{ g}} = 14.12 \frac{\text{lb}}{\text{hr}}$$

$$14.12 \frac{\text{lb}}{\text{hr}} \times 8760 \frac{\text{hr}}{\text{yr}} \times 2000 \frac{\text{lb}}{\text{ton}} = 61.82 \frac{\text{tons}}{\text{yr}} \text{ uncontrolled NO}_x \text{ Emissions}$$

$$14.12 \frac{\text{lb}}{\text{hr}} \times 200 \frac{\text{hr}}{\text{yr}} = \frac{1928.99 \text{ lb}}{\text{yr}} \times 2000 \frac{\text{lb}}{\text{ton}} = 1.41 \frac{\text{tons}}{\text{yr}} \text{ controlled emissions of NO}_x$$

6.2. Basis of Control

Emissions control is based on limiting operating hours of the generator. The generator will be exercised 0.5 hours each week as part of regular maintenance. In addition, the unit will function when there is a utility power outage. The estimated number of hours of utility outage is under 100 hr/yr. UNM will monitor the engine hour meter weekly and report any incidence of the generator running over 200 hours in any 12-month rolling period under the excess emissions reporting requirements of Title V operating permit # 0536-RN1.

6.3. Fuel Data

UNM purchases only ULSD diesel for use in emergency generators, regulated under 40 CFR 1090 Subpart D. All diesel fuel deliveries meet the specifications outlined therein.

6.4. Stack Exhaust

The stack for the generator is located directly above the enclosure. The release height is 14.4 ft above grade level. The exit temperature is 816°F and it has a velocity of 82.6 fps. The stack is 1 ft in diameter therefore has a flow rate of 6310 CFM.





Exhaust emission data sheet

750DQFAA

60 Hz Diesel generator set

Engine information:			
Model:	Cummins Inc. QST30-G5 NR2	Bore:	5.51 in. (139 mm)
Type:	4 Cycle, 50° V, 12 cylinder diesel	Stroke:	6.5 in. (165 mm)
Aspiration:	Turbocharged and low temperature after-cooled	Displacement:	1860 cu. in. (30.4 liters)
Compression ratio:	14.7:1		
Emission control device:	After-cooled (air-to-air)		

	<u>1/4</u>	<u>1/2</u>	<u>3/4</u>	<u>Full</u>	<u>Full</u>
<u>Performance data</u>	<u>Standby</u>	<u>Standby</u>	<u>Standby</u>	<u>Standby</u>	<u>Prime</u>
BHP @ 1800 RPM (60 Hz)	276	551	827	1102	999
Fuel consumption (gal/Hr)	14.8	27.1	39.8	52.7	47.9
Exhaust gas flow (CFM)	2350	3620	4930	6310	5880
Exhaust gas temperature (°F)	553	686	770	816	798
<u>Exhaust emission data</u>					
HC (Total unburned hydrocarbons)	0.22	0.11	0.10	0.09	0.09
NOx (Oxides of nitrogen as NO2)	5.81	4.50	3.83	3.97	3.88
CO (Carbon monoxide)	1.38	0.48	0.37	0.46	0.43
PM (Particular matter)	0.19	0.17	0.14	0.12	0.13
SO2 (Sulfur dioxide)	0.12	0.11	0.10	0.10	0.10
Smoke (Bosch)	0.65	0.84	0.79	0.79	0.80
All values are Grams/HP-Hour , Smoke is Bosch #					

Test conditions	
Data was recorded during steady-state rated engine speed (± 25 RPM) with full load (± 2%). Pressures, temperatures, and emission rates were stabilized.	
Fuel specification:	46.5 Cetane Number, 0.035 Wt.% Sulfur; Reference ISO8178-5, 40CFR86.1313-98 Type 2-D and ASTM D975 No. 2-D.
Fuel temperature:	99 ± 9 °F (at fuel pump inlet)
Intake air temperature:	77 ± 9 °F
Barometric pressure:	29.6 ± 1 in. Hg
Humidity:	NOx measurement corrected to 75 grains H2O/lb dry air
Reference standard:	ISO 8178
<p>The NOx, HC, CO and PM emission data tabulated here were taken from a single engine under the test conditions shown above. Data for the other components are estimated. These data are subjected to instrumentation and engine-to-engine variability. Field emission test data are not guaranteed to these levels. Actual field test results may vary due to test site conditions, installation, fuel specification, test procedures and instrumentation. Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels.</p>	



2021 EPA Tier 2 Exhaust Emission Compliance Statement 750DQFAA Stationary Emergency, 60 Hz Diesel Generator Set

Compliance Information:	
The engine used in this generator set complies with Tier 2 emissions limit of U.S. EPA New Source Performance Standards for stationary emergency engines under the provisions of 40 CFR 60 Subpart IIII.	
Engine Manufacturer:	Cummins Inc.
EPA Certificate Number:	MCEXL030.AAD-044
Effective Date:	07/22/2020
Date Issued:	07/22/2020
EPA Engine Family (Cummins Emissions Family):	MCEXL030.AAD

Engine Information:			
Model:	QSK30/QST30-G/QST30-G5 NR2	Bore:	5.51 in. (140 mm)
Engine Nameplate HP:	1490	Stroke:	6.50 in. (165 mm)
Type:	4 Cycle, 50°V, 12 Cylinder Diesel	Displacement:	1860 cu. in. (30.5 liters)
Aspiration:	Turbocharged & CAC	Compression Ratio:	14.0:1
Emission Control Device:	Electronic Control	Exhaust Stack Diameter:	2 – 8 in. (2 – 203 mm)

Diesel Fuel Emissions Limits						
D2 cycle exhaust emissions	Grams per BHP-hr			Grams per kW_m-hr		
	NO_x + NMHC	CO	PM	NO_x + NMHC	CO	PM
Test Results	4.4	0.5	0.10	5.9	0.7	0.13
EPA Emissions Limit	4.8	2.6	0.15	6.4	3.5	0.20

Test methods: EPA emissions recorded per 40 CFR Part 60, 89, 1039, 1065 and weighted at load points prescribed in the regulations for constant speed engines.

Diesel fuel specifications: Cetane number: 40-50. Reference: ASTM D975 No. 2-D, 300-500 ppm Sulfur.

Reference conditions: Air inlet temperature: 25°C (77°F), Fuel inlet temperature: 40°C (104°F). Barometric pressure: 100 kPa (29.53 in Hg), Humidity: 10.7 g/kg (75 grains H₂O/lb) of dry air, required for NO_x correction, Restrictions: Intake restriction set to a maximum allowable limit for clean filter, Exhaust back pressure set to a maximum allowable limit.

Tests conducted using alternate test methods, instrumentation, fuel or reference conditions can yield different results. Engine operation with excessive air intake or exhaust restriction beyond published maximum limits, or with improper maintenance, may result in elevated emission levels.



Cooling System Data

DQFAA

Enhanced Ambient Air Temperature Radiator Cooling System

	Fuel Type	Duty	Rating (kW)	Max cooling @ air flow static restriction, unhoused (inches water/mm water)						Housed in free air, no air discharge restriction		
				0.0/0.0	0.25/6.4	0.5/12.7	0.75/19.1	1.0/25.4	1.5/38.1	Weather	Sound level 1	Sound level 2
				Maximum allowable ambient temperature, degree C								
60 Hz	Diesel	Standby	750	69.6	67.1	64.7	61.8	58.8	51.7	63.2	62.4	62.3
		Prime	680	67.9	65.3	63.2	60.6	57.7	50.9	61.7	60.9	60.9

Notes:

1. Data shown are anticipated cooling performance for typical generator set.
2. Cooling data is based on 1000 ft (305 m) site test location.
3. Generator set power output may need to be reduced at high ambient conditions. Consult generator set data sheet for derate schedules.
4. Cooling performance may be reduced due to several factors including but not limited to: Incorrect installation, improper operation, fouling of the cooling system, and other site installation variables.

NEW
RANGE
MODEL



RIELLO ARRAY V2.5

High Efficiency Condensing Boiler 800-4000 MBH

A Carrier Company

RIELLO
Energy For Life

THE ULTIMATE IN EFFICIENCY, REDUNDANCY & RELIABILITY

The Riello Array is a **pre-packaged boiler plant**, the new standard in boiler efficiency, redundancy and reliability.

Each Array boiler utilizes multiple **heat exchanger** modules, providing high turndown and multiple boiler redundancy in one packaged unit.

A single Array boiler provides **superior uptime reliability** that is only found in **larger boiler plants and multi boiler systems**.

NEW ENHANCED BENEFITS

- Reduced head loss provides for greater design flexibility
- Increased vent lengths
- Improved serviceability
- Enhanced software capabilities



KEY FEATURES

- One platform, multiple capacities
- Built in redundancy. Each module (400 MBH for ARRAY 800 and 500 MBH for ARRAY 1000÷4000) is independent and "stand-alone" ensuring continued boiler operation if an adjacent module is turned off or even removed
- Extremely simple plug & play installation, service & maintenance
- Dedicated pump for each module eliminates need for boiler circulating pump
- Standard integrated boiler cascade capability for up to 8 boilers
- Factory installed flue exhaust damper on each module allows common venting capability of Array boilers in cascade and eliminates off cycle heat loss
- Heat Exchanger Protection: Control monitors supply and return temperature and prevents heat exchanger from excessive temperature rise
- Standard integrated boiler freeze protection

HIGH PERFORMANCE

- High quality AISI 316L stainless steel heat exchanger
- True counterflow 4-pass design
- Efficiency up to 99%
- NOx emissions less than 9 PPM at 3% O₂
- Turndown ratio up to 40:1 per boiler; up to 320:1 per system
- ASME Design Pressure 80 PSI
- Low noise operation (each module <48 dBA)
- Low pressure gas capability

FLEXIBLE INSTALLATION

- Single point connections for hydronic, electrical, fuel and venting
- Small footprint, fits through standard doorway
- Venting flexibility including sidewall, through the roof and direct vent options up to 100 equivalent feet exhaust vent length
- Venting Materials: CPVC, Polypropylene or AL29-4C stainless steel

GRAPHIC TOUCHSCREEN CONTROL

STANDARD ON-BOARD CONTROL FEATURES

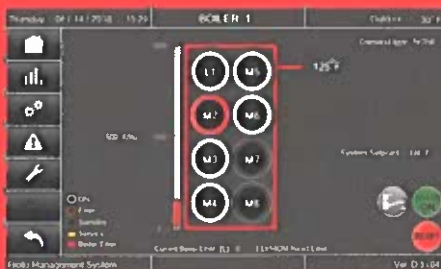
- 7" color touch screen
- Graphic display of actual input rate for cascade, boiler and modules
- User-Friendly text driven menus to monitor the whole cascade (up to 8 boilers) or each single module
- Immediate access to Cascade, Supply, Return, Flue temperatures and Fan speed of each module
- Simple access to Settings, Commissioning, Maintenance procedures and Error Log through the touch screen
- Graphic outdoor reset adjustment
- In addition to integrated Modbus, additional BMS gateways available for BACnet, Metasys and Lon Works protocols
- Control provides remote operation through 0-10Vdc set point control

CASCADE MANAGEMENT



- Dedicated service display inside the cabinet
- Analog input for remote DDC operation
- Onboard ΔT limiting eliminates on/off cycles
- Integrated Modbus communications

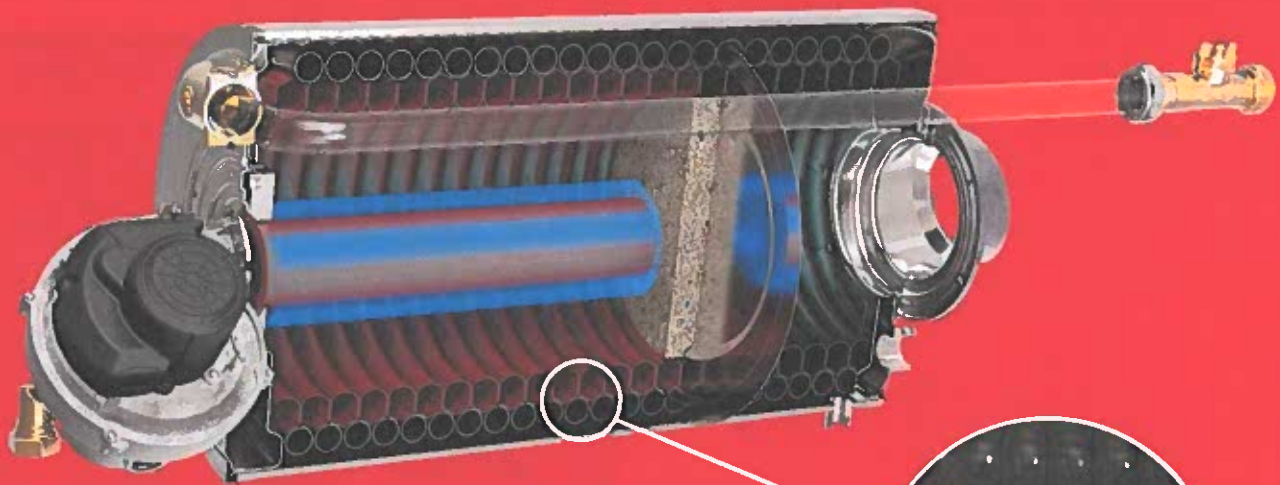
BOILER MANAGEMENT



MODULE MANAGEMENT

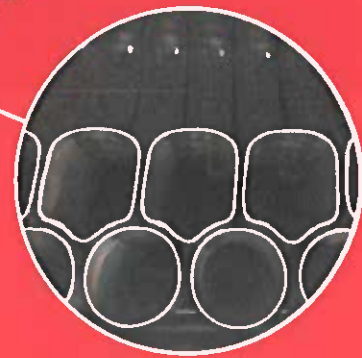


LOOKING INSIDE



ADVANCED PRE-MIX BURNER

The Riello Array Premix combustion system is comprised of a stainless steel mesh burner integrated with a modulating gas valve and high performance fan. The proportional control guarantees a consistent air to fuel ratio throughout the entire range of modulation resulting in clean efficient combustion.



PATENTED RIELLO HEAT EXCHANGER

- Heat exchanger with a unique helix design
- Advanced design for superior reliability and industry leading longevity
- Large heat exchanger surface area in a compact design
- High water velocity and large tube diameter eliminates scaling
- Better heat transfer results in increased fuel savings and lower operating costs
- Vortex flow meters monitor and ensure correct flow through each heat exchanger
- The design ensures minimum waterside pressure drop and highly efficient heat transfer



- Fully redundant design ensures zero downtime during heat exchanger service or maintenance
- Single point connections for hydronic, electrical, fuel and venting
- Smallest installed footprint enables easy installation and minimizes mechanical room space
- Individual pump for each heat exchanger eliminates need for boiler circulating pump
- Independent service controller for detailed commissioning and troubleshooting
- Every boiler is 100% live fire tested prior to shipment



INSTALLATION ADVANTAGES

- Ease of commissioning & maintenance
- Minimum training required
- Saves space and easy to install
- Perfect for new installation and retrofit projects
- Cascade up to 8 boilers (64 modules) for a maximum system turndown up to 320:1

OPERATION & MAINTENANCE

- 100% redundancy always delivers reliable performance with no downtime
- Simple maintenance: each module can be serviced while the others are running
- Easy roll-out module configuration allows for easy removal, service and maintenance



POWER RANGE



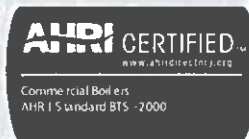
ARRAY 800 - 2000



ARRAY 3000 - 4000

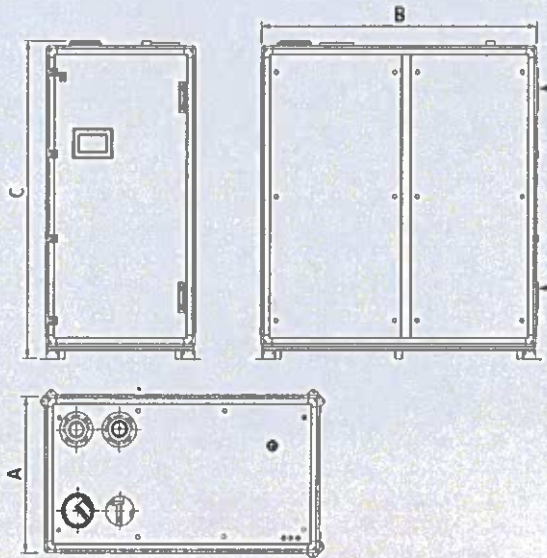
Model	Input Power MBH	Number of Modules	AHRI Thermal Efficiency %	Turndown Ratio	Overall Dimensions (*) WxHxD (inches)
AR 800	800	2 (400 MBH)	96.1%	20:1	29.4x53.1x52.4
AR 1000	1000	2 (500 MBH)	96.1%	10:1	33.3x67.2x60.8
AR 1500	1500	3 (500 MBH)	96.1%	15:1	33.3x67.2x60.8
AR 2000	2000	4 (500 MBH)	96.1%	20:1	33.3x83x60.8
AR 3000	3000	6 (500 MBH)	96.1%	30:1	35.4x83x72.8
AR 4000	4000	8 (500 MBH)	96.1%	40:1	35.4x83x72.8

(*) Bottom feet may be removed to reduce overall height by 2" during installation if required

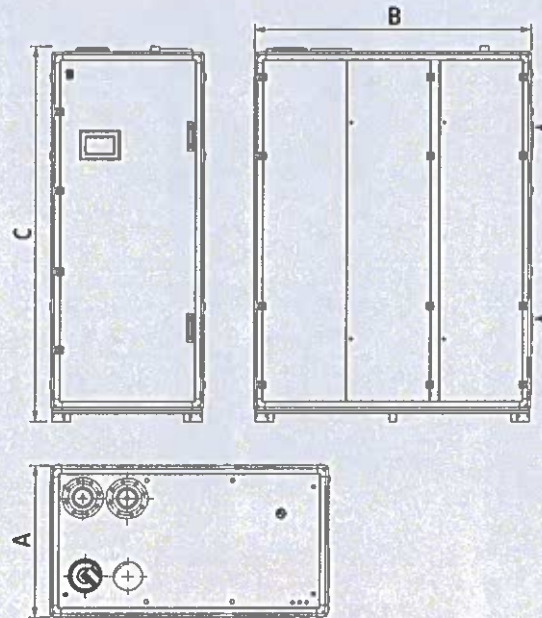


DIMENSIONS

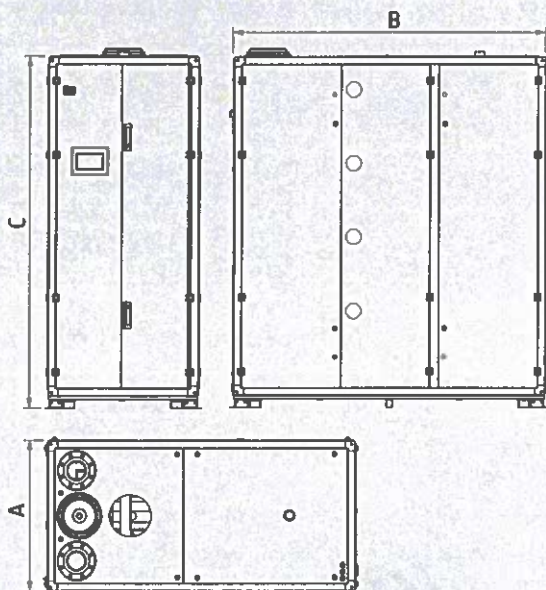
ARRAY 800 - 1500



ARRAY 2000



ARRAY 3000 - 4000



Description		AR 800	AR 1000	AR 1500	AR 2000	AR 3000	AR 4000
A - Width	Inch	29.4	33.3	33.3	33.3	35.4	35.4
	mm	747	846	846	846	899	899
B- Length	Inch	52.4	60.8	60.8	60.8	72.8	72.8
	mm	1330	1544	1544	1544	1849	1849
C - Height (*)	Inch	53.1	67.2	67.2	83	83	83
	mm	1350	1707	1707	2108	2108	2108

(*) Bottom feet may be removed to reduce overall height by 2" during installation if required

TECHNICAL SPECIFICATIONS

Model	Unit	AR 800	AR 1000	AR 1500	AR 2000	AR 3000	AR 4000
Boiler Category		ASME Sect.IV					
Type of Gas		Natural Gas, Propane					
Max Input rate	BTU/hr (kW)	800,000 (234)	1,000,000 (293)	1,500,000 (440)	2,000,000 (586)	3,000,000 (879)	4,000,000 (1172)
Min Input rate	BTU/hr (kW)	40 (12)	100,000 (29)	100,000 (29)	100,000 (29)	100,000 (29)	100,000 (29)
Turndown	Rate	20:1	10:1	15:1	20:1	30:1	40:1
Gas Connections (NPT)	Ø Inch	1 ½"	1 ½"	1 ½"	1 ½"	2"	2"
Max. NG Pressure	Inch W.C. (mbar)	13.5 (33.6)	20 (50)	20 (50)	20 (50)	20 (50)	20 (50)
Min. NG Pressure	Inch W.C. (mbar)	4.0 (10.0)	4.0 (10.0)	4.0 (10.0)	4.0 (10.0)	4.0 (10.0)	4.0 (10.0)
Max. LPG Pressure	Inch W.C. (mbar)	13.5 (33.6)	20 (50)	20 (50)	20 (50)	20 (50)	20 (50)
Min. LPG Pressure	Inch W.C. (mbar)	8 (19)	8 (19.9)	8 (19.9)	8 (19.9)	8 (19.9)	8 (19.9)
Water Connections	Ø Inch	2 ½"	3"	3"	4"	4"	4"
Max. Allowable Working Pressure (MAWP)	PSI (bar)	80 (5.5)	80 (5.5)	80 (5.5)	80 (5.5)	80 (5.5)	80 (5.5)
Water Volume	Gallon (liter)	9.5 (37)	12 (46)	18 (69)	24 (92)	36 (138)	48 (184)
Vent (slip-on) / Air Inlet Connections	Ø Inch (Ø mm)	6"/6" (150/150)	6"/6" (150/150)	6"/6" (150/150)	8"/8" (200/200)	[8" or 10"]/10" (*) ([200 or 250]/250)	
Venting Materials		CPVC, PPs, Stainless Steel AL29-4C					
Max operating temperature	°F (°C)	194 (90)	194 (90)	194 (90)	194 (90)	194 (90)	194 (90)
Max HE allowable temperature	°F (°C)	210 (98.9)	210 (98.9)	210 (98.9)	210 (98.9)	210 (98.9)	210 (98.9)
Storage temperature	°F (°C)	5 to 158 (-15 to 70)	5 to 158 (-15 to 70)	5 to 158 (-15 to 70)	5 to 158 (-15 to 70)	5 to 158 (-15 to 70)	5 to 158 (-15 to 70)
Ambient Room Temperature Operating Range	°F (°C)	32 to 120 (0 to 49)	32 to 120 (0 to 49)	32 to 120 (0 to 49)	32 to 120 (0 to 49)	32 to 120 (0 to 49)	32 to 120 (0 to 49)
Total Heating Surface Area	SQFT (m²)	54 (5)	86 (8)	129 (12)	172 (16)	258 (24)	344 (32)
Standard Listings & Approvals		ETL, ASME, AHRI, CSD-1 and SCAQMD					
Electrical Requirement	V/Ph/Hz FLA (**)	120/1/60 15.5	120/1/60 15.5	120/1/60 23.3	230/1/60 15.5	230/3/60 15.5	230/3/60 23.3
Weight (Dry)	lbs (kg)	926 (430)	1058 (480)	1323 (600)	1676 (760)	2315 (1050)	2998 (1360)
Dimensions WxHxD (***)	Inch (mm)	29.4x53.1x52.4 (747x1350x1330)	33.3x67.2x60.8 (846x1707x1544)	33.3x67.2x60.8 (846x1707x1544)	33.3x83x60.8 (846x1707x1544)	35.4x83x72.8 (899x2108x1849)	35.4x83x72.8 (899x2108x1849)

(*) The boiler is supplied with a removable vent reducer

(**) FLA (Full Load Amperage) – maximum current drawn by the boiler if all pumps reach rated horsepower

(***) Bottom feet may be removed to reduce overall height by 2" during installation if required

RIELLO NORTH AMERICA
35 Pound Park Road
Hingham, Massachusetts
U.S.A. 02043
www.rielloboilers.com

2165 Meadowpine Blvd
Mississauga, Ontario
Canada L5N 6H6

The manufacturer strives to continuously improve all products. Appearance, dimensions, technical specifications, standard equipment and accessories are therefore liable to modification without notice.

RIELLO

SAFETY DATA SHEET

Diesel



Section 1. Identification

Product name : Diesel
Product code : Not available.
Synonyms : Ultra Low Sulfur Diesel, ULSD, Biodiesel, No 1 Diesel, No 2 Diesel, B2, B5, B15, B20

Relevant identified uses of the substance or mixture and uses advised against

Product use : Fuel.
Area of application : Industrial applications.

Manufacturer : HollyFrontier Refining & Marketing LLC
2828 North Harwood
Suite 1300
Dallas, Texas 75201
USA
Customer Service: (888) 286-8836

Emergency telephone number : CHEMTREC® (800) 424-9300
CCN 201319

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : H226 FLAMMABLE LIQUIDS - Category 3
H315 SKIN IRRITATION - Category 2
H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
H304 ASPIRATION HAZARD - Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H226 - Flammable liquid and vapor.
H315 - Causes skin irritation.
H304 - May be fatal if swallowed and enters airways.
H336 - May cause drowsiness or dizziness.

Precautionary statements

Prevention : Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling.

Response : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention.

Storage : Store in a well-ventilated place. Keep cool.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Ingredient name	Other names	%	CAS number
Distillates (petroleum), hydrotreated light	-	0 - 100	64742-47-8
Kerosine (petroleum), hydrodesulfurized	-	0 - 100	64742-81-0
Fatty acids, C16-18 and C18-unsatd., Me esters	-	0 - 20	67762-38-3
naphthalene	-	1 - 3	91-20-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention. Continue to rinse for at least 15 minutes.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. Mist/high concentrations: Inhalation may cause irritation to the nose, throat, upper respiratory tract and lungs.
- Skin contact** : Causes skin irritation.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

Over-exposure signs/symptoms

- Eye contact** : pain or irritation; watering; redness
- Inhalation** : nausea or vomiting; headache; drowsiness/fatigue; dizziness/vertigo; unconsciousness; respiratory tract irritation; coughing
- Skin contact** : irritation; redness
- Ingestion** : nausea or vomiting

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to high concentrations of hydrocarbon solvents.
- Specific treatments** : No specific treatment.
- Protection of medical responders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures**Extinguishing media**

- Suitable extinguishing media** : Use dry chemical, CO₂, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

Specific hazards arising from the chemical

- : Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products

- : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Special protective actions for fire-fighters

- : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

- : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures**Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

- : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

- : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

- : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up**Small spill**

- : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, waterways, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage**Precautions for safe handling****Protective measures**

: Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container. High pressure skin injections are serious medical emergencies. Injury will not appear serious at first. Within a few hours, tissue will become swollen, discolored and extremely painful.

Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection**Control parameters****Occupational exposure limits**

Ingredient name	Exposure limits
Distillates (petroleum), hydrotreated light	ACGIH TLV (United States, 3/2017). Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours.
Kerosine (petroleum), hydrodesulfurized	ACGIH TLV (United States, 3/2017). Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapor) 8 hours.
Fatty acids, C16-18 and C18-unsatd., Me esters naphthalene	None. ACGIH TLV (United States, 3/2017). Absorbed through skin. TWA: 10 ppm 8 hours. TWA: 52 mg/m ³ 8 hours. NIOSH REL (United States, 10/2016). TWA: 10 ppm 10 hours. TWA: 50 mg/m ³ 10 hours. STEL: 15 ppm 15 minutes. STEL: 75 mg/m ³ 15 minutes. OSHA PEL (United States, 6/2016). TWA: 10 ppm 8 hours. TWA: 50 mg/m ³ 8 hours.

- Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eyeface protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

- Physical state** : Liquid.
- Color** : Clear to Straw.
- Odor** : Kerosene.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point** : Not available.
- Boiling point** : 162.78 to 371.11°C (325 to 700°F)
- Flash point** : >37.8 °C (100 °F)
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not applicable.
- Lower and upper explosive (flammable) limits** : Lower: 0.5%
Upper: 8%
- Vapor pressure** : < 1 mm Hg at 37.8°C (100 F)
- Vapor density** : 3 to 4 [Air = 1]
- Specific gravity** : 0.75 to 0.85 [15.5°C (60°F)]
- Density** : Not available.

Solubility	: Negligible
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: 232.22 to 260°C (450 to 500°F)
Decomposition temperature	: Not available.
Viscosity	: Kinematic (40°C (104°F)): 0.01 to 0.025 cm ² /s (1 to 2.5 cSt)
Flow time (ISO 2431)	: Not available.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Distillates (petroleum), hydrotreated light	LC50 Inhalation Dusts and mists	Rat	>5.28 mg/l	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Kerosine (petroleum), hydrodesulfurized	LC50 Inhalation Dusts and mists	Rat	>5.28 mg/l	4 hours
	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Kerosine (petroleum), hydrodesulfurized	Skin - Moderate irritant	Rabbit	-	24 hours 500 milligrams	-

Carcinogenicity

Product/ingredient name	OSHA	IARC	NTP
naphthalene	-	2B	Reasonably anticipated to be a human carcinogen.

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Distillates (petroleum), hydrotreated light	Category 3	Not applicable.	Narcotic effects
Kerosine (petroleum), hydrodesulfurized	Category 3	Not applicable.	Narcotic effects

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Name	Result
Distillates (petroleum), hydrotreated light	ASPIRATION HAZARD - Category 1
Kerosine (petroleum), hydrodesulfurized	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure : Routes of entry anticipated: Oral, Dermal, Inhalation.

Delayed and immediate effects and also chronic effects from short and long term exposure**Short term exposure**

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity**Acute toxicity estimates**

Route	ATE value
Oral	27440 mg/kg

Section 12. Ecological information**Toxicity**

Product/ingredient name	Result	Species	Exposure
Distillates (petroleum), hydrotreated light naphthalene	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days
	Acute EC50 1600 µg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 2350 µg/l Marine water	Crustaceans - Palaemonetes pugio	48 hours
	Acute LC50 213 µg/l Fresh water	Fish - Melanotaenia fluviatilis - Larvae	96 hours
	Chronic NOEC 0.5 mg/l Marine water Chronic NOEC 1.5 mg/l Fresh water	Crustaceans - Uca pugnax - Adult Fish - Oreochromis mossambicus	3 weeks 60 days

Conclusion/Summary : Toxic to aquatic life with long lasting effects.

Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Distillates (petroleum), hydrotreated light Fatty acids, C16-18 and C18-unsatd., Me esters	-	-	Inherent
	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Distillates (petroleum), hydrotreated light	>4	-	high
Fatty acids, C16-18 and C18-unsatd., Me esters	>6.2	3	low
naphthalene	3.4	36.5 to 168	low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.




Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Toxic hazardous waste "U" List

Ingredient	CAS #	Status	Reference number
Naphthalene	91-20-3	Listed	U165

Section 14. Transport information

	DOT Classification	IMDG	IATA
UN number	NA1993	UN1202	UN1202
UN proper shipping name	Diesel fuel	DIESEL FUEL	Diesel fuel
Transport hazard class(es)	3 	3 	3 
Packing group	III	III	III
Environmental hazards	Yes.	Yes.	Yes. The environmentally hazardous substance mark is not required.

Additional information

- DOT Classification** : This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids, that are marine pollutants, are not regulated as hazardous materials in package sizes less than the product reportable quantity, unless transported by vessel. This product is not regulated as a marine pollutant when transported on inland waterways in sizes of ≤5 L or ≤5 kg or by road, rail, or inland air in non-bulk sizes, provided the packagings meet the general provisions of §§ 173.24 and 173.24a. **Reportable quantity** 5000 lbs / 2270 kg [749.59 gal / 2837.5 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements. **Limited quantity** Yes. **Packaging instruction** Exceptions: 150. Non-bulk: 203. Bulk: 242. **Quantity limitation** Passenger aircraft/rail: 60 L. Cargo aircraft: 220 L. **Special provisions** 144, B1, IB3, T4, TP1, TP29
- IMDG** : The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. **Emergency schedules** F-E, S-E
- IATA** : The environmentally hazardous substance mark may appear if required by other transportation regulations. **Quantity limitation** Passenger and Cargo Aircraft: 60 L. Packaging instructions: 355. Cargo Aircraft Only: 220 L. Packaging instructions: 366. Limited Quantities - Passenger Aircraft: 10 L. Packaging instructions: Y344. **Special provisions** A3
- Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

- U.S. Federal regulations** : **TSCA 8(a) PAIR:** naphthalene
United States inventory (TSCA 8b): All components are listed or exempted.
Clean Water Act (CWA) 307: naphthalene
Clean Water Act (CWA) 311: naphthalene

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : FLAMMABLE LIQUIDS - Category 3
 SKIN IRRITATION - Category 2
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
 ASPIRATION HAZARD - Category 1

Composition/information on ingredients

Name	%	Classification
Distillates (petroleum), hydrotreated light	0 - 100	FLAMMABLE LIQUIDS - Category 3 SKIN IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 ASPIRATION HAZARD - Category 1
Kerosine (petroleum), hydrodesulfurized	0 - 100	HNOC - Static-accumulating flammable liquid FLAMMABLE LIQUIDS - Category 3 SKIN IRRITATION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 ASPIRATION HAZARD - Category 1

naphthalene	1 - 3	HNOC - Static-accumulating flammable liquid FLAMMABLE SOLIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (blood system, kidneys, liver) - Category 2
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SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	naphthalene	91-20-3	1 - 3
Supplier notification	naphthalene	91-20-3	1 - 3

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts	: The following components are listed: NAPHTHALENE
New York	: The following components are listed: Naphthalene
New Jersey	: The following components are listed: NAPHTHALENE; MOTH FLAKES
Pennsylvania	: The following components are listed: NAPHTHALENE

California Prop. 65

⚠ WARNING: This product can expose you to Naphthalene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Naphthalene	Yes.	-

International regulations**Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Ingredient name	List name	Status
PAHs	POPs - Annex 3	Listed

Section 16. Other information**National Fire Protection Association (U.S.A.)**

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

Classification	Justification
Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304	On basis of test data Calculation method Calculation method Calculation method

Date of issue/Date of revision : 11/08/2017

Date of previous issue : 03/18/2014

Version : 2

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
UN = United Nations

☑ Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named manufacturer, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

7. OPERATIONS AND MAINTENANCE STRATEGY





ENVIRONMENTAL HEALTH & SAFETY

*Department of Environmental Health and Safety
MSC07 4100, 1 University of New Mexico
Phone: 505-277-2753 Fax: 505-277-9006
Website: ehsweb-l@list.unm.edu*

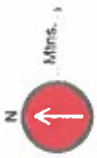
Date: 3/31/22
To: Elizabeth Pomo, Senior Environmental Health Scientist, Environmental Health Department, CABQ
From: Casey Hall, Director, Environmental Health and Safety, UNM
Subject: Operations and Maintenance Plan for Pete and Nancy Domenici Hall Emergency Generator

The emergency generator replacement located at Pete and Nancy Domenici Hall will implement the following O&M strategy to mitigate emissions. Pursuant to 20.11.41.13.E.(5) NMAC UNM will:

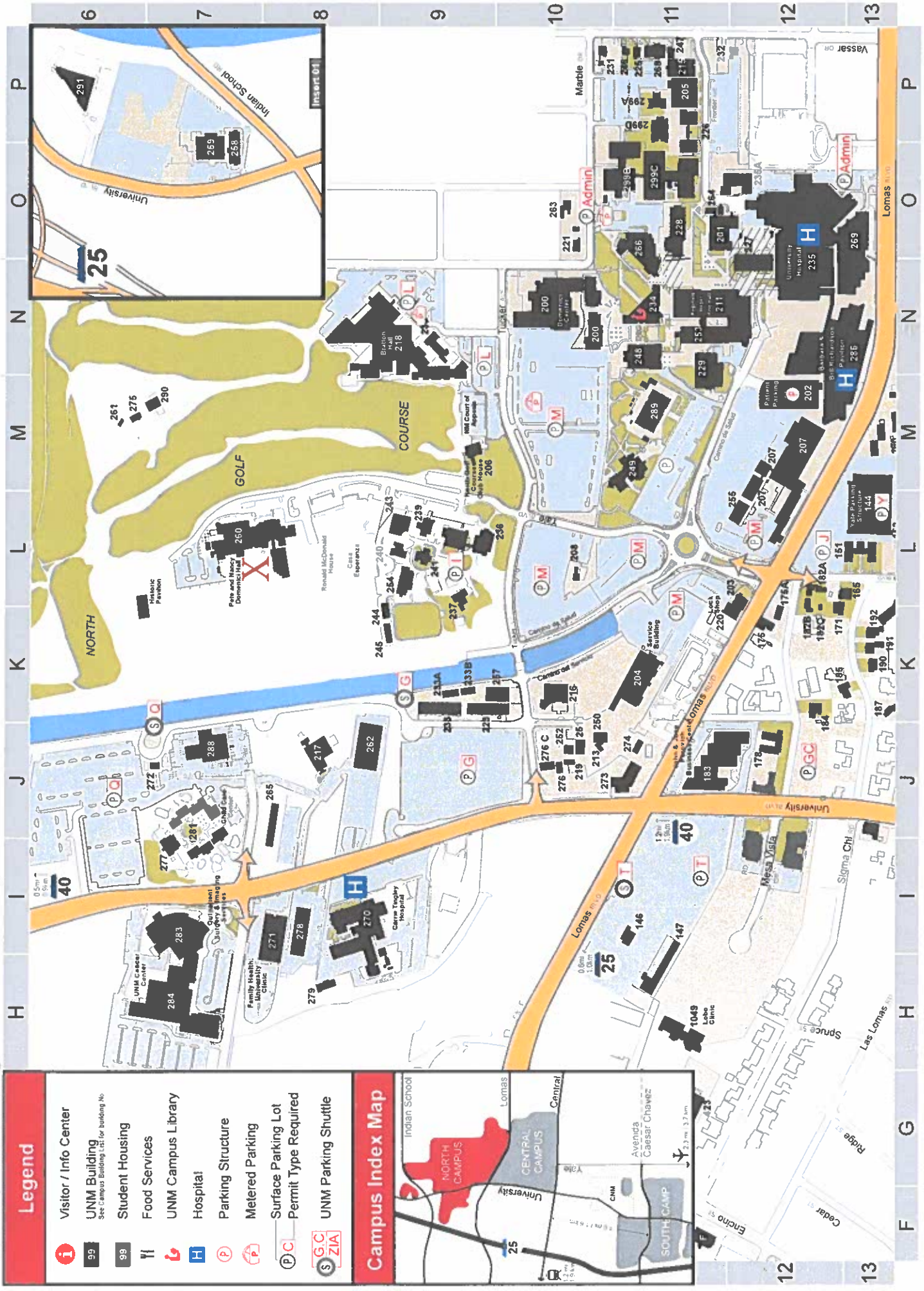
- (a) In the case of a malfunction that causes excess emissions, Facilities Management reports the malfunction to Environmental Health and Safety. The exceedance is then reported to the City of Albuquerque EHD in accordance with UNM's Title V permit 0536-RN1. A root cause of the exceedance will then be identified and repaired as quickly as practicable.
- (b) Emissions of particulate matter as seen through opacity are higher during startup and shutdown due to low engine temperature leading to incomplete combustion during the compression ignition cycle. This unit is not equipped with any control equipment.
- (c) The engine will be maintained in accordance with the manufacturer's requirements including monthly exercise and regular maintenance to reduce emissions during startup and shutdown.

8. MAPS AND AERIAL IMAGERY





SCALE
500 ft



Legend

- Visitor / Info Center
- UNM Building
See Campus Building List for Building No.
- Student Housing
- Food Services
- UNM Campus Library
- Hospital
- Parking Structure
- Metered Parking
- Surface Parking Lot
- Permit Type Required
- UNM Parking Shuttle

Campus Index Map

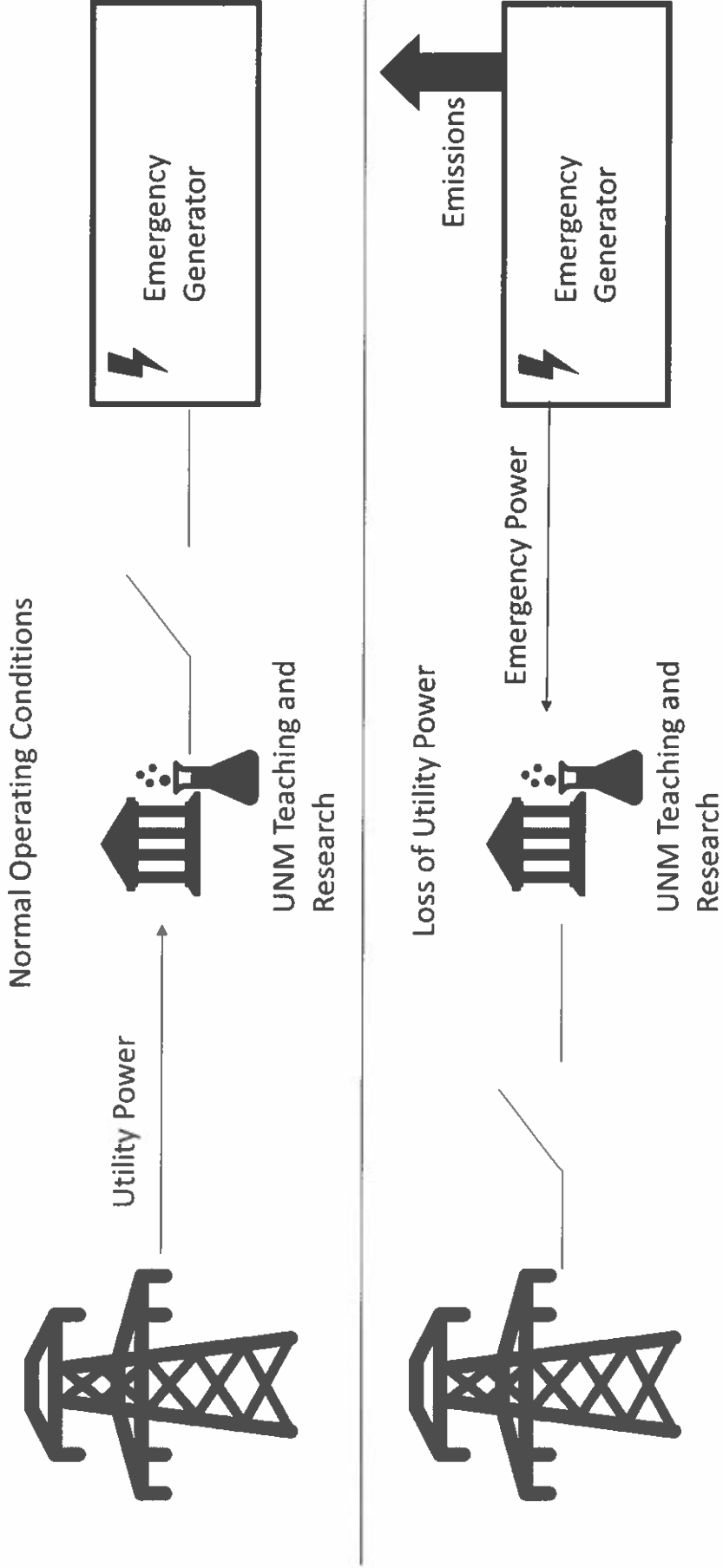
H I J K L M N O P
6 7 8 9 10 11 12 13



9. PROCESS FLOW DIAGRAM



Pete and Nancy Domenici Emergency Generator Process Flow Diagram



10. OPERATIONAL SCHEDULE

The emission Unit 260-EG-1 is anticipated to run when exercised, approximately 0.5 hours per week, and when utility power is not available. UNM anticipates the generator will operate less than 150 hours per year. We are requesting an operational maximum of 200 hours per year. UNM will monitor the engine hour meter weekly and report any incidence of the generator running over 200 hours in any 12-month rolling period under the excess emissions reporting requirements of Title V operating permit # 0536-RN1.



11. ZONING CERTIFICATIONS





**City of Albuquerque
Environmental Health Department
Air Quality Program**



**Construction Permit (20.11.41 NMAC)
Zoning Requirement Cover Letter**

This Cover Letter Must Be Returned With The Application Along With All Required Attachments

The Albuquerque-Bernalillo County Joint Air Quality Program, which administers and enforces local air quality laws for the City of Albuquerque ("City") and Bernalillo County ("County"), on behalf of the City Environmental Health Department ("Department").

Any person seeking a new air quality permit or a permit modification under 20.11.41 NMAC (Construction Permits) shall provide documentary proof that the proposed air quality permitted use of the facility's subject property is allowed by the zoning designation of the City or County zoning laws, as applicable. Sufficient documentation may include (i) a zoning certification from the City Planning Department or County Department of Planning and Development Services, as applicable, if the applicant is subject to City or County zoning jurisdiction; or (ii) a zoning verification from both planning departments if the applicant is not subject to City or County zoning jurisdiction. A zone atlas map shall not be sufficient. At this time, applicants are not required to submit documentation for the subject property's zoning designation when applying for an emergency permit, a new portable stationary source, a relocation of a portable stationary source, or a technical or administrative revision to an existing permit.

The Department will rule an application administratively incomplete if it is missing or has incorrect information. If the Department has ruled an application administratively incomplete three (3) times, the Department will deny the permit application. Any fees submitted for processing an application that has been denied will not be refunded. If the Department denies an application, a person may submit a new application and the fee required for a new application. The applicant has the burden of demonstrating that a permit should be issued.

The Department may require additional information that is necessary to make a thorough review of an application. At all times before the Department has made a final decision regarding the application, an applicant has a duty to promptly supplement and correct information the applicant has submitted in an application to the Department. The applicant's duty to supplement and correct the application includes, but is not limited to, relevant information acquired after the applicant has submitted the application and additional information the applicant otherwise determines is relevant to the application and the Department's review and decision. While the Department is processing an application, regardless of whether the Department has determined the application is administratively complete, if the Department determines that additional information is necessary to evaluate or make a final decision regarding the application, the Department may request additional information and the applicant shall provide the requested additional information.

NOTICE REGARDING SCOPE OF A PERMIT: The Department's issuance of an air quality permit only authorizes the use of the specified equipment pursuant to the air quality control laws, regulations and conditions. Permits relate to air quality control only and are issued for the sole purpose of regulating the emission of air contaminants from said equipment. Air quality permits are not a general authorization for the location, construction and/or operation of a facility, nor does a permit authorize any particular land use or other form of land entitlement. It is the applicant's/permittee's responsibility to obtain all other necessary permits from the appropriate agencies, such as the City Planning Department or County Department of Planning and Development Services, including but not limited to site plan approvals, building permits, fire department approvals and the like, as may be required by law for the location, construction and/or operation of a facility. For more information, please visit the City Planning Department website at <https://www.cabq.gov/planning> and the County Department of Planning and Development Services website at <https://www.bermco.gov/planning>.

Corporate and Facility Information: This information shall match the information in the permit application.

Air Quality Permit Applicant Company Name: University of New Mexico			
Facility Name: Pete and Nancy Domenici Hall			
Facility Physical Address: 1101 Yale Blvd NE	City: Albuquerque	State: NM	Zip: 87106
Facility Legal Description: T10N R3E SEC15 NW 1/4 SW1/4 40AC UNM			

General Operation Information: This information shall match the information in the permit application.

Permitting action being requested (please refer to the definitions in 20.11.41 NMAC):

New Permit Permit Modification, Current Permit #: **1715-RV1**

Attachment Information: The location information provided to the City Planning Department or County Department of Planning and Development Services, as applicable, and reflected in the zoning certification or verifications, as applicable, shall be the same as the Facility location information provided to the Department in the air quality construction permit application.

<input type="checkbox"/> Zoning Certification Provided by: Choose an item. <i>This is a use-specific certification.</i> City Planning Form: https://www.cabq.gov/planning/code-enforcement-zoning County Planning Form: https://www.bernco.gov/planning/planning-and-land-use/applications-forms/	<input checked="" type="checkbox"/> City Zoning Verification <input checked="" type="checkbox"/> County Zoning Verification City Planning Form: https://www.cabq.gov/planning/code-enforcement-zoning County Planning Form: https://www.bernco.gov/planning/planning-and-land-use/applications-forms/
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CITY OF ALBUQUERQUE

CODE ENFORCEMENT

Plaza Del Sol Building, Suite 500
600 2nd Street NW
Albuquerque, NM 87102
Tel: (505) 924-3850 Fax: (505) 924-3847



Date: May 2, 2022

VIA Email, cbhall4@unm.edu

Casey Hall
1 University of New Mexico
MSC07 4100
Albuquerque, NM 87131

RE: 1101 Yale Blvd. NE Albuquerque, NM 87106 the "property".
UPC: 101605806332920107

To Whom It May Concern:

This letter will certify that according to the map on file in this office on May 2, 2022, the referenced property, legally described as: T10N R3E SEC15 NW 1/4 SW1/4 40AC UNM located in Albuquerque, Bernalillo County, New Mexico, is Zoned: Planned Development (R-MH)

PO Box 1293

The current use of the property is being used as a university research facility which are permissive in the (R-MH) Zone.

Albuquerque

This property has been inspected and it was found to be in compliance with the applicable provisions of the Integrated Development Ordinance. This site is controlled by an approved master site development plan.

NM 87103

If you have any questions regarding this matter please contact me at (505) 924-3301 or by email at ametzgar@cabq.gov.

www.cabq.gov

Sincerely:


Angelo Metzgar,
Code Compliance Manager, Code Enforcement, Planning Department

RESIDENTIAL – MULTI-FAMILY HIGH DENSITY ZONE DISTRICT (R-MH)

Purpose: The purpose of the R-MH zone district is to promote and encourage the development of high-density attached and multi-family housing, with taller, multi-story buildings encouraged in Centers and Corridors in areas close to major streets and public transit facilities. The primary land use is multi-family dwellings, with limited civic and institutional uses to serve the surrounding residential area.



This document provides a summary about development in the R-MH zone district. It includes links to Frequently Asked Questions (FAQs) about allowable uses, use-standards, development standards, and the approval process.

The document also includes a summary of the development standards and a summary of the allowable uses in this zone. To see the full Integrated Development Ordinance (IDO), click the link below.

<https://ido.abc-zone.com/>

Notes:

1. Check the project website for links to the Integrated Development Ordinance, the Allowable Uses Table, and excerpts from the Allowable Uses Table for each zone district.
<https://abc-zone.com/node/919>
2. Check the IDO to see if there are any Use-specific Standards or an Airport Protection Overlay zone that may change the allowable uses on your property. (See IDO Part 4 and Section 3-3, respectively). For more information, see these FAQs:
<https://abc-zone.com/node/915>
<https://abc-zone.com/node/931>
3. Check the IDO to find development standards for your zone district and any context-specific standards that apply to your property. (See IDO Parts 2 and 5.) For more information, see this FAQ:
<https://abc-zone.com/node/930>
4. Check the IDO to find review and approval processes that may apply to a zone district, your project, or your property. (See IDO Part 6.) For more information, see this FAQ:
<https://abc-zone.com/node/933>

If you have other questions, contact the Planning Department at 924-3860 and request to schedule a Pre-application Review Team Meeting (PRT).


Development Standards Summary

Table 2-3-11: R-MH Zone District Dimensional Standards

UC-MS-PT = Urban Centers, Main Street areas, and Premium Transit areas BR = bedroom DU = dwelling units

Note: Any different dimensional standards in Part 14-16-3 (Overlay Zones) and Section 14-16-5-9 (Neighborhood Edges) applicable to the property shall prevail over the standards in this table.

Development Location	General	UC-MS-PT
Site Standards*		
Lot size, minimum See Subsection 14-16-5-1(C)(2)	A	10,000 sq. ft.
Lot width, minimum See Subsection 14-16-5-1(C)(2)	B	150 ft. 100 ft.
Usable open space, minimum	C	≤1 BR: 225 sq. ft. / unit 2 BR: 285 sq. ft. / unit ≥3 BR: 350 sq. ft. / unit 50% reduction
Setback Standards		
Front, minimum	D	15 ft. / N/A 0 ft. / 10 ft.
Side, minimum	E	Interior: 5 ft.; Street side: 10 ft. / N/A 0 ft. / Street side: 15 ft.
Rear, minimum	F	15 ft.
Building Height		
Building height, maximum	G	48 ft. 65 ft. >100 ft. from all lot lines: N/A



[1] Residential development that qualifies for funding through Article 14-17 of ROA 1994 (Family Housing Developments) may be eligible for development incentives specified in that Article.

*See IDO Subsection 14-16-5-1(C)(2) Contextual Residential Development in Areas of Consistency, if applicable, for additional standards that modify these general dimensional standards.

Table 2-3-12: Other Applicable IDO Sections

Overlay Zones	Part 14-16-3	Landscaping, Buffering, and Screening	14-16-5-6
Allowable Uses	14-16-4-2	Walls and Fences	14-16-5-7
Use-specific Standards	14-16-4-3	Outdoor Lighting	14-16-5-8
Dimensional Standards	14-16-5-1	Neighborhood Edges	14-16-5-9
Site Design and Sensitive Lands	14-16-5-2	Solar Access	14-16-5-10
Access and Connectivity	14-16-5-3	Building Design	14-16-5-11
Subdivision of Land	14-16-5-4	Signs	14-16-5-12
Parking and Loading	14-16-5-5	Operations and Maintenance	14-16-5-13

Use Table Summary

The following excerpt from Table 4-2-1 shows the allowable uses for the **R-MH zone district only** (highlighted). See the Integrated Development Ordinance (IDO) for the complete list of uses allowed in all zone districts and use definitions (Table 4-2-1 and Subsection 14-16-7-1, respectively).

- ⇒ Permissive uses (P) are allowed in this zone by right, without any other approvals
- ⇒ Conditional uses (C) require approval at a public hearing (see Subsection 14-16-6-6(A) for more info)
- ⇒ Accessory uses (A) must be in addition to an allowed primary use (either P or C)

The column on the far right (also highlighted), provides IDO section references for Use-specific Standards that may apply to a use. These Use-specific Standards may change the allowable uses depending on the context of the site or may impose requirements on the development.

Table 4-2-1: Allowable Uses																			
P = Permissive Primary C = Conditional Primary A = Permissive Accessory CA = Conditional Accessory CV = Conditional if Structure Vacant for 5 years or more T = Temporary Blank Cell = Not Allowed																			
Zone District >>	Residential					Mixed-use				Non-residential						Use-specific Standards			
	R-A	R-1	R-MC	R-T	R-ML	R-MH	MX-T	MX-L	MX-M	MX-H	NR-C	NR-BP	LM	GM	NR-SU		NR-PO		
																	A	B	C
PRIMARY USES THAT MAY BE ACCESSORY IN SOME ZONE DISTRICTS																			
RESIDENTIAL USES																			
Household Living																			
Dwelling, townhouse				P	P	P	P	P	P	P									4-3(B)(5)
Dwelling, live-work				C	C	P	P	P	P	P	CA	CA							4-3(B)(6)
Dwelling, multi-family					P	P	P	P	P	P									4-3(B)(7)
Group Living																			
Assisted living facility or nursing home				C	P	P	P	P	P	P									
Community residential facility, small	P	P			P	P	P	P	P	P									4-3(B)(8)
Community residential facility, large					P	P	P	P	P	P									4-3(B)(8)
Dormitory						P	C	P	P	P									
Group home, small					C	P	P	P	P										4-3(B)(9)
Group home, medium					C	C	C	P	P	P									4-3(B)(9)
Group home, large						C				C	C								4-3(B)(9)
CIVIC AND INSTITUTIONAL USES																			
Adult or child day care facility			C	C	C	P	P	P	P	P	P	P	A	A					
Community center or library	C	P		P	P	P	P	P	P	P	C	C	C	C		P		C	4-3(C)(1)
Elementary or middle school	C	C		C	P	P	P	P	P	P	P	P	CV			P		C	4-3(C)(2)
High school	C	C		C	C	P	P	P	P	P	P	P	C			P			4-3(C)(3)
Museum				CV	CV	C	P	P	P	P	P	P	P	P		P	A		4-3(C)(5)
Parks and open space	P	P		P	P	P	P	P	P	P	P	P	C	C	A	P	P	P	4-3(C)(7)
Religious institution	P	P		P	P	P	P	P	P	P	P	P	CV	CV					4-3(C)(8)

Table 4-2-1: Allowable Uses

P = Permissive Primary C = Conditional Primary A = Permissive Accessory CA = Conditional Accessory
 CV = Conditional if Structure Vacant for 5 years or more T = Temporary Blank Cell = Not Allowed

Zone District >>	Residential				Mixed-use				Non-residential						Use-specific Standards				
	R-A	R-1	R-MC	R-T	R-ML	R-MH	MX-T	MX-L	MX-M	MX-H	NR-C	NR-BP	LM	GM		NR-SU	NR-PO		
																	A	B	C
Land Uses																			
University or college						CV	CV	C	P	P	P	P	CV	CV					
Vocational school						CV	P	P	P	P	P	P	P	P					
COMMERCIAL USES																			
Agriculture and Animal-related																			
Community garden	P	P	P	P	P	P	P	P	P	P	P	P	C	C			A	A	A
Food, Beverage, and Indoor Entertainment																			
Auditorium or theater						A	A	A	P	P	P	P	P	P					
Health club or gym			A		A	A	P	P	P	P	P	P	P	A					
Residential community amenity, indoor	P	P	P	P	P	P	P	P	P	P									C
Lodging																			
Bed and breakfast	A	CA		A	A	P	P												
Motor Vehicle-related																			
Paid parking lot			A		A	A	C	P	P	A	P	P	P	P	A	A	A		
Parking structure			A		A	A	CA	P	P	P	P	P	P	P	A				
Outdoor Recreation and Entertainment																			
Residential community amenity, outdoor	P	P	P	P	P	P	P	P	P	P									A
Other outdoor entertainment	CA	CA	CA	CA	CA	CA	A	A	A	A	P	P	P	A		P			P
Retail Sales																			
Art gallery	CV	CV	C	P	P	P	P	P	P	P		P	A						
Farmers' market	T		T	T	T	T	T	P	P	P	P	P	CV	CV		P	A	CA	
General retail, small			A			A	P	P	P	P	P	P	P	P					
Transportation																			
Park-and-ride lot						C	C	C	P	C	C	P	C	C	A	A			
Transit facility						C	C	C	P	P	P	P	P	P					
INDUSTRIAL USES																			
Telecommunications, Towers, and Utilities																			
Drainage facility	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	C
Electric utility	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A
Geothermal energy generation	A	A	A	A	A	A	A	A	A	A	A	P	P	P		A	A		
Major utility, other	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A	A	A	A
Solar energy generation	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
Wireless Telecommunications Facility (WTF)																			
Architecturally integrated	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
Non-commercial or broadcasting antenna	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
Collocation	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			

Table 4-2-1: Allowable Uses

P = Permissive Primary C = Conditional Primary A = Permissive Accessory CA = Conditional Accessory
 CV = Conditional if Structure Vacant for 5 years or more T = Temporary Blank Cell = Not Allowed

Zone District >>	Residential										Mixed-use				Non-residential						Use-specific Standards	
	R-A	R-1	R-MC	R-T	R-ML	R-MH	MX-T	MX-L	MX-M	MX-H	NR-C	NR-BP	LM	GM	NR-SU	NR-PO						
																A	B	C				
Public utility collocation	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
Roof-mounted			A		A	A	A	A	A	A	A	A	A	A	A	A	A	A				
Small cell	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Waste and Recycling																						
Recycling drop-off bin facility						A	A	A	A	A	P	P	P	P								4-3(E)(13)
ACCESSORY AND TEMPORARY USES																						
ACCESSORY USES																					4-3(F)(1)	
Agriculture sales stand	A	A	A	A	A	A	A	A	A	A	A	A	CA	CA					A			4-3(F)(2)
Animal keeping	A	A	A	A	A	A	A	A	A	A	A	A	A	A						CA		4-3(F)(3)
Automated Teller Machine (ATM)			A		A	A	A	A	A	A	A	A	A	A					T	T		
Dwelling unit, accessory with kitchen		A		A	A	A	A	A	A		A	A	A	A	A					A		4-3(F)(5)
Dwelling unit, accessory without kitchen	CA	A		A	A	A	A	A	A		A	A	A	A	A					A		4-3(F)(5)
Family care facility	A	A	A	A	A	A	A	A	A													4-3(F)(6)
Family home day care	CA	CA	CA	CA	A	A	A															4-3(F)(7)
Garden	A	A	A	A	A	A	A	A	A	A	A	A	A							A		
Home occupation	A	A	A	A	A	A	A	A	A													4-3(F)(9)
Independent living facility				A	A	A	A	A	A													4-3(F)(10)
Mobile food truck	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A						4-3(F)(11)
Second kitchen in a dwelling	A	A	A	A	A	A	A															4-3(F)(15)
Other use accessory to residential primary use	A	A	A	A	A	A	A	A	A													4-3(F)(17)
TEMPORARY USES																						
Temporary Uses That Require A Permit																						
Construction staging area, trailer, or office	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	4-3(G)(2)
Dwelling, temporary	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	4-3(G)(3)
Fair, festival, or theatrical performance	T	T	T	T	T	T	T	T	T	T	T					T	T	T				4-3(G)(4)
Park-and-ride facility, temporary						T	T	T	T	T	T	T	T	T	T					T		4-3(G)(6)
Real estate office or model home	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T							4-3(G)(7)
Temporary Uses That Do Not Require A Permit																						
Garage or yard sale	T	T	T	T	T	T	T															4-3(G)(10)
Hot air balloon takeoff/landing	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	4-3(G)(11)



County of Bernalillo
State of New Mexico
Planning & Development Services Department
 415 Silver Ave. SW, 2nd Floor
 Albuquerque, New Mexico 87102
 Office: (505) 314-0350 Fax: (505) 314-0480
 www.bernco.gov

April 1, 2022

Regents of the University of New Mexico
 Scholes Hall
 1 University of New Mexico
 Albuquerque, NM 87131

Re: Bernalillo County zoning regulations and State of New Mexico owned parcels


To Whom It May Concern:

This letter shall certify that Bernalillo County Zoning regulations are not applicable to State of New Mexico nor State of New Mexico entity owned properties. Per County records, the following addressed properties are owned by the Regents of the University of New Mexico, or an entity thereof, and are not subject to the requirements of the Comprehensive Zoning Ordinance of Bernalillo County.

- 2000 Las Lomas Rd NE aka 1900 Roma Ave NE
- 1101 Yale Blvd NE
- 1915 Roma Ave NE
- 1925 Las Lomas Rd NE
- 1001 Stanford Dr NE aka 1117 Stanford Dr NE
- 2601 Campus Blvd NE

This certification statement only references the applicability of the Zoning Ordinance as it applies to the aforementioned properties.

Do not hesitate to contact me if you have questions concerning this matter at 314-0388 or at nhamm@bernco.gov.

Sincerely, 
 Nicholas Hamm
 Zoning Administrator

Cc: Casey Hall, cbhall4@unm.edu
 Kelsea Sona, ksona@cabq.gov

COMMISSIONERS

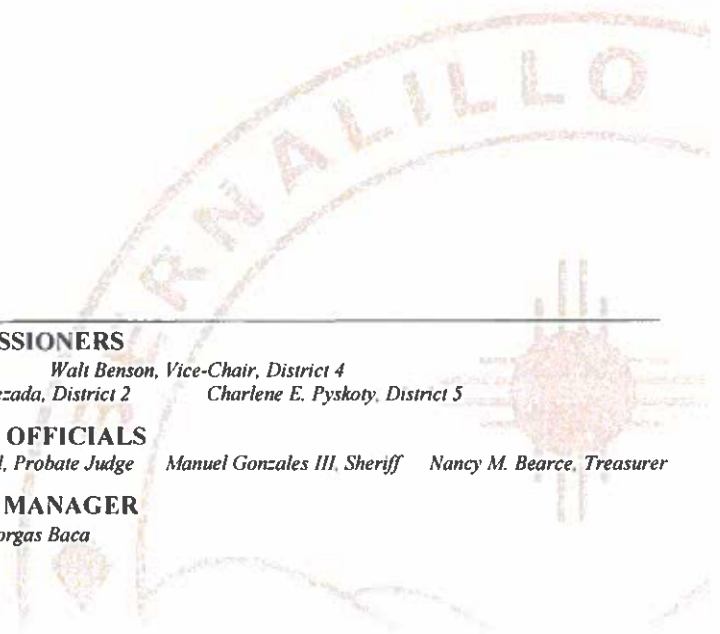
Adriann Barboa, Chair, District 3 Walt Benson, Vice-Chair, District 4
Debbie O'Malley, District 1 Steven Michael Quezada, District 2 Charlene E. Pyskoty, District 5

ELECTED OFFICIALS

Tanya R. Giddings, Assessor Linda Stover, Clerk Cristy J. Carbón-Gaul, Probate Judge Manuel Gonzales III, Sheriff Nancy M. Bearce, Treasurer

COUNTY MANAGER

Julie Morgas Baca



Insert Zoning Cert from BernCo here.

12. ATTACHMENTS

- Proof of payment
- Original Application
- Deadline Extension Request





CITY OF ALBUQUERQUE
 P.O. BOX 1293
 ALBUQUERQUE, NEW MEXICO 87103

RECEIPT

NO. 0961937

DATE 1-31-22

RECEIVED FROM University of New Mexico

ADDRESS

DOLLARS \$ 2135.00

FOR modification of ATC# 175-RV1

FUND ACCT DEPT. ID

ACCOUNT		CASH	CHECK
AMT. OF ACCOUNT			<input checked="" type="checkbox"/>
AMT. PAID			
BALANCE DUE			

40290802

BY *[Signature]*

Casey Hall

From: Pomo, Elizabeth <epomo@cabq.gov>
Sent: Thursday, March 31, 2022 3:52 PM
To: Casey Hall
Cc: Munoz-Dyer, Carina G.
Subject: RE: Permit 1715-RV-1 Deadline Extension Request

[EXTERNAL]

Hi Casey,

Your request has been granted. Please re-submit the application after you obtain the zoning certification.

We will prioritize working on the modification for #1715-RV1 over all of UNM's other pending permit applications so you can move forward with the Title V renewal.

Thank you,
Liz

**ONE
ALBUQUE
RQUE**



Elizabeth M. Pomo, MPH

senior environmental health scientist | environmental health department

o 505.768.2638

m 505.239.7094

cabq.gov/environmentalhealth/

From: Casey Hall <cbhall4@unm.edu>
Sent: Thursday, March 31, 2022 11:35 AM
To: Pomo, Elizabeth <epomo@cabq.gov>
Cc: Munoz-Dyer, Carina G. <cmunoz-dyer@cabq.gov>
Subject: Permit 1715-RV-1 Deadline Extension Request

[EXTERNAL] Forward to phishing@cabq.gov and delete if an email causes any concern.

Good Morning Liz,

Please see the attached letter requesting a formal extension of the April 1, 2022 resubmission deadline for revision to Permit #1715-RV1.

Best,

Casey B. Hall (He/Him/His)
Director
Environmental Health and Safety
University of New Mexico
cbhall4@unm.edu
(315) 885-8683






1715-RV1 First Reapplication V1

Final Audit Report

2022-05-16

Created:	2022-05-16
By:	Casey B Hall (cbhall4@unm.edu)
Status:	Signed
Transaction ID:	CBJCHBCAABAA5q9iyWjiWKXP2gpLBnVPXgJglPSV_Bn

"1715-RV1 First Reapplication V1" History

-  Document created by Casey B Hall (cbhall4@unm.edu)
2022-05-16 - 4:26:44 PM GMT- IP address: 129.24.33.89
-  Document emailed to Norma Allen (nallen@unm.edu) for signature
2022-05-16 - 4:34:40 PM GMT
-  Email viewed by Norma Allen (nallen@unm.edu)
2022-05-16 - 4:35:22 PM GMT- IP address: 129.24.218.199
-  Document e-signed by Norma Allen (nallen@unm.edu)
Signature Date: 2022-05-16 - 4:37:11 PM GMT - Time Source: server- IP address: 129.24.218.199
-  Agreement completed.
2022-05-16 - 4:37:11 PM GMT

