

Pre-Application section

Includes:

- Pre-permit application
- Pre permit application meeting checklist
- Public notice information
- Notice of intent to construct
- Photos of public signage
- Copy of email sent to neighborhood associations



Pre-Permit Application Meeting Request Form

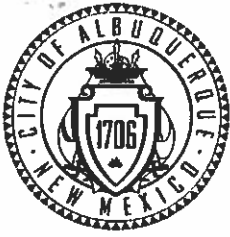
Air Quality Program- Environmental Health Department

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:	NATHAN MARTINEZ
Company/Organization:	CITY OF ALBUQUERQUE D.M.D. F.E.M.D
Point of Contact: (phone number and email): Preferred form of contact (circle one): Phone E-mail	Phone: 505-768-4230 Email: NATHAN.MARTINEZ@CABQ.GOV
Preferred meeting date/times:	OPEN
Description of Project:	MECHANICAL FAILURE OF EXISTING EQUIPMENT @ CITY OF ALBUQUERQUE GOVERNMENT CENTER.

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: NATHAN MARTINEZ
 Contact: 505-768-4230
 Company/Business: CITY OF ABQ. DMD/FEMD

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: CALCULATED & SUBMITTED BASED ON 250 HRS

Air Dispersion modeling guidelines and protocol
 Notes: WAIVER SENT

Department Policies
 Notes: —————

Air quality permit fees
 Notes: SENT FUNDING STRING

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: **REGAN PROVIDED
E-MAIL ADDRESSES**

- Posting and maintaining a weather-proof sign
- Notes:

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:

**PERMIT # 994 FOR EMERGENCY GEN.
TIMELINE: 30 DAYS TO APPROVE OR DENY.
30 DAYS TO COMMENT (PUBLIC)**

FEE: SECTION III

**NOTIFICATION: PUBLIC EMAIL TO NEIGHBORHOOD
ASSOCIATIONS. POST SIGN.**



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: Nathan Martinez
Contact: 505-768-4230
Company/Business: City Of Albuquerque Department of Municipal Development

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:



Martinez, Nathan

From: Martinez, Nathan
Sent: Wednesday, June 17, 2020 11:43 AM
To: kvandergaarden@gmail.com; gillingworth@hoamco.com;
rc@silverplatinumdowntown.org; leon@silverplatinumdowntown.org;
sbmartineztown@gmail.com; colburn.ian@gmail.com; lnjalopez@msn.com;
lnjalopez@msn.com; andersonbonnie505@gmail.com; alouisa.carson@gmail.com;
rob@abqhigh.com; john@innovateabq.com; info@abqdna.com;
treasurer@abqdna.com; zoning@abqdna.com; cicm-na@comcast.net; lizzie10@q.com;
barelasna@gmail.com; alicia_chavez77@yahoo.com; baca3221@hotmail.com
Cc: Eyerman, Regan V.; Tavarez, Isreal L.; Herrera, Stacy; Martinez, Nathan; Sourisseau, Kevin;
Clifford Youngberg
Subject: Notice of intent to construct form 1 civic plaza NW City of Albuquerque Government
Building
Attachments: Notice of Intent FINAL 6.15.2020.docx

Good afternoon All-

The attached document is a formal Notice of Intent to Construct form mandated by the City of Albuquerque Environmental Health Department Air Quality Division.

The City of Albuquerque Department of Municipal Development, Facility and Energy Management Division is submitting this Notice of Intent to Construct form for the purposes of replacing a failed diesel powered emergency generator located at 1 Civic plaza NW Albuquerque NM 87102.

SUMMARY-

In the summer of 2019 the emergency diesel powered stand by generator located in the penthouse of the City of Albuquerque Government Center had a catastrophic engine failure. The Facility and Energy Management Division worked collectively with local engineering firms to develop a replacement strategy to protect the existing systems which include life safety systems, computer equipment and other essential equipment at the government center. Subsequently, the decision to replace the generator altogether was the best alternative. Repairs to the existing generator would be costly and impractical, not to mention the repairs to the existing standby generator would not improve emissions. The attached Notice of Intent to Construct form is based on two separate emergency standby generators.

1. A complete replacement and relocation of a new permanent emergency standby generator.
2. A temporary mobile generator placed in the loading dock to provide protection while under design and construction.

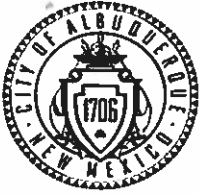
We are excited about the lower emissions and reduced run times which are in line with our objective for cleaner air to those who live in the City of Albuquerque.

This is a revision to the Notice of Intent to Construct form sent on April the 16th of 2020. This revision includes the higher emissions of either the temporary generator (which was placed on site to protect the critical building systems) and the proposed permanent generator.

Thank you very much for your time.



Nathan Martinez, PMP
Facilities Official
Department of Municipal Development
City of Albuquerque
O-505-768-4230



Notice of Intent to Construct



Under 20.11.41.13B NMAC, the owner/operator is required 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 if they propose to construct or establish a new facility or make modifications to an existing facility that is subject to 20.11.41 NMAC – Construction Permits. **A copy of this form must be included with the application.**

Applicant's name and address:

Nombre y domicilio del solicitante:

City of Albuquerque Dept. of Municipal Development, 1 Civic plaza NW ABQ. NM, 87102

Owner or operator's name and address:

Nombre y domicilio del propietario u operador:

City of Albuquerque Dept. of Municipal Development, 1 Civic plaza NW ABQ. NM, 87102

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

Fecha actual o estimada en que se entregará la solicitud al departamento: June 17, 2020

Description of the source: *New: 1482 horsepower diesel powered emergency standby generator to replace existing generator and an existing 5.23 mmBTU per hour natural gas boiler.
Temporary: 1353 horsepower diesel powered emergency standby generator to replace existing generator and an existing 5.23 mm BTU per hour natural gas boiler.*

Descripción de la fuente:

Exact Location of the Source or Proposed Source:

Ubicación exacta de la fuente o fuente propuesta:

1 Civic Plaza NW ABQ NM 87102, ground level west side of building for permanent replacement and the loading dock for the temporary generator

Nature of business:

Tipo de negocio:

Local municipal government

Process or change for which the permit is requested:

Existing emergency power generator failure. Replacement is necessary for emergency power to protect life, safety and critical equipment. The permanent and temporary replacement generator will be substantially more efficient in terms of emissions based on new engine efficiencies and emissions data. There is also a temporary emergency diesel powered generator included in this Notice of intent to construct. The highest emissions generator will be submitted on this notice of intent to construct.

Proceso or cambio para el cuál de solicita el permiso:

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 air regulado que la fuente va a emitir:

Air Contaminant	Proposed Construction Permit	Net Changes (for permit modification or technical revision)
-----------------	------------------------------	--

Contaminante de aire	Permiso de Construcción Propuesto		Cambio Neto de Emisiones (para modificación de permiso o revisión técnica)	
	pounds per hour libras por hora	tons per year toneladas por año	pounds per hour libras por hora	tons per year toneladas por año
CO	2.25	.28	-6.74	-2.41
NOx	13.47	2.22	-24.73	-10.57
VOC	0.228	0.028	-3.07	-.771
SO2	0.359	0.044	-2.44	-.655
PM10	0.359	0.044	-2.64	-.75
PM2.5	0.359	0.044	-2.64	-.75
HAP	N/A	N/A	N/A	N/A

Maximum operating schedule:

Horario máximo de operaciones:

Weekly exercising and emergency operations only

Normal operating schedule:

Horario normal de operaciones:

Undetermined based on need (power failure)

Current contact information for comments and inquires:

Datos actuales para comentarios y preguntas:

Name (Nombre): Nathan Martinez, Facilities Official DMD/FEMD

Address (Domicilio): 1801 4th street Building B NW ABQ NM 87102

Phone Number (Número Telefónico): 505-768-4230

E-mail Address (Correo Electrónico): nathanmartinez@cabq.gov

If you have any comments about the construction or operation of the above facility, and you want your comments to be made as part of the permit review process, you must submit your comments in writing to the address below:

Environmental Health Manager
Permitting Division
Albuquerque Environmental Health Department
Air Quality Program
P.O. Box 1293
Albuquerque, New Mexico 87103
(505) 768-1972

Other comments and questions may be submitted verbally.

Please refer to the company name and facility name, as used in this notice or send a copy of this notice along with your comments, since the Department may not have received the permit application at the time of this notice. Please include a legible mailing address with your comments. Once the Department has performed a preliminary review of the application and its air quality impacts, if required, the Department's notice will be published on the City of Albuquerque's website, <https://www.cabq.gov/airquality/air-quality-permits> and mailed to neighborhood associations and neighborhood coalitions near the facility location or near the facility proposed location.

Martinez, Nathan

From: Eyerman, Regan V.
Sent: Tuesday, June 16, 2020 3:18 PM
To: Martinez, Nathan
Cc: Munoz-Dyer, Carina G.; Tavarez, Isreal L.
Subject: Notice of Intent to Construct form

Good afternoon Nathan,

It was good speaking to you today. Below is what we discussed regarding the public notice for the updated application to modify Air Quality Construction Permit #994:

- For boilers and engines, the majority of particulate matter is very small ($\leq 2.5 \mu\text{m}$), so TSP = PM10 = PM2.5. The Notice of Intent to Construct form was recently updated and is below. Since the values are equal please put the TSP emissions values into the PM10 and PM2.5 rows for both the boiler and the engine: <http://documents.cabq.gov/environmental-health/airquality/Forms/Notice%20of%20Intent%2004142020.pdf>
- Hazardous Air Pollutants emissions are miniscule for emergency engines and boilers and do not need to be included in the application or the public notice
- The temporary Cat Model C32 engine will be replaced by the Cummins Model DQFAD engine and so they will not operate at the same time. However, the maximum emissions rate for each pollutant from operating either the Cat or Cummins engine should be used in the form.

If I can be of further assistance please do not hesitate to contact me.



Regan Eyerman, P.E.

senior environmental health scientist | environmental health department

o 505.767.5625

cabq.gov/environmentalhealth/

Application section

Includes:

- 4.A-AQD forms
- 4.B-funding string from DMD to AQD/Permit application review fee checklist
- 4.C,-4.D applicant information/contact information
- 4.E-date of application
- 4.F-organization information
- 4.G-facility description
- 4.H-operating schedule
- 4.I-regulated air contamination
- 4.J-operational needs
- 4.K/4.L-maps and aerial views
- 4.M-UTM zones and coordinates
- 4.N-SIC code
- 4.O-potential emissions rate
- 4.P-controlled air contaminants
- 4.Q-basis or source for emissions
- 4.R-potential and controlled emissions rates
- 4.S-basis for estimated control efficiencies
- 4.T-fuel data for fuel burning equipment
- 4.U -maximum production capacity of the facility
- 4.V-stack and exhaust parameters
- 4.W-dispersion model waiver
- 4.X-preliminary operational plan (emergency response plan) to mitigate excess emissions
- 4.Y- process flow sheet
- 4.Z calculations based on formula provided by AQD on separate external drive
- 4.AA-description of equipment
- 4.BB-signature



Albuquerque Environmental Health Department - Air Quality Program

Please mail this application to **P.O. Box 1293, Albuquerque, NM 87103**
or hand deliver between 8:00am - 5:00pm Monday - Friday to:
3rd Floor, Suite 3023 - One Civic Plaza NW, Albuquerque, New Mexico 87103
(505) 768 - 1972 aqd@cabq.gov (505) 768 - 1977 (Fax)



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

Clearly handwritten or type

Corporate Information

Submittal Date: 06 / 17 / 2020

- 1. Company Name *City of Albuquerque DMD* _____ 2. Street Address *1 Civic Plaza NW ABQ NM* _____ Zip *87102* _____
- 3. Company *City Albuquerque* _____ 4. Company State *NM* _____ 5. Company Phone *505-768-4230* _____ 6. Company Fax _____
- 7. Company Mailing Address: *1801 4th street Building B NW ABQ NM 87102*
- 8. Company Contact and Title: *Nathan Martinez, PMP Facilities Official* 9. Phone *505-768-4230* 10. E-mail *nathanmartinez@cabq.gov* _____

Stationary Source (Facility) Information: Provide a plot plan (legal description/drawing of facility property) with overlay sketch of facility processes; Location of emission points; Pollutant type and distances to property boundaries

- 1. Facility Name *City of Albuquerque Government Center* _____ 2. Street Address *1 Civic Plaza NW ABQ NM 87102* _____
- 3. City *Albuquerque* _____ 4. State *NM* _____ 5. Facility Phone (*505*) *768-4230* _____ 6. Facility E-mail: *nathanmartinez@cabq.gov* _____
- 7. Facility Mailing Address (Local) *1801 4th Street NW ABQ NM* _____ Zip *87102* _____
- 8. Latitude - Longitude or UTM Coordinates of Facility *Latitude: 35.087630 Longitude: -106.651670* _____
- 9. Facility Contact and Title *Nathan Martinez* _____ 10. Phone *505-768-4230* _____ 11. E-mail *nathanmartinez@cabq.gov* _____

General Operation Information (if any further information request does not pertain to your facility, write N/A on the line or in the box)

- 1. Facility Type (description of your facility operations) *Municipal Government/Office building* _____
- 2. Standard Industrial Classification (SIC 4 digit #) *9199* _____ 3. North American Industry Classification System (NAICS Code #) *921190* _____
- 4. Is facility currently operating in Bernalillo County. **Yes** ___ If yes, date of original construction *12* / *19* / *1985* ___ If no, planned startup is ___ / ___ / ___
- 5. Is facility permanent **Yes** ___ If no, give dates for requested temporary operation - from ___ / ___ / ___ through ___ / ___ / ___
- 6. Is facility process equipment new **Yes** ___ If no, give actual or estimated manufacture or installation dates in the Process Equipment Table
- 7. Is application for a modification, expansion, or reconstruction (altering process, or adding, or replacing process equipment, etc.) to an existing facility which will result in a change in emissions **Yes** ___ If yes, give the manufacture date of modified, added, or replacement equipment in the Process Equipment Table modification date column, or the operation changes to existing process/equipment which cause an emission increase
- 8. Is facility operation (circle one)? [Continuous Intermittent Batch]
- 9. Estimated % of production Jan-Mar *25%* ___ Apr-Jun *25%* ___ Jul-Sep *25%* ___ Oct-Dec *25%* ___
- 10. Current or requested operating times of facility ___ hrs/day ___ days/wk ___ wks/mo *12* ___ mos/yr 11. Business hrs *7:00* ___ am/pm to *6:00* ___ am/pm
- 12. Will there be special or seasonal operating times other than shown above **No** ___ If yes, explain _____

13. Raw materials processed None 14. Saleable item(s)
produced None

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)**

15. Permitting Action Being Requested

New Permit Permit Modification Technical Permit Revision Administrative Permit Revision
 Current Permit #: 994 Current Permit #: _____ Current Permit #: _____

PROCESS EQUIPMENT TABLE

(Generator-Crusher-Screen-Conveyor-Boiler-Mixer-Spray Guns-Saws-Sander-Oven-Dryer-Furnace-Incinerator, etc.)

Process Equipment Unit	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date	Size or Process Rate (Hp;kW;Btu;ft ³ ;lbs; tons;yd ³ ;etc.)	Fuel Type
Example 1. Generator	Unigen	B-2500	A56732195C-222	7/96	7/97	N/A	250 Hp - HR. YR.	Diesel
Example 2. Spray Gun	HVLP Systems	Spray-N-Stay 1100	k26-56-95	01/97	11/97	N/A	0.25 gal. - HR. YR.	Electric Compressor
1. Generator (permanent)	Cummins	DQFAD	TBD	2020	6/2020	N/A	1482 HP.	Diesel
2. Boiler	Sellers	C-125-W	98095		1985	N/A	5231000 BTU/HR	Natural Gas
3. Generator (temporary)	Caterpillar	C32	98095	2015	2019	N/A	HR. 1353 HP YR.	Diesel

1. Basis for Equipment Size or Process Rate (Manufacturers data, Field Observation/Test, etc.) Specification/Emissions sheet. see attached for temporary or permanent generator only _____ Submit information for each unit as an attachment

EXEMPTED SOURCES AND EXEMPTED ACTIVITES

(Generator-Crusher-Screen-Conveyor-Boiler-Mixer-Spray Guns-Saws-Sander-Oven-Dryer-Furnace-Incinerator, etc.)

Process Equipment Unit	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date	Size or Process Rate (Hp;kW;Btu;ft ³ ;lbs; tons;yd ³ ;etc.)	Fuel Type
Example 1. Generator	Unigen	B-2500	A56732195C-222	7/96	7/97	N/A	250 Hp - HR. YR.	Diesel
Example 2. Spray Gun	HVLP Systems	Spray-N-Stay 1100	k26-56-95	01/97	11/97	N/A	0.25 gal. - HR. YR.	Electric Compressor
1.							HR. YR.	
2.							HR. YR.	
3.							HR. YR.	

1. Basis for Equipment Size or Process Rate (Manufacturers data, Field Observation/Test, etc.) N/A _____ Submit information for each unit as an attachment

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)**

UNCONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8,760 hrs)

Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOCs)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers' data, etc.)
Example I. Generator	1. 9.1 lbs/hr	27.7 lbs/hr	1.3 lbs/hr	0.5 lbs/hr	2.0 lbs/hr	AP-42
	1a. 39.9 tons/yr	121.3 tons/yr	5.7 tons/yr	2.2 tons/yr	8.8 tons/yr	
1. Generator (permanent)	1. 2.153 lbs/hr	12.90 lbs/hr	.228 lbs/hr	.359 lbs/hr	.36 lbs/hr	8760 hours
	1a. 9.44 tons/yr	56.52 tons/yr	1.00 tons/yr	1.57 tons/yr	1.57 tons/yr	
2. Boiler	2. 0.43 lbs/hr	0.513 lbs/hr	.03 lbs/hr	.003 lbs/hr	.04 lbs/hr	8760 hours
	2a. 1.89 tons/yr	2.25 tons/yr	.123 tons/yr	.0134 tons/yr	.17 tons/yr	
3. Generator (temporary)	3. .69 lbs/hr	17.27 lbs/hr	.09 lbs/hr	.11 lbs/hr	.04 lbs/hr	8760 hours
	3a. 3.02 tons/yr	75.64 tons/yr	.4 tons/yr	.505 tons/yr	.17 tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 1 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet.

* If all of these process units, individually and in combination, have an uncontrolled emission less than or equal to (\leq) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8760 hrs of operation), but > 1 ton/yr for any of the above pollutants - then a source registration is required.

Note: If your source does not require a registration or permit, based on above pollutant emissions, complete the remainder of this application to determine if a registration or permit would be required for any Toxic or Hazardous pollutants used at your facility.

Copy this page if additional space is needed for either table (begin numbering with 4., 5., etc.)

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)**

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg.2)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOCs)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Equipment	% Efficiency
I. Example Generator	1. 9.1 lbs/hr	27.7 lbs/hr	1.3 lbs/hr	0.5 lbs/hr	2.0 lbs/hr	Operating Hours	N/A
	1a. 18.2 tons/yr	55.4 tons/yr	2.6 tons/yr	1.0 tons/yr	4.0 tons/yr		
1. Generator (permanent)	1. 2.153 lbs/hr	12.90 lbs/hr	0.228 lbs/hr	.36 lbs/hr	.36/hr		
	1a. .269 tons/yr	1.613 tons/yr	.028 tons/yr	.044tons/yr	1a. .044tons/yr		
2. Boiler	2. 0.43 lbs/hr	0.513 lbs/hr	.028lbs/hr	.003lbs/hr	.04lbs/hr		
	2a. 1.89 tons/yr	2.24 tons/yr	.123tons/yr	.0134tons/yr	.17tons/yr		
3. Generator (temporary)	3. .69lbs/hr	17.27lbs/hr	.09lbs/hr	.11lbs/hr	.09lbs/hr		
	3a. .9tons/yr	2.16tons/yr	.011tons/yr	.014tons/yr	.011tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)
Submit information for each unit as an attachment Emissions Data Sheet for temporary and permanent Generators only

2. Explain and give estimated amounts of any Fugitive Emissions associated with facility processes
N/A

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)**

****TOXIC EMISSIONS**

VOLATILE, HAZARDOUS, & VOLATILE HAZARDOUS AIR POLLUTANT EMISSION TABLE

Product Categories (Coatings, Solvents, Thinners, etc.)	Volatile Organic Compound (VOC), Hazardous Air Pollutant (HAP), or Volatile Hazardous Air Pollutant (VHAP) Primary To The Representative As Purchased Product	Chemical Abstract Service Number (CAS) Of VOC, HAP, Or VHAP From Representative As Purchased Product	VOC, HAP, Or VHAP Concentration Of Representative As Purchased Product (pounds/gallon, or %)	1. How were Concentrations Determined (CPDS, MSDS, etc.)	Total Product Purchases For Category		Quantity Of Product Recovered & Disposed For Category		Total Product Usage For Category
					(-)	(=)	(-)	(=)	
EXAMPLE 1. Cleaning Solvents	TOLUENE	108883	70%	PRODUCT LABEL	lbs/yr		lbs/yr		lbs/y
					200 gal/yr	(-)	50 gal/yr	(=)	150 gal/yr
1.					lbs/yr		lbs/yr		lbs/y
					gal/yr	(-)	gal/yr	(=)	gal/y
2.					lbs/yr		lbs/yr		lbs/y
					gal/yr	(-)	gal/yr	(=)	gal/y
3.					lbs/yr		lbs/yr		lbs/y
					gal/yr	(-)	gal/yr	(=)	gal/y

1. Basis for percent (%) determinations (Certified Product Data Sheets, Material Safety Data Sheets, etc.). 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.

****NOTE: A REGISTRATION IS REQUIRED, AT MINIMUM, FOR ANY AMOUNT OF HAP OR VHAP EMISSION. A PERMIT MAY BE REQUIRED FOR THESE EMISSIONS, IF THE SOURCE MEETS THE REQUIREMENTS OF PART 41.**

Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)

MATERIAL AND FUEL STORAGE TABLE

(Tanks, barrels, silos, stockpiles, etc.) Copy this table if additional space is needed (begin numbering with 4., 5., etc.)

Storage Equipment	Product Stored	Capacity (bbls - tons gal - acres, etc)	Above or Below Ground	Construction (welded, riveted) & Color	Install Date	Loading Rate	Offloading Rate	True Vapor Pressure	Control Equipment	Seal Type	% Eff.
Example 1. Tank	diesel fuel	5,000 gal.	Below	welded/ brown	3/93	3000gal HR. YR.	500 gal. - HR. YR.	N/A Psia	N/A	N/A	N/A
Example 2. Barrels	Solvent	55 gal Drum	Above - in storage room	welded/green	N/A	N/A HR. YR.	N/A HR. YR.	N/A Psia	N/A	N/A	N/A
1. Tank (permanent)	Diesel	1020 gallons	Above	Steel Welded	6/2020	HR. YR.	71.9 72.2 HR. YR.	Psia			
2. Tank (temporary)	Diesel	990	Above	Steel welded	2015	HR. YR.	64.9 HR. YR.	Psia			
3.						HR. YR.	HR. YR.	Psia			

1. Basis for Loading/Offloading Rate (Manufacturers data, Field Observation/Test, etc.) Manufacturers specification sheet. See attached.

Submit information for each unit as an attachment.

2. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.) N/A

Submit information for each unit as an attachment.

STACK AND EMISSION MEASUREMENT TABLE

If any equipment from the Process Equipment Table (Page 2) is also listed in this Stack Table, use the same numbered line for the Process Equipment unit on both Table to show the association between the Process Equipment and it's Stack. Copy this table if additional space is needed (begin numbering with 4., 5., etc.).

Process Equipment	Pollutant (CO, NOx, TSP, Toluene, etc)	Control Equipment	Control Efficiency	Stack Height & Diameter in feet	Stack Temp.	Stack Velocity & Exit Direction	Emission Measurement Equipment Type	Range-Sensitivity-Accuracy-
Example 1. Generator	CO, NOx, TSP, SO ₂ , NMHC	N/A	N/A	18 ft. - H 0.8 ft. - D	225 °F	6,000 ft ³ /min - V Exit - upward	N/A	N/A
Example 2. Spray Gun	TSP, xylene, toluene, MIBK	Spray Booth	99% for TSP	9 ft. - H 0.5 ft. - D	ambient	10,000 ft ³ /min - V Exit - horizontal	N/A	N/A
1. Generator (permanent)	CO, NOx, TSP, etc...	N/A	N/A	TBD	890F	7540 ft ³ /min Exit upward	N/A	N/A
2. Generator (temporary)	CO, NOx, TSP, etc...	N/A	N/A	15ft. High .75 ft Diameter	859.3F	7493.4 Exit upward	N/A	N/A
3.								

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.) Submit information for each unit as an attachment N/A

ADDITIONAL COMMENTS OR INFORMATION

I, the undersigned, a responsible officer of the applicant company, certify that to the best of my knowledge, the information stated on this application, together with associated drawings, specifications, and other data, give a true and complete representation of the existing, modified existing, or planned new stationary source with respect to air pollution sources and control equipment. I also understand that any significant omissions, errors, or misrepresentations in these data will be cause for revocation of part or all of the resulting registration or permit.

Signed this 17 day of JUNE, 2020

NATHAN MARTINEZ
Print Name

FACILITIES OFFICIAL
Print Title

[Signature]
Signature

Martinez, Nathan

From: Ching, Christine
Sent: Friday, April 10, 2020 8:11 AM
To: Martinez, Nathan
Cc: Baum, Kerri D.; Holguin, Jennifer L.; Camarena, Alexis N.
Subject: RE: Discuss Next Steps for the City of Albuquerque Department of Municipal Development's Project to Install a New Backup Emergency Generator at 1 Civic Plaza

Nathan,

Should come out of operating:
110/2438000

Christine Ching

Fiscal Manager

Department of Municipal Development

One Civic Plaza NW | Room 7057

PO Box 1293 | Albuquerque, New Mexico 87103

Office: 505.768.3830 | Direct: 505.768.3811 | Fax: 505.768.3810

From: Martinez, Nathan <nathanmartinez@cabq.gov>
Sent: Friday, April 10, 2020 7:56 AM
To: Ching, Christine <CChing@cabq.gov>
Cc: Baum, Kerri D. <kbaum@cabq.gov>; Holguin, Jennifer L. <jholguin@cabq.gov>; Camarena, Alexis N. <acamarena@cabq.gov>
Subject: FW: Discuss Next Steps for the City of Albuquerque Department of Municipal Development's Project to Install a New Backup Emergency Generator at 1 Civic Plaza

Christine, I have to pay feed for the air quality permit. How do we pay another city department?



Nathan Martinez, PMP
Facilities Official
Department of Municipal Development
City of Albuquerque
O-505-768-4230

From: Eyerman, Regan V. <reyerman@cabq.gov>
Sent: Wednesday, April 8, 2020 1:47 PM
To: Martinez, Nathan <nathanmartinez@cabq.gov>



City of Albuquerque

Environmental Health Department

Air Quality Program



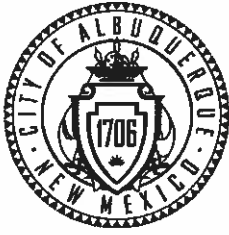
Permit Application Review Fee Instructions

All source registration, authority-to-construct, and operating permit applications for stationary or portable sources shall be charged an application review fee according to the fee schedule in 20.11.2 NMAC. These filing fees are required for both new construction, reconstruction, and permit modifications applications. Qualified small businesses as defined in 20.11.2 NMAC may be eligible to pay one-half of the application review fees and 100% of all applicable federal program review fees.

Please fill out the permit application review fee checklist and submit with a check or money order payable to the "City of Albuquerque Fund 242" and either:

1. be delivered in person to the Albuquerque Environmental Health Department, 3rd floor, Suite 3023 or Suite 3027, Albuquerque-Bernalillo County Government Center, south building, One Civic Plaza NW, Albuquerque, NM or,
2. mailed to Attn: Air Quality Program, Albuquerque Environmental Health Department, P.O. Box 1293, Albuquerque, NM 87103.

The department will provide a receipt of payment to the applicant. The person delivering or filing a submittal shall attach a copy of the receipt of payment to the submittal as proof of payment. Application review fees shall not be refunded without the written approval of the manager. If a refund is requested, a reasonable professional service fee to cover the costs of staff time involved in processing such requests shall be assessed. Please refer to 20.11.2 NMAC (effective January 10, 2011) for more detail concerning the "Fees" regulation as this checklist does not relieve the applicant from any applicable requirement of the regulation.



City of Albuquerque
Environmental Health Department
Air Quality Program



Permit Application 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 ruling a submitted application complete each application submitted shall contain the required items listed below. **This checklist must be returned 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.

All applicants shall:

1. Fill out and submit the *Pre-permit Application Meeting Request* form
 - a. Attach a copy to this application

2. Attend the pre-permit application meeting
 - a. Attach a copy of the completed *Pre-permit Application Meeting Checklist* to this application

3. Provide public notice to the appropriate parties
 - a. Attach a copy of the completed *Notice of Intent to Construct* form to this form
 - i. Neighborhood Association(s): EMAIL ATTACHED SENT 6.17.2020
EMAIL LIST PROVIDED BY AQD
 - ii. Coalition(s): _____
 - b. Attach a copy of the completed *Public Sign Notice Guideline* form

4. Fill out and submit the *Permit Application*. All applications shall:
 - A. be made on a form provided by the Department. Additional text, tables, calculations or clarifying information may also be attached to the form.
 - B. at the time of application, include documentary proof that all applicable permit application review fees have been paid as required by 20 NMAC 11.02. Please refer to the attached permit application worksheet.
 - C. contain the applicant's name, address, and the names and addresses of all other owners or operators of the emission sources.

- D. contain the name, address, and phone number of a person to contact regarding questions about the facility.
- E. indicate the date the application was completed and submitted
- F. contain the company name, which identifies this particular site.
- G. contain a written description of the facility and/or modification including all operations affecting air emissions.
- H. contain the maximum and standard operating schedules for the source after completion of construction or modification in terms of hours per day, days per week, and weeks per year.
- I. provide sufficient information to describe the quantities and nature of any regulated air contaminant (including any amount of a hazardous air pollutant) that the source will emit during:
- Normal operation
 - Maximum operation
 - Abnormal emissions from malfunction, start-up and shutdown
- J. include anticipated operational needs to allow for reasonable operational scenarios to avoid delays from needing additional permitting in the future.
- K. contain a map, such as a 7.5-minute USGS topographic quadrangle, showing the exact location of the source; and include physical address of the proposed source.
- L. contain 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 to by the department in writing.
- M. contain the UTM zone and UTM coordinates.
- N. include the four digit Standard Industrialized Code (SIC) and the North American Industrial Classification System (NAICS).
- O. contain the types and **potential emission rate** amounts of any regulated air contaminants the new source or modification will emit. Complete appropriate sections of the application; attachments can be used to supplement the application, but not replace it.
- P. contain the types and **controlled** amounts of any regulated air contaminants the new source or modification will emit. Complete appropriate sections of the application; attachments can be used to supplement the application, but not replace it.

- Q. contain the basis or source for each emission rate (include the manufacturer's specification sheets, AP-42 Section sheets, test data, or other data when used as the source).
- R. contain all calculations used to estimate **potential emission rate** and **controlled emissions**.
- S. contain the basis for the estimated control efficiencies and sufficient engineering data for verification of the control equipment operation, including if necessary, design drawings, test reports, and factors which affect the normal operation (e.g. limits to normal operation).
- T. contain fuel data for each existing and/or proposed piece of fuel burning equipment.
- U. contain the anticipated maximum production capacity of the entire facility and the requested production capacity after construction and/or modification.
- V. contain the stack and exhaust gas parameters for all existing and proposed emission stacks.
- W. provide an ambient impact analysis using a atmospheric dispersion model approved by the US Environmental Protection Agency (EPA), and the Department to demonstrate compliance with the ambient air quality standards for the City of Albuquerque and Bernalillo County (See 20.11.01 NMAC). If you are modifying an existing source, the modeling must include the emissions of the entire source to demonstrate the impact the new or modified source(s) will have on existing plant emissions.
- X. contain a preliminary operational plan defining the measures to be taken to mitigate source emissions during malfunction, startup, or shutdown.
- Y. contain a process flow sheet, including a material balance, of all components of the facility that would be involved in routine operations. Indicate all emission points, including fugitive points.
- Z. contain a full description, including all calculations and the basis for all control efficiencies presented, of the equipment to be used for air pollution control. This shall include a process flow sheet or, if the Department so requires, layout and assembly drawings, design plans, test reports and factors which affect the normal equipment operation, including control and/or process equipment operating limitations.
- AA. contain description of the equipment or methods proposed by the applicant to be used for emission measurement.
- BB. be signed under oath or affirmation by a corporate officer, authorized to bind the company into legal agreements, certifying to the best of his or her knowledge the truth of all information submitted.

PERMANENT GEN



Exhaust emission data sheet
1000DQFAD
60 Hz Diesel generator set

~~PERMANENT GEN~~

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)	371	741	1112	1482	1322
Fuel consumption (gal/Hr)	19.1	35.8	54.1	72.2	63.9
Exhaust gas flow (CFM)	2780	4500	6370	7540	6950
Exhaust gas temperature (°F)	620	760	814	890	873
<u>Exhaust emission data</u>					
HC (Total unburned hydrocarbons) ^{VOC}	0.12	0.10	0.08	0.07	0.08
NOx (Oxides of nitrogen as NO ₂)	4.17	5.20	3.87	3.95	4.00
CO (Carbon monoxide)	0.66	0.36	0.48	0.66	0.58
PM (Particular matter)	0.19	0.15	0.12	0.11	0.11
SO ₂ (Sulfur dioxide)	0.11	0.10	0.10	0.11	0.10
Smoke (Bosch)	0.88	0.80	0.79	0.73	0.75

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 ($\pm 2\%$). 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 \pm 9 °F (at fuel pump inlet)
Intake air temperature:	77 \pm 9 °F
Barometric pressure:	29.6 \pm 1 in. Hg
Humidity:	NOx measurement corrected to 75 grains H ₂ O/lb dry air
Reference standard:	ISO 8178

The NO_x, 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.

Application for Air Pollutant Sources in Bernahilo County
 Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)

MATERIAL AND FUEL STORAGE TABLE

(Tanks, barrels, silos, stockpiles, etc.) Copy this table if additional space is needed (begin numbering with 4, 5, etc.)

Storage Equipment	Product Stored	Capacity (liters - max gal - kg/1000kg)	Above or Below Ground	Construction (welded, riveted) & Color	Install Date	Loading Rate	Offloading Rate	True Vapor Pressure	Control Equipment	Seal Type	% EE
Example 1. Tank	Metal fluid	5,000 gal.	Below	welded/ brown	1/93	1000gal HR. 99%	500 gal. HR. 99%	N/A	N/A	N/A	N/A
Example 2. Barrels	Solvent	55 gal Drum	Above - in storage room	welded/green	N/A	N/A HR. YR.	N/A HR. YR.	N/A	N/A	N/A	N/A
1. Tank	Diesel	1020 gal (Max)	Above	Steel welded	6/2020	N/A HR. YR.	72.2 gal. HR. YR.	N/A	N/A	N/A	N/A
2.						HR. YR.	HR. YR.	EMA			
3.						HR. YR.	HR. YR.	EMA			

1. Basis for Loading/Offloading Rate (Manufacturers data, Field Observation Test, etc.) See below
 Submit information for each unit as an attachment.

2. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-41, etc.)
 Submit information for each unit as an attachment.

Manufacturer Data: Tank is equipped with all the safety features and equipment shown below:

- Genset Sub-Base Fuel Tank**
- 1 Double Wall Sub-Base Fuel Tank SCGBT-1020 SST07478 INCLUDED
 - UL-142 Listed & Labeled 72.2GPH
 - 867G Useable Capacity, 1020G Maximum Capacity Freight IN> INCLUDED
 - 12 Hour Useable Full Load Capacity
 - Engine Supply & Return Connections
 - Integral Welded Fuel Fill Spill Containment
 - Stub-Up Zone= DUAL Sides (LEFT & RIGHT)
 - Pads for ACE Mountings Vibration Isolators
 - 1 2" Normal Vent-Fuel Cell - C&B (Extend 12" Above Grade) 401-01-2000 Br55 Tech inst. INCLUDED
 - 1 2" Normal Vent-Containment Basin - C&B 401-01-2000 SST INCLUDED
 - 1 6" Emergency Vent-Fuel Cell - OPW 201M-6081 SST INCLUDED
 - 1 6" Emergency Vent-Containment Basin - OPW 201M-6081 SST INCLUDED
 - Extend Normal Cell Vent Per NFPA INCLUDED
 - 1 Mechanical Fuel Level Gauge - Krueger KRG SST INCLUDED
 - 1 Low Level Float Switch - 50% Fuel Level - Madison M4500 SST INCLUDED
 - 1 High Level Float Switch - 90% Fuel Level - Madison M4500 Br55 INV inst. INCLUDED
 - 1 High Level Float Switch - 95% Fuel Level - Madison M4500 Br55 INV inst. INCLUDED
 - 1 Basin Leak Detection Float Switch - Madison M4500 SST INCLUDED
 - 1 2" Solenoid Valve, 24VDC - Fuel Shut Off; N.C. 2W500-2-2-D-V Br55 INV CS: INCLUDED
 - 1 Solenoid Control/ High Level Alarm Box- Audible HLA2 Br55 INV wire INCLUDED
 - 1 2" Camlock Locking Cap - OPW 3LX40 Grainger INCLUDED
 - 1 Inlet Spout 3LX34 Grainger INCLUDED
 - 2" Spacer Set under tank
 - Shop Supplies/ Fittings INCLUDED
- 1 Morrison Spark Arrestor- 2" NORMAL VENT 352-SS EATON INCLUDED

TEMPORARY MOBILE GENERATOR

PERFORMANCE DATA[DM9934]

May 28, 2020

Performance Number: DM9934

Change Level: 05

SALES MODEL:	C32	COMBUSTION:	DIRECT INJECTION
BRAND:	CAT	ENGINE SPEED (RPM):	1,800
ENGINE POWER (BHP):	1,352	HERTZ:	60
GEN POWER WITH FAN (EKW):	910.0	FAN POWER (HP):	56.3
COMPRESSION RATIO:	15.0	ASPIRATION:	TA
RATING LEVEL:	PRIME	AFTERCOOLER TYPE:	ATAAC
PUMP QUANTITY:	1	AFTERCOOLER CIRCUIT TYPE:	JW+OC, ATAAC
FUEL TYPE:	DIESEL	INLET MANIFOLD AIR TEMP (F):	120
MANIFOLD TYPE:	DRY	JACKET WATER TEMP (F):	210.2
GOVERNOR TYPE:	ADEM4	TURBO CONFIGURATION:	PARALLEL
ELECTRONICS TYPE:	ADEM4	TURBO QUANTITY:	2
IGNITION TYPE:	CI	TURBOCHARGER MODEL:	GTB45518BS-52T-1.37
INJECTOR TYPE:	EUI	CERTIFICATION YEAR:	2007
REF EXH STACK DIAMETER (IN):	8	PISTON SPD @ RATED ENG SPD (FT/MIN):	1,913.4
MAX OPERATING ALTITUDE (FT):	997		

INDUSTRY	SUBINDUSTRY	APPLICATION
ELECTRIC POWER	STANDARD	PACKAGED GENSET
OIL AND GAS	LAND DRILLING	PACKAGED GENSET
OIL AND GAS	LAND PRODUCTION	PACKAGED GENSET

General Performance Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	BRAKE MEAN EFF PRES (BMEP)	BRAKE SPEC FUEL CONSUMPTN (BSFC)	VOL FUEL CONSUMPTN (VFC)	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP
EKW	%	BHP	PSI	LB/BHP-HR	GAL/HR	IN-HG	DEG F	DEG F	IN-HG	DEG F
1,001.0	110	1,483	333	0.342	71.5	70.8	118.8	1,214.1	58.6	892.4
910.0	100	1,353	304	0.340	64.9	64.8	111.9	1,158.3	52.6	859.3
819.0	90	1,222	274	0.347	59.7	61.2	107.5	1,123.8	49.3	837.7
728.0	80	1,092	245	0.354	54.5	56.6	102.4	1,092.6	45.5	817.2
682.5	75	1,028	231	0.354	51.4	52.5	98.4	1,071.7	42.3	807.3
637.0	70	964	216	0.354	48.1	48.1	94.1	1,048.6	38.7	797.5
546.0	60	836	188	0.352	41.5	38.5	85.5	997.1	31.2	778.7
455.0	50	710	159	0.350	35.0	29.1	78.1	938.7	24.3	756.9
364.0	40	585	131	0.352	29.1	21.2	73.1	871.4	18.7	716.0
273.0	30	459	103	0.360	23.3	14.0	69.6	791.0	14.0	662.1
227.5	25	395	89	0.366	20.4	10.6	68.5	745.3	11.9	629.5
182.0	20	330	74	0.378	17.6	8.0	67.7	691.0	10.1	587.7
91.0	10	196	44	0.432	11.9	4.2	67.6	559.0	7.7	479.9

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP	WET INLET AIR VOL FLOW RATE	ENGINE OUTLET WET EXH GAS VOL FLOW RATE	WET INLET AIR MASS FLOW RATE	WET EXH GAS MASS FLOW RATE	WET EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)	DRY EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)
EKW	%	BHP	IN-HG	DEG F	CFM	CFM	LB/HR	LB/HR	FT3/MIN	FT3/MIN
1,001.0	110	1,483	76	424.5	3,105.1	8,114.8	13,517.2	14,024.2	2,950.8	2,898.5
910.0	100	1,353	70	395.0	2,955.6	7,493.4	12,827.1	13,267.5	2,793.3	2,561.8
819.0	90	1,222	66	378.6	2,875.8	7,131.5	12,450.8	12,874.3	2,702.6	2,487.5
728.0	80	1,092	61	356.8	2,734.3	6,670.0	11,792.8	12,177.7	2,568.3	2,371.2
682.5	75	1,028	57	338.2	2,603.8	6,292.7	11,191.9	11,553.0	2,442.0	2,256.8
637.0	70	964	53	319.6	2,473.9	5,917.9	10,598.2	10,935.9	2,314.4	2,140.7
546.0	60	836	42	282.8	2,218.3	5,182.6	9,443.5	9,735.6	2,057.6	1,906.3
455.0	50	710	32	248.4	1,967.0	4,462.1	8,314.5	8,562.3	1,804.9	1,675.2
364.0	40	585	24	210.7	1,721.8	3,781.9	7,226.5	7,431.8	1,573.3	1,464.1
273.0	30	459	16	174.8	1,477.2	3,066.4	6,181.7	6,348.2	1,344.0	1,255.0
227.5	25	395	13	156.6	1,354.2	2,717.5	5,671.6	5,818.3	1,226.7	1,147.8
182.0	20	330	10	142.4	1,262.5	2,425.2	5,285.2	5,410.0	1,138.4	1,069.1
91.0	10	196	6	121.3	1,140.5	1,949.6	4,767.4	4,852.3	1,020.2	968.8

Heat Rejection Data

PERFORMANCE DATA[DM9934]

May 28, 2020

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	REJECTION TO JACKET WATER	REJECTION TO ATMOSPHERE	REJECTION TO EXH	EXHAUST RECOVERY TO 350F	FROM OIL COOLER	FROM AFTERCOOLER	WORK ENERGY	LOW HEAT VALUE ENERGY	HIGH HEAT VALUE ENERGY
EKW	%	BHP	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN
1,001.0	110	1,483	20,152	7,291	58,860	32,271	8,277	16,549	62,883	155,395	165,535
910.0	100	1,353	18,840	6,635	53,113	28,596	7,516	14,540	57,384	141,105	150,313
819.0	90	1,222	17,240	5,993	49,689	26,444	6,912	13,519	51,807	129,780	138,248
728.0	80	1,092	15,823	6,540	45,555	23,890	6,312	12,016	46,314	118,515	126,248
682.5	75	1,028	15,006	6,999	42,647	22,158	5,950	10,748	43,591	111,702	118,991
637.0	70	964	14,184	7,024	39,812	20,505	5,573	9,569	40,867	104,629	111,456
546.0	60	836	12,589	6,123	34,418	17,450	4,803	7,464	35,484	90,174	96,058
455.0	50	710	11,334	4,858	29,174	14,489	4,053	5,606	30,092	76,099	81,065
364.0	40	585	10,554	4,155	23,811	11,291	3,365	3,981	24,796	63,175	67,297
273.0	30	459	9,834	3,584	18,609	8,177	2,694	2,603	19,457	50,586	53,886
227.5	25	395	9,055	3,356	16,101	6,660	2,363	2,003	16,748	44,368	47,263
182.0	20	330	8,312	3,034	13,783	5,263	2,035	1,580	13,993	38,209	40,702
91.0	10	196	6,497	2,264	9,574	2,545	1,384	1,025	8,311	25,977	27,672

Emissions Data

RATED SPEED POTENTIAL SITE VARIATION: 1800 RPM

GENSET POWER WITH FAN	EKW	910.0	682.5	455.0	227.5	91.0
PERCENT LOAD	%	100	75	50	25	10
ENGINE POWER	BHP	1,353	1,028	710	395	196
TOTAL NOX (AS NO2)	G/HR	7,835	4,558	3,150	2,162	1,277
TOTAL CO	G/HR	313	292	548	847	1,291
TOTAL HC	G/HR	42	106	96	72	160
PART MATTER	G/HR	43.0	44.8	73.1	108.7	80.6
TOTAL NOX (AS NO2)	(CORR 5% O2) MG/NM3	2,778.0	2,033.0	2,099.0	2,447.4	2,410.3
TOTAL CO	(CORR 5% O2) MG/NM3	110.8	118.3	355.8	966.3	2,687.0
TOTAL HC	(CORR 5% O2) MG/NM3	13.1	42.9	55.0	71.0	299.5
PART MATTER	(CORR 5% O2) MG/NM3	12.9	16.1	45.3	110.9	136.5
TOTAL NOX (AS NO2)	(CORR 5% O2) PPM	1,353	990	1,022	1,192	1,174
TOTAL CO	(CORR 5% O2) PPM	89	93	285	773	2,150
TOTAL HC	(CORR 5% O2) PPM	24	80	103	132	559
TOTAL NOX (AS NO2)	G/HP-HR	5.83	4.46	4.45	5.49	6.53
TOTAL CO	G/HP-HR	0.23	0.29	0.77	2.15	6.60
TOTAL HC	G/HP-HR	0.03	0.10	0.14	0.18	0.82
PART MATTER	G/HP-HR	0.03	0.04	0.10	0.28	0.41
TOTAL NOX (AS NO2)	LB/HR	17.27	10.05	6.94	4.77	2.82
TOTAL CO	LB/HR	0.69	0.64	1.20	1.87	2.85
TOTAL HC	LB/HR	0.09	0.23	0.21	0.16	0.35
PART MATTER	LB/HR	0.09	0.10	0.16	0.24	0.18

RATED SPEED NOMINAL DATA: 1800 RPM

GENSET POWER WITH FAN	EKW	910.0	682.5	455.0	227.5	91.0
PERCENT LOAD	%	100	75	50	25	10
ENGINE POWER	BHP	1,353	1,028	710	395	196
TOTAL NOX (AS NO2)	G/HR	6,475	3,767	2,603	1,787	1,056
TOTAL CO	G/HR	167	156	292	453	691
TOTAL HC	G/HR	22	56	51	38	84
TOTAL CO2	KG/HR	658	520	353	205	120
PART MATTER	G/HR	22.1	23.0	37.5	55.7	41.3
TOTAL NOX (AS NO2)	(CORR 5% O2) MG/NM3	2,295.8	1,680.1	1,734.7	2,022.7	1,892.0
TOTAL CO	(CORR 5% O2) MG/NM3	59.2	62.2	190.3	516.8	1,438.9
TOTAL HC	(CORR 5% O2) MG/NM3	6.9	22.7	29.1	37.5	158.5
PART MATTER	(CORR 5% O2) MG/NM3	6.6	8.2	23.2	56.9	70.0
TOTAL NOX (AS NO2)	(CORR 5% O2) PPM	1,118	818	845	985	970
TOTAL CO	(CORR 5% O2) PPM	47	50	152	413	1,150
TOTAL HC	(CORR 5% O2) PPM	13	42	54	70	296
TOTAL NOX (AS NO2)	G/HP-HR	4.82	3.69	3.68	4.53	5.40
TOTAL CO	G/HP-HR	0.12	0.15	0.41	1.15	3.53
TOTAL HC	G/HP-HR	0.02	0.05	0.07	0.10	0.43
PART MATTER	G/HP-HR	0.02	0.02	0.05	0.14	0.21
TOTAL NOX (AS NO2)	LB/HR	14.28	8.30	5.74	3.84	2.33
TOTAL CO	LB/HR	0.37	0.34	0.64	1.00	1.52

PERFORMANCE DATA[DM9934]

May 28, 2020

TOTAL HC	LB/HR	0.05	0.12	0.11	0.08	0.19
TOTAL CO2	LB/HR	1.450	1.147	777	452	284
PART MATTER	LB/HR	0.05	0.05	0.08	0.12	0.09
OXYGEN IN EXH	%	10.5	11.7	12.3	13.6	15.9
DRY SMOKE OPACITY	%	0.7	0.8	1.6	3.1	2.1
BOSCH SMOKE NUMBER		0.17	0.24	0.72	1.32	0.96

Regulatory Information

EPA TIER 2		2006 - 2010				
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 89 SUBPART D AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE NON-ROAD REGULATIONS.						
Locality	Agency	Regulation	Tier/Stage	Max Limits - G/BKW - HR		
U.S. (INCL CALIF)	EPA	NON-ROAD	TIER 2	CO: 3.5 NOx + HC: 6.4 PM: 0.20		

EPA EMERGENCY STATIONARY		2011 - —				
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 60 SUBPART IIII AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE EMERGENCY STATIONARY REGULATIONS.						
Locality	Agency	Regulation	Tier/Stage	Max Limits - G/BKW - HR		
U.S. (INCL CALIF)	EPA	STATIONARY	EMERGENCY STATIONARY	CO: 3.5 NOx + HC: 6.4 PM: 0.20		

Altitude Derate Data

ALTITUDE CORRECTED POWER CAPABILITY (BHP)

AMBIENT OPERATING TEMP (F)	30	40	50	60	70	80	90	100	110	120	130	140	NORMAL
ALTITUDE (FT)													
0	1,352	1,352	1,352	1,352	1,352	1,352	1,352	1,346	1,323	1,300	1,278	1,256	1,352
1,000	1,352	1,352	1,352	1,352	1,352	1,344	1,320	1,296	1,274	1,252	1,230	1,210	1,352
2,000	1,352	1,352	1,352	1,344	1,318	1,294	1,271	1,248	1,226	1,205	1,184	1,165	1,315
3,000	1,352	1,345	1,319	1,293	1,269	1,245	1,223	1,201	1,180	1,159	1,140	1,121	1,274
4,000	1,320	1,294	1,268	1,244	1,220	1,198	1,176	1,155	1,135	1,115	1,096	1,078	1,234
5,000	1,269	1,244	1,220	1,196	1,174	1,152	1,131	1,111	1,091	1,072	1,054	1,037	1,194
6,000	1,220	1,196	1,172	1,150	1,128	1,107	1,087	1,068	1,049	1,031	1,013	996	1,156
7,000	1,173	1,149	1,127	1,105	1,084	1,064	1,045	1,026	1,008	991	974	958	1,119
8,000	1,126	1,104	1,082	1,061	1,041	1,022	1,003	986	968	952	935	920	1,082
9,000	1,082	1,060	1,039	1,019	1,000	981	964	946	930	914	898	883	1,046
10,000	1,038	1,017	997	978	960	942	925	908	892	877	862	848	1,011
11,000	996	976	957	939	921	904	887	871	856	841	827	813	977
12,000	955	936	918	900	883	867	851	836	821	807	793	780	944
13,000	916	897	880	863	847	831	816	801	787	774	760	748	912
14,000	877	860	843	827	811	796	782	768	754	741	729	717	880
15,000	840	824	807	792	777	763	749	735	722	710	698	686	849

Cross Reference

Test Spec	Setting	Engine Arrangement	Engineering Model	Engineering Model Version	Start Effective Serial Number	End Effective Serial Number
OK8996	PP6051	2537557	GS277	-	SYC00001	
OK7837	GG0345	3208618	GS490	-	JDB00001	
OK8996	PP6051	3249750	GS277	-	SYC00001	
OK8996	PP6051	3367659	GS471	-	PRH00001	
OK8996	PP6051	3801431	GS471	-	PRH00001	
OK8996	PP6051	4259340	GS471	-	PRH00001	
OK8996	PP6051	4391323	GS471	-	PRH00001	
OK8996	PP6051	4447558	GS471	-	PRH00001	
OK8996	PP6051	4447562	GS471	-	PRH00001	
OK8996	PP6051	5233431	GS471	-	PRH00001	
OK8996	PP6051	5612763	GS471	DK	PRH00001	

Performance Parameter Reference

Parameters Reference:DM9600-12
PERFORMANCE DEFINITIONS

PERFORMANCE DEFINITIONS DM9600

APPLICATION:

Engine performance tolerance values below are representative of a typical production engine tested in a calibrated dynamometer test cell at SAE J1995 standard reference conditions. Caterpillar maintains ISO9001:2000 certified quality management systems for engine test Facilities to assure accurate calibration of test equipment. Engine test data is corrected in accordance with SAE J1995. Additional reference material SAE J1228, J1349, ISO 8665, 3046-1:2002E, 3046-3:1989, 1585, 2534, 2288, and 9249 may apply in part or are similar to SAE J1995. Special engine rating request (SERR) test data shall be noted.

PERFORMANCE PARAMETER TOLERANCE FACTORS:

Power +/- 3%

Torque +/- 3%

Exhaust stack temperature +/- 8%

Inlet airflow +/- 5%

Intake manifold pressure-gage +/- 10%

Exhaust flow +/- 6%

Specific fuel consumption +/- 3%

Fuel rate +/- 5%

Specific DEF consumption +/- 3%

DEF rate +/- 5%

Heat rejection +/- 5%

Heat rejection exhaust only +/- 10%

Heat rejection CEM only +/- 10%

Heat Rejection values based on using treated water.

Torque is included for truck and industrial applications, do not use for Gen Set or steady state applications.

On C7 - C18 engines, at speeds of 1100 RPM and under these values are provided for reference only, and may not meet the tolerance listed.

These values do not apply to C280/3600. For these models, see the tolerances listed below.

C280/3600 HEAT REJECTION TOLERANCE FACTORS:

Heat rejection +/- 10%

Heat rejection to Atmosphere +/- 50%

Heat rejection to Lube Oil +/- 20%

Heat rejection to Aftercooler +/- 5%

TEST CELL TRANSDUCER TOLERANCE FACTORS:

Torque +/- 0.5%

Speed +/- 0.2%

Fuel flow +/- 1.0%

Temperature +/- 2.0 C degrees

Intake manifold pressure +/- 0.1 kPa

OBSERVED ENGINE PERFORMANCE IS CORRECTED TO SAE J1995 REFERENCE AIR AND FUEL CONDITIONS.

REFERENCE ATMOSPHERIC INLET AIR

FOR 3500 ENGINES AND SMALLER

SAE J1228 AUG2002 for marine engines, and J1995 JAN2014 for other engines, reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity at the stated aftercooler water temp, or inlet manifold temp.

FOR 3600 ENGINES

Engine rating obtained and presented in accordance with ISO 3046/1 and SAE J1995 JAN2014 reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity and 150M altitude at the stated aftercooler water temperature.

MEASUREMENT LOCATION FOR INLET AIR TEMPERATURE

Location for air temperature measurement air cleaner inlet at stabilized operating conditions.

REFERENCE EXHAUST STACK DIAMETER

The Reference Exhaust Stack Diameter published with this dataset is only used for the calculation of Smoke Opacity values displayed in this dataset. This value does not necessarily represent the actual stack diameter of the engine due to the variety of exhaust stack adapter options available. Consult the price list engine order or general dimension drawings for the actual stack diameter size ordered or options available.

REFERENCE FUEL

DIESEL

Reference fuel is #2 distillate diesel with a 35API gravity;

A lower heating value is 42,780 KJ/KG (18,390 BTU/LB) when used at 15 deg C (59 deg F), where the density is

850 G/Liter (7.0936 Lbs/Gal).

GAS

PERFORMANCE DATA[DM9934]

Reference natural gas fuel has a lower heating value of 33.74 KJ/L (905 BTU/CU Ft). Low BTU ratings are based on 18.64 KJ/L (500 BTU/CU FT) lower heating value gas. Propane ratings are based on 87.56 KJ/L (2350 BTU/CU Ft) lower heating value gas.

ENGINE POWER (NET) IS THE CORRECTED FLYWHEEL POWER (GROSS) LESS EXTERNAL AUXILIARY LOAD

Engine corrected gross output includes the power required to drive standard equipment; lube oil, scavenge lube oil, fuel transfer, common rail fuel, separate circuit aftercooler and jacket water pumps. Engine net power available for the external (flywheel) load is calculated by subtracting the sum of auxiliary load from the corrected gross flywheel out put power. Typical auxiliary loads are radiator cooling fans, hydraulic pumps, air compressors and battery charging alternators. For Tier 4 ratings additional Parasitic losses would also include Intake, and Exhaust Restrictions.

ALTITUDE CAPABILITY

Altitude capability is the maximum altitude above sea level at standard temperature and standard pressure at which the engine could develop full rated output power on the current performance data set.

Standard temperature values versus altitude could be seen on TM2001.

When viewing the altitude capability chart the ambient temperature is the inlet air temp at the compressor inlet.

Engines with ADEM MEUI and HEUI fuel systems operating at conditions above the defined altitude capability derate for atmospheric pressure and temperature conditions outside the values defined, see TM2001.

Mechanical governor controlled unit injector engines require a setting change for operation at conditions above the altitude defined on the engine performance sheet. See your Caterpillar technical representative for non standard ratings.

REGULATIONS AND PRODUCT COMPLIANCE

TMI Emissions information is presented at 'nominal' and 'Potential Site Variation' values for standard ratings. No tolerances are applied to the emissions data. These values are subject to change at any time. The controlling federal and local emission requirements need to be verified by your Caterpillar technical representative.

Customer's may have special emission site requirements that need to be verified by the Caterpillar Product Group engineer.

EMISSION CYCLE LIMITS:

Cycle emissions Max Limits apply to cycle-weighted averages only. Emissions at individual load points may exceed the cycle-weighted limit.

EMISSIONS DEFINITIONS:

Emissions : DM1176

EMISSION CYCLE DEFINITIONS

1. For constant-speed marine engines for ship main propulsion, including diesel-electric drive, test cycle E2 shall be applied, for controllable-pitch propeller sets test cycle E2 shall be applied.
2. For propeller-law-operated main and propeller-law-operated auxiliary engines the test cycle E3 shall be applied.
3. For constant-speed auxiliary engines test cycle D2 shall be applied.
4. For variable-speed, variable-load auxiliary engines, not included above, test cycle C1 shall be applied.

HEAT REJECTION DEFINITIONS:

Diesel Circuit Type and HHV Balance : DM9500

HIGH DISPLACEMENT (HD) DEFINITIONS:

3500: EM1500

RATING DEFINITIONS:

Agriculture : TM6008

Fire Pump : TM6009

Generator Set : TM6035

Generator (Gas) : TM6041

Industrial Diesel : TM6010

Industrial (Gas) : TM6040

Irrigation : TM5749

Locomotive : TM6037

Marine Auxiliary : TM6036

Marine Prop (Except 3500) : TM5747

Marine Prop (3500 only) : TM5748

MSHA : TM6042

Oil Field (Petroleum) : TM6011

Off-Highway Truck : TM6039

On-Highway Truck : TM6038

SOUND DEFINITIONS:

Sound Power : DM8702

Sound Pressure : TM7080

Date Released : 07/10/19

Fuel Consumption Information:

From Sheet E-601

Generator Specification	
Manufacturer / Model#	Cummins #DQFAD
Generator Set Rating	Standby Rating
Voltage and Frequency	480VY/277V, 60 Hz
Generator Size	1000 kW (1250 kVA)
Location	Outdoor in Yard
Fuel	Diesel sub base tank
Runtime	12 hour sub base tank
Housing	Weather Protective / Acoustic
Approx. Weight (No Fuel)	47,010 lbs (Dry)
Approx. Weight (With Fuel)	60,510 lbs (Wet)
Emissions Certification	EPA Tier 2 Certified
Skid Base Assembly Mount	Spring-Type Vibration Isolators
Generator Sound Level	75 dB(A) at 25' in Free Field

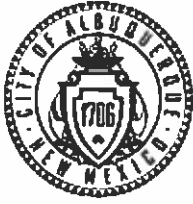
For the #DQFAD:

Fuel Consumption	Standby			
	kW (kVA)			
Ratings	1000 (1250)			
Load	1/4	1/2	3/4	Full
US gph	18.7	36.4	54.2	71.9
L/hr	70.6	137.8	205.1	272.3

From Spec Section 263213

2.4 PROVIDE A DUAL WALL SUB BASE FUEL TANK

- A. The sub base fuel tank will contain useable gallons of diesel fuel to support the generator set for a period of 12 hours. The sub base fuel tank shall be listed under UL 142, sub section entitled "Special Purpose Tanks EFVT" category, and will bear their mark of "UL Approval" according to their particular classification.



City of Albuquerque

Environmental Health Department
Air Quality Program



Permit Application Review Fee Checklist

Please completely fill out the information in each section. Incompleteness of this checklist may result in the Albuquerque Environmental Health Department not accepting the application review fees. If you should have any questions concerning this checklist, please call 768-1972.

I. COMPANY INFORMATION:

Company Name	CITY OF ALBUQUERQUE	
Company Address	ONE CIVIC PLAZA N.W.	
Facility Name	CITY/COUNTY BUILDING	
Facility Address	ONE CIVIC PLAZA	
Contact Person	NATHAN MARTINEZ	
Contact Person Phone Number	505-768-4230 - 505-681-4194	
Are these application review fees for an existing permitted source located within the City of Albuquerque or Bernalillo County?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
If yes, what is the permit number associated with this modification?	Permit #	994
Is this application review fee for a Qualified Small Business as defined in 20.11.2 NMAC? (See Definition of Qualified Small Business on Page 4)	<input type="radio"/> Yes	<input checked="" type="radio"/> No

II. STATIONARY SOURCE APPLICATION REVIEW FEES:

If the application is for a new stationary source facility, please check all that apply. If this application is for a modification to an existing permit please see Section III.

Check All That Apply	Stationary Sources	Review Fee	Program Element
Air Quality Notifications			
	AQN New Application	\$573.00	2801
	AQN Technical Amendment	\$313.00	2802
	AQN Transfer of a Prior Authorization	\$313.00	2803
	<i>Not Applicable</i>	<i>See Sections Below</i>	
Stationary Source Review Fees (Not Based on Proposed Allowable Emission Rate)			
	Source Registration required by 20.11.40 NMAC	\$ 584.00	2401
	A Stationary Source that requires a permit pursuant to 20.11.41 NMAC or other board regulations and are not subject to the below proposed allowable emission rates	\$ 1,168.00	2301
	<i>Not Applicable</i>	<i>See Sections Below</i>	
Stationary Source Review Fees (Based on the Proposed Allowable Emission Rate for the single highest fee pollutant)			
	Proposed Allowable Emission Rate Equal to or greater than 1 tpy and less than 5 tpy	\$876	2302
	Proposed Allowable Emission Rate Equal to or greater than 5 tpy and less than 25 tpy	\$1,752	2303
	Proposed Allowable Emission Rate Equal to or greater than 25 tpy and less than 50 tpy	\$3,503	2304
	Proposed Allowable Emission Rate Equal to or greater than 50 tpy and less than 75 tpy	\$5,255	2305
	Proposed Allowable Emission Rate Equal to or greater than 75 tpy and less than 100 tpy	\$7,006	2306
	Proposed Allowable Emission Rate Equal to or greater than 100 tpy	\$8,758	2307
	<i>Not Applicable</i>	<i>See Section Above</i>	

Federal Program Review Fees (In addition to the Stationary Source Application Review Fees above)			
	40 CFR 60 - "New Source Performance Standards" (NSPS)	\$1,168	2308
	40 CFR 61 - "Emission Standards for Hazardous Air Pollutants (NESHAPs)	\$1,168	2309
	40 CFR 63 - (NESHAPs) Promulgated Standards	\$1,168	2310
	40 CFR 63 - (NESHAPs) Case-by-Case MACT Review	\$11,677	2311
	20.11.61 NMAC, Prevention of Significant Deterioration (PSD) Permit	\$5,838	2312
	20.11.60 NMAC, Non-Attainment Area Permit	\$5,838	2313
	<i>Not Applicable</i>	<i>Not</i>	<i>Applicable</i>

III. MODIFICATION TO EXISTING PERMIT APPLICATION REVIEW FEES:

If the permit application is for a modification to an existing permit, please check all that apply. If this application is for a new stationary source facility, please see Section II.

Check All That Apply	Modifications	Review Fee	Program Element
Modification Application Review Fees (Not Based on Proposed Allowable Emission Rate)			
	Proposed modification to an existing stationary source that requires a permit pursuant to 20.11.41 NMAC or other board regulations and are not subject to the below proposed allowable emission rates	\$ 1,168.00	2321
	<i>Not Applicable</i>	<i>See Sections Below</i>	
Modification Application Review Fees (Based on the Proposed Allowable Emission Rate for the single highest fee pollutant)			
	Proposed Allowable Emission Rate Equal to or greater than 1 tpy and less than 5 tpy	\$876	2322
	Proposed Allowable Emission Rate Equal to or greater than 5 tpy and less than 25 tpy	\$1,752	2323
	Proposed Allowable Emission Rate Equal to or greater than 25 tpy and less than 50 tpy	\$3,503	2324
	Proposed Allowable Emission Rate Equal to or greater than 50 tpy and less than 75 tpy	\$5,255	2325
	Proposed Allowable Emission Rate Equal to or greater than 75 tpy and less than 100 tpy	\$7,006	2326
	Proposed Allowable Emission Rate Equal to or greater than 100 tpy	\$8,758	2327
	<i>Not Applicable</i>	<i>See Section Above</i>	
Major Modifications Review Fees (In addition to the Modification Application Review Fees above)			
	20.11.60 NMAC, Permitting in Non-Attainment Areas	\$5,838	2333
	20.11.61 NMAC, Prevention of Significant Deterioration	\$5,838	2334
	<i>Not Applicable</i>	<i>Not Applicable</i>	
Federal Program Review Fees (This section applies only if a Federal Program Review is triggered by the proposed modification) (These fees are in addition to the Modification and Major Modification Application Review Fees above)			
	40 CFR 60 - "New Source Performance Standards" (NSPS)	\$1,168	2328
	40 CFR 61 - "Emission Standards for Hazardous Air Pollutants (NESHAPs)	\$1,168	2329
	40 CFR 63 - (NESHAPs) Promulgated Standards	\$1,168	2330
	40 CFR 63 - (NESHAPs) Case-by-Case MACT Review	\$11,677	2331
	20.11.61 NMAC, Prevention of Significant Deterioration (PSD) Permit	\$5,838	2332
	20.11.60 NMAC, Non-Attainment Area Permit	\$5,838	2333
	<i>Not Applicable</i>	<i>Not Applicable</i>	

IV. ADMINISTRATIVE AND TECHNICAL REVISION APPLICATION REVIEW FEES:

If the permit application is for an administrative or technical revision of an existing permit issued pursuant to 20.11.41 NMAC, please check one that applies.

Check One	Revision Type	Review Fee	Program Element
	Administrative Revisions	\$ 250.00	2340
	Technical Revisions	\$ 500.00	2341
	<i>Not Applicable</i>	<i>See Sections II, III or V</i>	

V. PORTABLE STATIONARY SOURCE RELOCATION FEES:

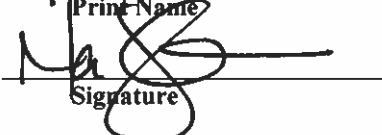
If the permit application is for a portable stationary source relocation of an existing permit, please check one that applies.

Check One	Portable Stationary Source Relocation Type	Review Fee	Program Element
	No New Air Dispersion Modeling Required	\$ 500.00	2501
	New Air Dispersion Modeling Required	\$ 750.00	2502
	<i>Not Applicable</i>	<i>See Sections II, III or V</i>	

VI. Please submit a check or money order in the amount shown for the total application review fee.

Section Totals	Review Fee Amount
Section II Total	\$
Section III Total	\$
Section IV Total	\$
Section V Total	\$
Total Application Review Fee	\$

I, the undersigned, a responsible official of the applicant company, certify that to the best of my knowledge, the information stated on this checklist, give a true and complete representation of the permit application review fees which are being submitted. I also understand that an incorrect submittal of permit application reviews may cause an incompleteness determination of the submitted permit application and that the balance of the appropriate permit application review fees shall be paid in full prior to further processing of the application.

Signed this 1 day of JUNE 2020
NATHAN MARTINEZ FACILITIES OFFICIAL
 Print Name Print Title

 Signature

Definition of Qualified Small Business as defined in 20.11.2 NMAC:

“Qualified small business” means a business that meets all of the following requirements:

- (1) a business that has 100 or fewer employees;
- (2) a small business concern as defined by the federal Small Business Act;
- (3) a source that emits less than 50 tons per year of any individual regulated air pollutant, or less than 75 tons per year of all regulated air pollutants combined; and
- (4) a source that is not a major source or major stationary source.

Note: Beginning January 1, 2011, and every January 1 thereafter, an increase based on the consumer price index shall be added to the application review fees. The application review fees established in Subsection A through D of 20.11.2.18 NMAC shall be adjusted by an amount equal to the increase in the consumer price index for the immediately-preceding year. Application review fee adjustments equal to or greater than fifty cents (\$0.50) shall be rounded up to the next highest whole dollar. Application review fee adjustments totaling less than fifty cents (\$0.50) shall be rounded down to the next lowest whole dollar. The department shall post the application review fees on the city of Albuquerque environmental health department air quality program website.



City of Albuquerque

Timothy M. Keller, Mayor

June 1, 2020

Israel Tavaréz, Manager
Air Quality Programs
City of Albuquerque Environmental Health Dept.
PO Box 1293
Albuquerque, NM 87103

SUBJECT: Operations and Maintenance Plan for Diesel Powered Emergency Generator

Dear Mr. Tavaréz,

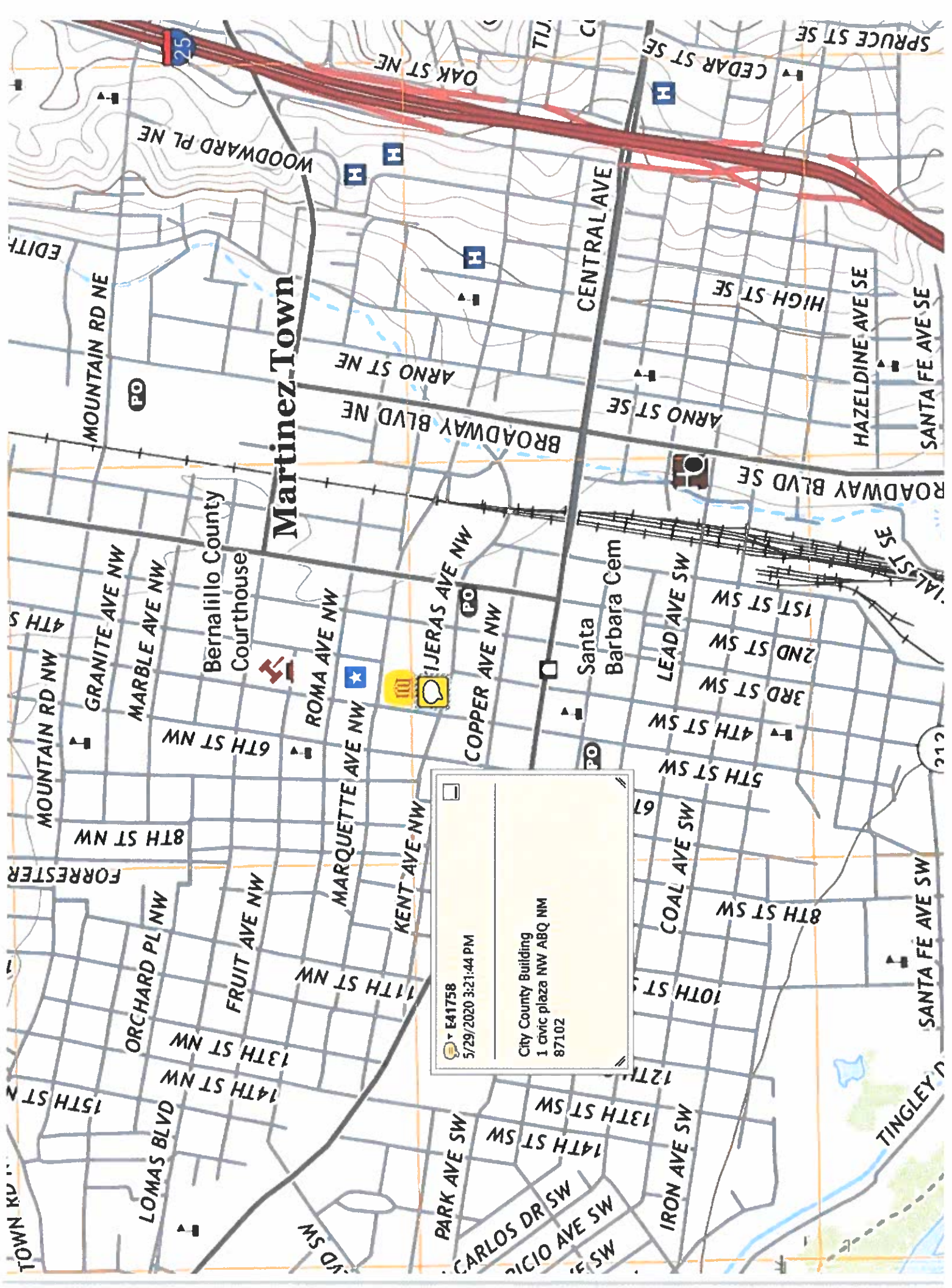
The City of Albuquerque, Department of Municipal Development Facility and Energy Management Division (DMD/FEMD) Has developed the following emergency response plan for the emergency diesel powered generator located at the Albuquerque Government Center located at 1 Civic Plaza NW Albuquerque New Mexico 87102.

1. In case of mechanical failure that results in increased emissions FEMD shall immediately respond by dispatching a qualified repair team to resolve the emissions malfunction as best as possible based on availability of skilled staff and replacement parts.
2. 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.
3. The replacement generator will be maintained per the manufacturer's maintenance and operations requirements for optimal performance. Monthly PMs identified by NFPA 110 standards for emergency and standby power systems will be used as a standard for preventative maintenance.

Nathan Martinez, RMP
Facilities Official
Department Of Municipal Development
City of Albuquerque

cc: Patrick Montoya, Department of Municipal Development-Director


***Kevin Sourisseau, Department of Municipal Development-Deputy Director
Stacy Herrera, Department of Municipal Development-CIP Project Manager***



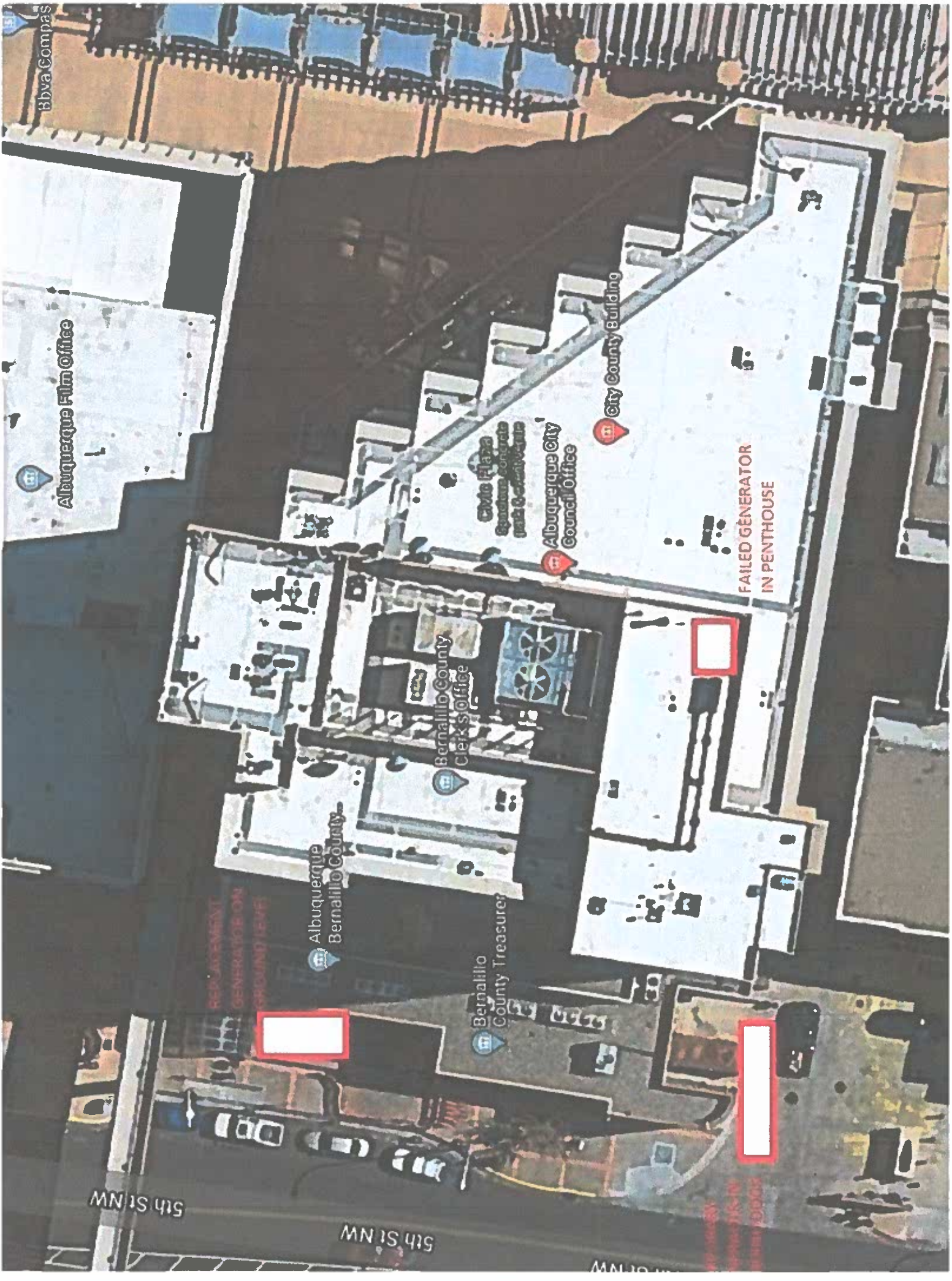
Martinez, Town

Bernalillo County Courthouse

Santa Barbara Cem

 E41758
 5/29/2020 3:21:44 PM
 City County Building
 1 Civic plaza NW ABQ NM
 87102

SPRUCE ST SE, CEDAR ST SE, OAK ST NE, TIJ. CI, WOODWARD PL NE, MOUNTAIN RD NE, MOUNTAIN RD NW, GRANITE AVE NW, MARBLE AVE NW, ROMA AVE NW, MARQUETTE AVE NW, KENT AVE NW, COPPER AVE NW, IJERAS AVE NW, BROADWAY BLVD NE, ARNO ST NE, ARNO ST SE, ROADWAY BLVD SE, HAZELDINE AVE SE, SANTA FE AVE SE, HIGH ST SE, CENTRAL AVE, LEAD AVE SW, 1ST ST SW, 2ND ST SW, 3RD ST SW, 4TH ST SW, 5TH ST SW, 6TH ST SW, 7TH ST SW, 8TH ST SW, 10TH ST SW, 11TH ST NW, 12TH ST SW, 13TH ST SW, 14TH ST SW, 15TH ST NW, MOUNTAIN RD NW, FORESTER, ORCHARD PL NW, FRUIT AVE NW, LOMAS BLVD, PARK AVE SW, CARLOS DR SW, VICIO AVE SW, IRON AVE SW, TINGLEY D, SANTA FE AVE SW, 212



Bbva Compass

Albuquerque Film Office

City County Building

Cavio Plaza
Specialty Concrete
Paint & Coatings

Albuquerque City
Council Office

FAILED GENERATOR
IN PENTHOUSE

Bernalillo County
Clerk's Office

Albuquerque
Bernalillo County

Bernalillo
County Treasurer

5th St NW

5th St NW

MN 101 NW