



ENTERPRISE PRODUCTS PARTNERS L.P.
ENTERPRISE PRODUCTS HOLDINGS LLC
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

May 19, 2022

7021 1970 0001 0861 1978

Return Receipt Requested

New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, NM 87505-1816

**Re: Title V Operating Permit No. P264-R1 Significant Revision Application
Enterprise Fields Services, LLC – Chaparral Gas Plant
Eddy County, New Mexico**

Sir or Madam:

Enterprise Field Services, LLC (Enterprise) is submitting a Significant Modification application (pursuant to 20.2.70.404.C(1)(a) NMAC) to the current Title V Permit No. P264-R1, issued on July 30, 2019 for the Chaparral Gas Plant (the Plant). Enterprise operates the Plant under the current NSR Construction Permit No. 3662-M8R5, issued on November 10, 2021.

Chaparral is a natural gas processing plant, which currently consists of seven (7) natural gas combustion engines used for natural gas compression, two TEG dehydrators, a molecular sieve dehydrator, an amine sweetening system for liquid treating, a cryogenic natural gas processing train, three (3) 300-barrel condensate tanks, and a flare. Other equipment being included are considered exempt and are not sources of regulated emissions. The facility is located in Eddy County, New Mexico approximately 12 miles southwest of Loco Hills, NM.

The purpose of this revision is to correct a federal rule applicability. The current P-261R1 lists that C7000 and C-VRU-1 are subject to NSPS OOOOa and OOOO respectively; however based on the vendor pedigree (attached in Section 13), these units are not subject to these rules. This project does not involve any emissions changes.

Should you have questions or require further information regarding this submittal, please contact Jing Li at (713) 381-5766 (jli@eprod.com) or Pranav Kulkarni at (713) 381-5830.

Enterprise Field Services, LLC

Jing Li
Staff Environmental Engineer

/bjm
Attachments

Pranav Kulkarni, Ph.D.
Manager, Environmental Permitting

Mail Application To: New Mexico Environment Department Air Quality Bureau Permits Section 525 Camino de los Marquez, Suite 1 Santa Fe, New Mexico, 87505 Phone: (505) 476-4300 Fax: (505) 476-4375 www.env.nm.gov/aqb		For Department use only: AIRS No.:
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Universal Air Quality Permit Application

Use this application for NOI, NSR, or Title V sources.

Use this application for: the initial application, modifications, technical revisions, and renewals. For technical revisions, complete Sections, 1-A, 1-B, 2-E, 3, 9 and any other sections that are relevant to the requested action; coordination with the Air Quality Bureau permit staff prior to submittal is encouraged to clarify submittal requirements and to determine if more or less than these sections of the application are needed. Use this application for streamline permits as well. **See Section 1-I for submittal instructions for other permits.**

This application is submitted as (check all that apply): ☐ Request for a No Permit Required Determination (no fee)
☐ **Updating** an application currently under NMED review. Include this page and all pages that are being updated (no fee required).
 Construction Status: ☐ Not Constructed ☒ Existing Permitted (or NOI) Facility ☐ Existing Non-permitted (or NOI) Facility
 Minor Source: ☐ a NOI 20.2.73 NMAC ☐ 20.2.72 NMAC application or revision ☐ 20.2.72.300 NMAC Streamline application
 Title V Source: ☐ Title V (new) ☐ Title V renewal ☐ TV minor mod. ☒ TV significant mod. TV Acid Rain: ☐ New ☐ Renewal
 PSD Major Source: ☐ PSD major source (new) ☐ minor modification to a PSD source ☐ a PSD major modification

Acknowledgements:

- ☒ I acknowledge that a pre-application meeting is available to me upon request. ☒ Title V Operating, Title IV Acid Rain, and NPR applications have no fees.
- ☐ \$500 NSR application Filing Fee enclosed **OR** ☐ The full permit fee associated with 10 fee points (required w/ streamline applications).
- ☐ Check No.: [redacted] in the amount of [redacted]
- ☒ I acknowledge the required submittal format for the hard copy application is printed double sided 'head-to-toe', 2-hole punched (except the Sect. 2 landscape tables is printed 'head-to-head'), numbered tab separators. Incl. a copy of the check on a separate page.
- ☒ I acknowledge there is an annual fee for permits in addition to the permit review fee: www.env.nm.gov/air-quality/permit-fees-2/.
- ☐ This facility qualifies for the small business fee reduction per 20.2.75.11.C. NMAC. The full \$500.00 filing fee is included with this application and I understand the fee reduction will be calculated in the balance due invoice. The Small Business Certification Form has been previously submitted or is included with this application. (Small Business Environmental Assistance Program Information: www.env.nm.gov/air-quality/small-biz-eap-2/)

Citation: Please provide the **low level citation** under which this application is being submitted: **20.2.70.404.C.1.a NMAC** (e.g. application for a new minor source would be 20.2.72.200.A NMAC, one example for a Technical Permit Revision is 20.2.72.219.B.1.b NMAC, a Title V acid rain application would be: 20.2.70.200.C NMAC)

Section 1 – Facility Information

Section 1-A: Company Information

		AI # if known (see 1 st 3 to 5 #s of permit IDEA ID No.): 26896	Updating Permit/NOI #: P264-R1
1	Facility Name: Chaparral Gas Plant	Plant primary SIC Code (4 digits): 1311	
		Plant NAIC code (6 digits): 211130	
a	Facility Street Address (If no facility street address, provide directions from a prominent landmark): See Section 1-D.		
2	Plant Operator Company Name: Enterprise Products Operating, LLC	Phone/Fax: (713) 381-6595 / (713) 381-6811	
a	Plant Operator Address: PO Box 4324, Houston, TX 77210-4324		

b	Plant Operator's New Mexico Corporate ID or Tax ID: 3289188	
3	Plant Owner(s) name(s): Enterprise Field Services, LLC	Phone/Fax: (713) 381-6500 / (713) 381-6811
a	Plant Owner(s) Mailing Address(s): PO Box 4324, Houston, TX 77210-4324	
4	Bill To (Company): Enterprise Products Operating, LLC	Phone/Fax: (713) 381-6595 / (713) 381-6811
a	Mailing Address: PO Box 4324, Houston, TX 77210-4324	E-mail: environmental@eprod.com
5	<input checked="" type="checkbox"/> Preparer: Jing Li <input type="checkbox"/> Consultant:	Phone/Fax: (713) 381-5766 / (713) 759-3931
a	Mailing Address: PO Box 4324, Houston, TX 77210-4324	E-mail: jli@eprod.com
6	Plant Operator Contact: Roland Zamarripa	Phone/Fax: (575) 628-6919
a	Address: PO Box 4324, Houston, TX 77210-4324	E-mail: rzamarripa@eprod.com
7	Air Permit Contact: Jing Li	Title: Staff Environmental Engineer
a	E-mail: jli@eprod.com	Phone/Fax: (713) 381-5766 / (713) 759-3931
b	<input checked="" type="checkbox"/> Preparer: Jing Li <input type="checkbox"/> Consultant:	
c	The designated Air permit Contact will receive all official correspondence (i.e. letters, permits) from the Air Quality Bureau.	

Section 1-B: Current Facility Status

1.a	Has this facility already been constructed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.b If yes to question 1.a, is it currently operating in New Mexico? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2	If yes to question 1.a, was the existing facility subject to a Notice of Intent (NOI) (20.2.73 NMAC) before submittal of this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes to question 1.a, was the existing facility subject to a construction permit (20.2.72 NMAC) before submittal of this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Is the facility currently shut down? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, give month and year of shut down (MM/YY): N/A
4	Was this facility constructed before 8/31/1972 and continuously operated since 1972? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5	If Yes to question 3, has this facility been modified (see 20.2.72.7.P NMAC) or the capacity increased since 8/31/1972? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
6	Does this facility have a Title V operating permit (20.2.70 NMAC)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the permit No. is: P264-R1
7	Has this facility been issued a No Permit Required (NPR)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the NPR No. is: N/A
8	Has this facility been issued a Notice of Intent (NOI)? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the NOI No. is: N/A
9	Does this facility have a construction permit (20.2.72/20.2.74 NMAC)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the permit No. is: 3662-M8R5
10	Is this facility registered under a General permit (GCP-1, GCP-2, etc.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the register No. is: N/A

Section 1-C: Facility Input Capacity & Production Rate

1	What is the facility's maximum input capacity, specify units (reference here and list capacities in Section 20, if more room is required)			
a	Current	Hourly: 2.9 MMscf/hr	Daily: 70 MMscfd	Annually: 25,550 MMscf/yr
b	Proposed	Hourly: 2.9 MMscf/hr	Daily: 70 MMscfd	Annually: 25,550 MMscf/yr
2	What is the facility's maximum production rate, specify units (reference here and list capacities in Section 20, if more room is required)			
a	Current	Hourly: 2.9 MMscf/hr	Daily: 70 MMscfd	Annually: 25,550 MMscf/yr

b	Proposed	Hourly: 2.9 MMscf/hr	Daily: 70 MMscfd	Annually: 25,550 MMscf/yr
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Section 1-D: Facility Location Information

1	Section: 17	Range: 31E	Township: 19S	County: Eddy	Elevation (ft): 3,431
2	UTM Zone: <input type="checkbox"/> 12 or <input checked="" type="checkbox"/> 13			Datum: <input type="checkbox"/> NAD 27 <input type="checkbox"/> NAD 83 <input checked="" type="checkbox"/> WGS 84	
a	UTM E (in meters, to nearest 10 meters): 603,640 m E			UTM N (in meters, to nearest 10 meters): 3,613,490 m N	
b	AND Latitude (deg., min., sec.): 32°39'15.06"N			Longitude (deg., min., sec.): 103°53'41.54"W	
3	Name and zip code of nearest New Mexico town: Loco Hills, NM 88255				
4	Detailed Driving Instructions from nearest NM town (attach a road map if necessary): Follow NM 360 south 5.0 miles to Schugart Road (HWY-222). Follow HWY 222 for 4.5 miles to North-bound Lease Road. Follow the lease road 0.25 miles to the facility.				
5	The facility is 12 miles southwest of Loco Hills, NM.				
6	Status of land at facility (check one): <input type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input checked="" type="checkbox"/> Federal BLM <input type="checkbox"/> Federal Forest Service <input type="checkbox"/> Other (specify)				
7	List all municipalities, Indian tribes, and counties within a ten (10) mile radius (20.2.72.203.B.2 NMAC) of the property on which the facility is proposed to be constructed or operated: Municipalities: None. Indian tribes: None. Counties: Eddy County, Lea County				
8	20.2.72 NMAC applications only: Will the property on which the facility is proposed to be constructed or operated be closer than 50 km (31 miles) to other states, Bernalillo County, or a Class I area (see www.env.nm.gov/aqb/modeling/class1areas.html)? <input type="checkbox"/> Yes <input type="checkbox"/> No (20.2.72.206.A.7 NMAC) If yes, list all with corresponding distances in kilometers:				
9	Name nearest Class I area: Carlsbad Caverns National Park				
10	Shortest distance (in km) from facility boundary to the boundary of the nearest Class I area (to the nearest 10 meters): 67.7 km				
11	Distance (meters) from the perimeter of the Area of Operations (AO is defined as the plant site inclusive of all disturbed lands, including mining overburden removal areas) to nearest residence, school or occupied structure: 19,593 m				
12	Method(s) used to delineate the Restricted Area: Fencing, gates, and signage. "Restricted Area" is an area to which public entry is effectively precluded. Effective barriers include continuous fencing, continuous walls, or other continuous barriers approved by the Department, such as rugged physical terrain with steep grade that would require special equipment to traverse. If a large property is completely enclosed by fencing, a restricted area within the property may be identified with signage only. Public roads cannot be part of a Restricted Area.				
13	Does the owner/operator intend to operate this source as a portable stationary source as defined in 20.2.72.7.X NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No A portable stationary source is not a mobile source, such as an automobile, but a source that can be installed permanently at one location or that can be re-installed at various locations, such as a hot mix asphalt plant that is moved to different job sites.				
14	Will this facility operate in conjunction with other air regulated parties on the same property? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, what is the name and permit number (if known) of the other facility?				

Section 1-E: Proposed Operating Schedule (The 1-E.1 & 1-E.2 operating schedules may become conditions in the permit.)

1	Facility maximum operating ($\frac{\text{hours}}{\text{day}}$): 24	($\frac{\text{days}}{\text{week}}$): 7	($\frac{\text{weeks}}{\text{year}}$): 52	($\frac{\text{hours}}{\text{year}}$): 8,760
2	Facility's maximum daily operating schedule (if less than 24 $\frac{\text{hours}}{\text{day}}$)? Start: N/A		<input type="checkbox"/> AM <input type="checkbox"/> PM	End: N/A <input type="checkbox"/> AM <input type="checkbox"/> PM
3	Month and year of anticipated start of construction: N/A			
4	Month and year of anticipated construction completion: N/A			
5	Month and year of anticipated startup of new or modified facility: N/A			
6	Will this facility operate at this site for more than one year? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

Section 1-F: Other Facility Information

1	Are there any current Notice of Violations (NOV), compliance orders, or any other compliance or enforcement issues related to this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, specify:		
a	If yes, NOV date or description of issue: N/A	NOV Tracking No:	
b	Is this application in response to any issue listed in 1-F, 1 or 1a above? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, provide the 1c & 1d info below:		
c	Document Title: N/A	Date:	Requirement # (or page # and paragraph #):
d	Provide the required text to be inserted in this permit: N/A		
2	Is air quality dispersion modeling or modeling waiver being submitted with this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3	Does this facility require an "Air Toxics" permit under 20.2.72.400 NMAC & 20.2.72.502, Tables A and/or B? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
4	Will this facility be a source of federal Hazardous Air Pollutants (HAP)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
a	If Yes, what type of source? <input type="checkbox"/> Major (<input type="checkbox"/> ≥ 10 tpy of any single HAP OR <input type="checkbox"/> ≥ 25 tpy of any combination of HAPS) OR <input checked="" type="checkbox"/> Minor (<input checked="" type="checkbox"/> < 10 tpy of any single HAP AND <input checked="" type="checkbox"/> < 25 tpy of any combination of HAPS)		
5	Is any unit exempt under 20.2.72.202.B.3 NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
a	If yes, include the name of company providing commercial electric power to the facility: N/A Commercial power is purchased from a commercial utility company, which specifically does not include power generated on site for the sole purpose of the user.		

Section 1-G: Streamline Application

(This section applies to 20.2.72.300 NMAC Streamline applications only)

1	<input type="checkbox"/> I have filled out Section 18, "Addendum for Streamline Applications." <input checked="" type="checkbox"/> N/A (This is not a Streamline application.)
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Section 1-H: Current Title V Information - Required for all applications from TV Sources

(Title V-source required information for all applications submitted pursuant to 20.2.72 NMAC (Minor Construction Permits), or 20.2.74/20.2.79 NMAC (Major PSD/NNSR applications), and/or 20.2.70 NMAC (Title V))

1	Responsible Official (R.O.) (20.2.70.300.D.2 NMAC): Graham Bacon		Phone: (713) 381-6595
a	R.O. Title: Executive Vice President-EHS&T	R.O. e-mail: environmental@eprod.com	
b	R. O. Address: PO Box 4324, Houston, TX 77210-4324		
2	Alternate Responsible Official (20.2.70.300.D.2 NMAC): Ivan W. Zirbes		Phone: (713) 381-6595
a	A. R.O. Title: Vice President-EHS&T	A. R.O. e-mail: environmental@eprod.com	
b	A. R. O. Address: PO Box 4324, Houston, TX 77210-4324		
3	Company's Corporate or Partnership Relationship to any other Air Quality Permittee (List the names of any companies that have operating (20.2.70 NMAC) permits and with whom the applicant for this permit has a corporate or partnership relationship): Enterprise Field Services, LLC and Enterprise Products Operating, LLC		
4	Name of Parent Company ("Parent Company" means the primary name of the organization that owns the company to be permitted wholly or in part.): Enterprise Product Partners, LP		
a	Address of Parent Company: 1100 Louisiana St., Houston, TX 77002		
5	Names of Subsidiary Companies ("Subsidiary Companies" means organizations, branches, divisions or subsidiaries, which are owned, wholly or in part, by the company to be permitted.): N/A		
6	Telephone numbers & names of the owners' agents and site contacts familiar with plant operations: Daryl Arredondo (575) 628-6819 / Jing Li (713) 381-5766		

7	<p>Affected Programs to include Other States, local air pollution control programs (i.e. Bernalillo) and Indian tribes:</p> <p>Will the property on which the facility is proposed to be constructed or operated be closer than 80 km (50 miles) from other states, local pollution control programs, and Indian tribes and pueblos (20.2.70.402.A.2 and 20.2.70.7.B)? If yes, state which ones and provide the distances in kilometers: Texas (~73 km)</p>
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Section 1-I – Submittal Requirements

Each 20.2.73 NMAC (NOI), a 20.2.70 NMAC (Title V), a 20.2.72 NMAC (NSR minor source), or 20.2.74 NMAC (PSD) application package shall consist of the following:

Hard Copy Submittal Requirements:

- 1) One hard copy **original signed and notarized application package printed double sided 'head-to-toe' 2-hole punched** as we bind the document on top, not on the side; except Section 2 (landscape tables), which should be **head-to-head**. Please use **numbered tab separators** in the hard copy submittal(s) as this facilitates the review process. For NOI submittals only, hard copies of UA1, Tables 2A, 2D & 2F, Section 3 and the signed Certification Page are required. **Please include a copy of the check on a separate page.**
- 2) If the application is for a minor NSR, PSD, NNSR, or Title V application, include one working hard **copy** for Department use. This **copy** should be printed in book form, 3-hole punched, and **must be double sided**. Note that this is in addition to the head-to-toe 2-hole punched copy required in 1) above. Minor NSR Technical Permit revisions (20.2.72.219.B NMAC) only need to fill out Sections 1-A, 1-B, 3, and should fill out those portions of other Section(s) relevant to the technical permit revision. TV Minor Modifications need only fill out Sections 1-A, 1-B, 1-H, 3, and those portions of other Section(s) relevant to the minor modification. NMED may require additional portions of the application to be submitted, as needed.
- 3) The entire NOI or Permit application package, including the full modeling study, should be submitted electronically. Electronic files for applications for NOIs, any type of General Construction Permit (GCP), or technical revisions to NSRs must be submitted with compact disk (CD) or digital versatile disc (DVD). For these permit application submittals, **two CD** copies are required (in sleeves, not crystal cases, please), with additional CD copies as specified below. NOI applications require only a **single CD** submittal. Electronic files for other New Source Review (construction) permits/permit modifications or Title V permits/permit modifications can be submitted on CD/DVD or sent through AQB's secure file transfer service.

Electronic files sent by (check one):

☒ CD/DVD attached to paper application

☐ secure electronic transfer. Air Permit Contact Name _____

Email _____

Phone number _____

a. If the file transfer service is chosen by the applicant, after receipt of the application, the Bureau will email the applicant with instructions for submitting the electronic files through a secure file transfer service. Submission of the electronic files through the file transfer service needs to be completed within 3 business days after the invitation is received, so the applicant should ensure that the files are ready when sending the hard copy of the application. The applicant will not need a password to complete the transfer. **Do not use the file transfer service for NOIs, any type of GCP, or technical revisions to NSR permits.**

- 4) Optionally, the applicant may submit the files with the application on compact disk (CD) or digital versatile disc (DVD) following the instructions above and the instructions in 5 for applications subject to PSD review.
- 5) If **air dispersion modeling** is required by the application type, include the **NMED Modeling Waiver** and/or electronic air dispersion modeling report, input, and output files. The dispersion modeling **summary report only** should be submitted as hard copy(ies) unless otherwise indicated by the Bureau.
- 6) If the applicant submits the electronic files on CD and the application is subject to PSD review under 20.2.74 NMAC (PSD) or NNSR under 20.2.79 NMC include,
 - a. one additional CD copy for US EPA,
 - b. one additional CD copy for each federal land manager affected (NPS, USFS, FWS, USDI) and,
 - c. one additional CD copy for each affected regulatory agency other than the Air Quality Bureau.

If the application is submitted electronically through the secure file transfer service, these extra CDs do not need to be submitted.

Electronic Submittal Requirements [in addition to the required hard copy(ies)]:

- 1) All required electronic documents shall be submitted as 2 separate CDs or submitted through the AQB secure file transfer service. Submit a single PDF document of the entire application as submitted and the individual documents comprising the application.
- 2) The documents should also be submitted in Microsoft Office compatible file format (Word, Excel, etc.) allowing us to access the text and formulas in the documents (copy & paste). Any documents that cannot be submitted in a Microsoft Office compatible

format shall be saved as a PDF file from within the electronic document that created the file. If you are unable to provide Microsoft office compatible electronic files or internally generated PDF files of files (items that were not created electronically: i.e. brochures, maps, graphics, etc.), submit these items in hard copy format. We must be able to review the formulas and inputs that calculated the emissions.

- 3) It is preferred that this application form be submitted as 4 electronic files (**3 MSWord docs**: Universal Application section 1 [UA1], Universal Application section 3-19 [UA3], and Universal Application 4, the modeling report [UA4]) and **1 Excel file** of the tables (Universal Application section 2 [UA2]). Please include as many of the 3-19 Sections as practical in a single MS Word electronic document. Create separate electronic file(s) if a single file becomes too large or if portions must be saved in a file format other than MS Word.
- 4) The **electronic file names** shall be a maximum of 25 characters long (including spaces, if any). The format of the electronic Universal Application shall be in the format: "A-3423-FacilityName". The "A" distinguishes the file as an application submittal, as opposed to other documents the Department itself puts into the database. Thus, all electronic application submittals should begin with "A-". Modifications to existing facilities should use the **core permit number** (i.e. '3423') the Department assigned to the facility as the next 4 digits. Use 'XXXX' for new facility applications. The format of any separate electronic submittals (additional submittals such as non-Word attachments, re-submittals, application updates) and Section document shall be in the format: "A-3423-9-description", where "9" stands for the **section #** (in this case Section 9-Public Notice). Please refrain, as much as possible, from submitting any scanned documents as this file format is extremely large, which uses up too much storage capacity in our database. Please take the time to fill out the **header information** throughout all submittals as this will identify any loose pages, including the Application Date (date submitted) & Revision number (0 for original, 1, 2, etc.; which will help keep track of subsequent partial update(s) to the original submittal. Do not use special symbols (#, @, etc.) in file names. The footer information should not be modified by the applicant.

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Table 2-A: Regulated Emission Sources

Unit and stack numbering must correspond throughout the application package. If applying for a NOI under 20.2.73 NMAC, equipment exemptions under 2.72.202 NMAC do not apply.

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufacturer's Rated Capacity ² (Specify Units)	Requested Permitted Capacity ³ (Specify Units)	Controlled by		Source Classification Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SLB, 4SLB, 2SLB) ⁴	Replacing Unit No.
							Date of Manufacture ²	Unit #				
							Date of Construction/ Reconstruction ²	Emissions vented to Stack #				
E-1000	Compressor Engine	Caterpillar	G3516 TALE	WPW02043	1340 hp	1340 hp	15-Feb-08 21-Jun-17	E-1000 E-1000	31000203	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input checked="" type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	4SLB	N/A
E-2000	Compressor Engine	Caterpillar	G3516 TALE	WPW01848	1340 hp	1340 hp	26-Nov-07 13-Feb-09	E-2000 E-2000	31000203	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input checked="" type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	4SLB	N/A
E-3000	Compressor Engine	Waukesha	7042 GL	296656	1547 hp	1547 hp	23-May-79 1-Dec-07	E-3000 E-3000	31000203	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	4SLB	N/A
E-4000	Compressor Engine	Waukesha	7042 GL	335197	1547 hp	1547 hp	11-Sep-81 1-Dec-07	E-4000 E-4000	31000203	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	4SLB	N/A
E-5000	Compressor Engine	Caterpillar	G3516 TALE	4EK01789	1340 hp	1340 hp	24-Jun-94 1-Jan-08	E-5000 E-5000	31000203	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input checked="" type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	4SLB	N/A
E-6000	Compressor Engine	Caterpillar	G3516 TALE	WPW02312	1340 hp	1340 hp	29-Jul-08 Jan-14	E-6000 E-6000	31000203	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	4SLB	N/A
E-7000	Compressor Engine	Caterpillar	G3516 TALE	WPW01845	1340 hp	1340 hp	26-Nov-07 1-Jul-18	E-7000 E-7000	31000203	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	4SLB	N/A
AMINE-1 & 2**	Amine Flash Tank & Still Vent	OPD	N/A	08040-1 08040-3	19.9 gpm	19.9 gpm	1-Jul-08 May-09	FLARE FLARE	31000305	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
CRYO ⁵	Cryogenic Unit (NGL, Distillation Train)	LA Turbine	N/A	10024ESC	70 MMscfd	70 MMscfd	1-Jan-88 May-09	N/A N/A	31000199	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
DEHY-1a (Reboiler)	Glycol Duty Reboiler Burner	Hanover	N/A	3418	2.0 MMbbl/hr (Reboiler)	2.0 MMbbl/hr (Reboiler)	1-Feb-06 May-09	DEHY-1 DEHY-1a (Reboiler)	31000302	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
DEHY-1b (Still Vent)	Glycol Duty Still Vent/Flash Tank	Smith	N/A	CR5097	70 MMscfd (Vent/Flash Tank)	70 MMscfd (Vent/Flash Tank)	Apr-06 May-09	BTEX/ ECD BTEX/ ECD	31000301	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input checked="" type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
DEHY-2a (Reboiler)	Glycol Duty Reboiler Burner	Flame Co	N/A	1310-72K	1.0 MMbbl/hr (Reboiler)	1.0 MMbbl/hr (Reboiler)	2014 2014	DEHY-2 DEHY-2	31000302	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
DEHY-2b (Still Vent)	Glycol Duty Still Vent/Flash Tank	Valerus	N/A	P3908	70 MMscfd (Vent/Flash Tank)	70 MMscfd (Vent/Flash Tank)	2014 2015	BTEX BTEX Buster/Flare	31000301	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
MOLE-1	Molecular Sieve Regenerator Heater	Power Flame Inc.	C4-F-25	028944665	2.8 MMbbl/hr	2.8 MMbbl/hr	1-Jun-88 May-09	N/A MOLE-1	31000404	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
TK-1	Condensate Tank	Permian Tank	N/A	48396	300 bbl	300 bbl	Jan-09 Dec-07	N/A TK-1	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
TK-2	Condensate Tank	Permian Tank	N/A	41892	300 bbl	300 bbl	Apr-06 Dec-07	N/A TK-2	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A
TK-3	Condensate Tank	N/A	N/A	N/A	300 bbl	300 bbl	5-Jun-09 5-Jun-09	N/A TK-3	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> To Be Replaced	N/A	N/A

Unit Number ¹	Source Description	Make	Model #	Serial #	Manufacturer's Rated Capacity ² (Specify Unit)	Requested Permitted Capacity ³ (Specify Unit)	Controlled by Unit #		Source Classification Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CL, SL, 4SRB, 4SRB, 2SLB) ⁴	Replacing Unit No.
							Date of Manufacture ²	Emissions vented to Stack #				
LOAD-1	Truck Loading of Condensate	N/A	N/A	N/A	30,000 bpy	30,000 bpy	1-Jan-08	N/A	31000199	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
FLARE ⁵	Process Flare	Flare Industries	N/A	8416	0.024 MMscf/hr	0.024 MMscf/hr	1-Jan-09	N/A	31000215	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
FLARE ⁵	Emergency Flare	Flare Industries	N/A	8416	1.4 MMscf/hr	1.4 MMscf/hr	1-Jan-09	N/A	31000215	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
ECD-1	Enclosed Combustor	SpiralX	N/A	TBD	1.4 MMscf/hr	0.38 MMscf/hr	10-2021	N/A	31000215	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
FUG-1	Slitwide Fugitives - NSPS/KKK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
FUG-2	Slitwide Fugitives - NSPS/KKK	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
HAUL	Unpaved Haul Road Emissions	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
SSM/M1	Startup, Shutdown, Maintenance and Malfunction Emissions	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
MRU ⁶	Mechanical Refrigeration Unit (MRU)	TBD	TBD	TBD	70 MMscf/d	70 MMscf/d	9-Apr-15	N/A	31000199	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
P24A	Centrifugal Pump	Schlumberger	100330179	H12T23870147-111	125 bbl/hr	125 bbl/hr	TBD	N/A	31000309	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
P24B	Centrifugal Pump	Schlumberger	100330179	H12T638628 6111	125 bbl/hr	125 bbl/hr	1-Oct-11	N/A	31000309	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A
E-VRU-1	VRU Compressor Engine	Caterpillar	G3508 LE	9TG0045	515	515	2-Oct-96	E-VRU-1	31000203	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> New/Additional <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Removed <input type="checkbox"/> Replacement Unit	N/A	N/A

** Amine -1 emissions will be controlled by the EPN Flare.

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 Specify dates required to determine regulatory applicability.

³ To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

⁴ "4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CJ" means compression ignition, and "SJ" means spark ignition.

⁵ This facility has a single flare unit that operates as a Process Flare with a rating of 0.024 MMscf/hr, but also as an Emergency Flare with an operational rating of 1.4 MMscf/hr.

⁶ The CRYO and MRU are not sources of regulated pollutants other than fugitives. Fugitives from the CRYO and MRU units are encompassed in the facility fugitive emissions calculation.

Table 2-B: Insignificant Activities' (20.2.70 NMAC) OR Exempted Equipment (20.2.72 NMAC)

All 20.2.70 NMAC (Title V) applications must list all Insignificant Activities in this table. All 20.2.72 NMAC applications must list Exempted Equipment in this table. If equipment listed on this table is exempt under 20.2.72.202.B.5, include emissions calculations and emissions totals for 20.2.B.5 "similar functions" units, operations, and activities in Section 6, Calculations, Equipment and activities exempted under 20.2.72.202 NMAC may not necessarily be Insignificant under 20.2.70 NMAC (and vice versa). Unit & stack numbering must be consistent throughout the application package. Per Exemptions Policy 02-012.00 (see <http://www.env.nm.gov/aq/p/perm/aq/p/02-012.00>), 20.2.72.202.B NMAC Exemptions do not apply, but 20.2.72.202.A NMAC exemptions do apply to NOI facilities under 20.2.73 NMAC. List 20.2.72.301.D 4 NMAC Auxiliary Equipment for Streamline applications in Table 2-A. The list of Insignificant Activities (for TV) can be found online at <http://www.env.nm.gov/aq/b/forms/InsignificantListTitleV.pdf>. TV sources may elect to enter both TV Insignificant Activities and Part 72 Exemptions on this form.

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)		Date of Manufacture / Reconstruction ²	Date of Installation / Construction ²	For Each Piece of Equipment, Check One
					Insignificant Activity citation (e.g. 1A List Item #1.a)				
TK-Misc	Stop Tank	N/A	N/A	N/A	20.2.72.202.B.5	N/A	N/A		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
P24A	Centrifugal pump	Schlumberger	GSA1B XDB2123982	125 bbl/hr	20.2.72.202.B.5	N/A	Oct. 2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
P24B	Centrifugal pump	Schlumberger	GSA1B XDB2121574	125 bbl/hr	20.2.72.202.B.5	N/A	Oct. 2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
C-1000	Reciprocating Compressor	Unknown	Unknown	Unknown	20.2.72.202.B.5	N/A	<8/23/2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
C-2000	Reciprocating Compressor	Unknown	Unknown	Unknown	20.2.72.202.B.5	N/A	<8/23/2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
C-3000	Reciprocating Compressor	Unknown	Unknown	Unknown	20.2.72.202.B.5	N/A	<8/23/2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
C-4000	Reciprocating Compressor	Unknown	Unknown	Unknown	20.2.72.202.B.5	N/A	<8/23/2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
C-5000	Reciprocating Compressor	Unknown	Unknown	Unknown	20.2.72.202.B.5	N/A	<8/23/2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
C-6000	Reciprocating Compressor	Unknown	Unknown	Unknown	20.2.72.202.B.5	N/A	<8/23/2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
C-7000	Reciprocating Compressor	Unknown	Unknown	Unknown	20.2.72.202.B.5	N/A	Sep-08		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
C-VRLU1	Reciprocating Compressor	TBD	Unknown	Unknown	20.2.72.202.B.5	N/A	Sep-06		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
TK-LO	Lube Oil Tank	N/A	N/A	1020 gallons	20.2.72.202.B.5	N/A	Dec-21		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
TK-EC	Engine Coolant Tank	N/A	N/A	1020 gallons	20.2.72.202.B.5	N/A	TBD		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
TK-PC	Booster Pump Coolant Tank	N/A	N/A	750 gallons	20.2.72.202.B.5	N/A	TBD		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
TK-AF	Antifreeze Tank	N/A	N/A	500 gallons	20.2.72.202.B.5	N/A	TBD		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced
TK-M2	Methanol Tank	N/A	N/A	1000 gallons	20.2.72.202.B.5	N/A	<8/23/2011		<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To Be Replaced

¹ Insignificant activities exempted due to size or production rate are defined in 20.2.7.300.D.6, 20.2.7.7.Q NMAC, and the NMED/AQB List of Insignificant Activities, dated September 15, 2008. Emissions from these insignificant activities do not need to be reported, unless specifically requested.

☐ This Table was intentionally left blank because it would be identical to Table 2-E.

shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41 or 1.41E-4).

¹ Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for TSP unless TSP is set equal to PM10 and PM2.5.

Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a " " symbol. A " " symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E⁻¹).

Unit No.	NOx		CO		VOC		SOx		TSP ¹		PM10 ¹		PM2.5 ¹		H ₂ S		Lead ton/yr
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	
E-1000	3.81	16.67	0.78	3.40	0.62	2.72	0.13	0.56	0.085	0.37	0.085	0.37	0.085	0.37	-	-	-
E-2000	3.81	16.67	4.57	20.01	1.24	5.45	0.13	0.56	0.085	0.37	0.085	0.37	0.085	0.37	-	-	-
E-3000	5.12	22.41	1.81	7.92	3.41	14.94	0.17	0.75	0.11	0.50	0.11	0.50	0.11	0.50	-	-	-
E-4000	5.12	22.41	1.81	7.92	3.41	14.94	0.17	0.75	0.11	0.50	0.11	0.50	0.11	0.50	-	-	-
E-5000	3.81	16.67	4.57	20.01	1.24	5.45	0.13	0.56	0.085	0.37	0.085	0.37	0.085	0.37	-	-	-
E-6000	5.91	25.88	5.49	24.07	0.77	3.36	0.15	0.65	0.10	0.43	0.10	0.43	0.10	0.43	-	-	-
E-7000	5.91	25.88	1.37	6.00	1.24	5.43	0.15	0.65	0.10	0.43	0.10	0.43	0.10	0.43	-	-	-
DEHY-1a (reboiler)	0.21	0.92	0.18	0.77	0.01	0.05	0.03	0.13	0.02	0.07	0.02	0.07	0.02	0.07	-	-	-
DEHY-1b (Still vent)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEHY-2a (reboiler)	0.11	0.46	0.088	0.39	0.0058	0.025	0.015	0.066	0.0080	0.035	0.0080	0.035	0.0080	0.035	-	-	-
DEHY-2b (still vent)	-	-	-	-	0.60	2.61	0.048	0.21	-	-	-	-	-	-	5.17E-04	2.27E-03	-
AMINE 1 and 2	-	-	-	-	-	2.02	8.84	-	-	-	-	-	-	-	0.094	0.41	-
MOLE-1	0.28	1.21	0.23	1.01	0.015	0.066	0.042	0.19	0.021	0.092	0.021	0.092	0.021	0.092	-	-	-
TK-1 through TK-3	-	-	-	-	*	14.98	-	-	-	-	-	-	-	-	-	-	-
LOAD-1	-	-	-	-	-	9.73	-	-	-	-	-	-	-	-	-	-	-
FLARE	5.27	23.09	10.52	46.09	24.82	108.71	0.065	0.28	-	-	-	-	-	-	6.82E-04	2.99E-03	-
HAUL	-	-	-	-	-	-	-	-	5.52	3.37	1.25	0.77	0.13	0.077	-	-	-
FUG-1 ²	-	-	-	-	*	44.58	-	-	-	-	-	-	-	-	*	1.11E-03	-
FUG-2 ²	-	-	-	-	*	23.40	-	-	-	-	-	-	-	-	*	5.83E-04	-
E-VRU-1	2.27	9.95	0.39	1.69	0.40	1.74	0.058	0.25	0.039	0.17	0.039	0.17	0.039	0.17	-	-	-
ECD-1	0.092	0.40	0.18	0.80	0.42	1.85	2.00E-03	8.76E-03	-	-	-	-	-	-	-	-	-
Totals	41.69	182.61	31.98	140.08	40.23	268.88	1.29	5.63	6.29	6.72	2.02	4.11	0.89	3.42	0.10	0.42	-

¹ Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for TSP unless TSP is set equal to PM10 and PM2.5.

Table 2-1: Stack Exit and Fugitive Emission Rates for HAPs and TAPs

In the table below, report the Potential to Emit for each HAP from each regulated emission unit listed in Table 2-A, only if the entire facility emits the HAP at a rate greater than or equal to one (1) ton per year. For each such emission unit, HAPs shall be reported to the nearest 0.1 ton per year. Each facility-wide Individual HAP total and the facility-wide Total HAPs shall be the sum of all HAP sources calculated to the nearest 0.1 ton per year. Per 20.2.72.403.1 (1) NMAC, facilities not exempt (see 20.2.72.402.C NMAC) from TAP permitting shall report each TAP that has an uncontrollable emission rate in excess of its pounds per hour screening level specified in 20.2.72.502 NMAC. TAPs shall be reported using one more significant figure than the number of significant figures shown in the pound per hour threshold corresponding to the substance. Use the HAP nomenclature as it appears in Section 112 (b) of the 1990 CAAA and the TAP nomenclature as it listed in 20.2.72.502 NMAC. Include tank-flashing emissions estimates of HAPs in this table. For each HAP or TAP listed, fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected or the pollutant is emitted in a quantity less than the threshold amounts described above.

[illegible]

Table 2-J: Fuel

Specify fuel characteristics and usage. Unit and stack numbering must correspond throughout the application package.

Unit No.	Fuel Type (low sulfur Diesel, ultra low sulfur diesel, Natural Gas, Coal, ...)	Fuel Source: purchased commercial, pipeline quality natural gas, residue gas, raw/field natural gas, process gas (e.g. SRU tail gas) or other	Specify Units			
			Lower Heating Value	Hourly Usage	Annual Usage	% Ash
E-1000	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	10.5 Mscf	91.6 MMscf	5 gr S/ 100 scf Negligible
E-2000	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	10.5 Mscf	91.6 MMscf	5 gr S/ 100 scf Negligible
E-3000	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	12.0 Mscf	104.8 MMscf	5 gr S/ 100 scf Negligible
E-4000	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	12.0 Mscf	104.8 MMscf	5 gr S/ 100 scf Negligible
E-5000	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	10.5 Mscf	91.6 MMscf	5 gr S/ 100 scf Negligible
E-6000	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	10.4 Mscf	91.5 MMscf	5 gr S/ 100 scf Negligible
E-7000	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	10.4 Mscf	91.5 MMscf	5 gr S/ 100 scf Negligible
DEHY-1	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	2.1 Mscf	18.4 MMscf	5 gr S/ 100 scf Negligible
DEHY-2	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	1.1 Mscf	9.2 MMscf	5 gr S/ 100 scf Negligible
FLARE (pilot)	Natural Gas	Pipeline Quality Natural Gas	1816 Btu/scf ¹	150 scf	1.3 MMscf	5 gr S/ 100 scf Negligible
FLARE (process)	Natural Gas	Pipeline Quality Natural Gas, Facility Offgas	1816 Btu/scf ²	19.5 Mscf ³	171.0 MMscf ⁴	5 gr S/ 100 scf Negligible
MOLE-1	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	3.0 Mscf	25.9 MMscf	5 gr S/ 100 scf Negligible
E-VRU-1	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	4.1 Mscf	35.7 MMscf	5 gr S/ 100 scf Negligible
ECD-1	Natural Gas	Pipeline Quality Natural Gas	950 Btu/scf	175 scf	1.53 MMscf	5 gr S/ 100 scf Negligible

¹The Flare's Pilot runs with waste gas.²The Process Flare runs with waste gas.³Pilot Flow + Process Flow = (0.019 MMscf/hr * 1X106 scf/ MMscf) + 150 scf/hr = 19525 scf/hr = 19.5 Mscf/hr⁴Then, to convert Mscf/hr to MMscf/yr : (19.5 Mscf/hr) * (8760 hrs/yr) * (1MMscf/1000 Mscf) = 171.0 MMscf/yr

Table 2-K: Liquid Data for Tanks Listed in Table 2-L

For each tank, list the liquid(s) to be stored in each tank. If it is expected that a tank may store a variety of hydrocarbon liquids, enter "mixed hydrocarbons" in the Composition column for that tank and enter the corresponding data of the most volatile liquid to be stored in the tank. If tank is to be used for storage of different materials, list all the materials in the "All Calculations" attachment, run the newest version of TANKS on each, and use the material with the highest emission rate to determine maximum uncontrolled and requested allowable emissions rate. The permit will specify the most volatile category of liquids that may be stored in each tank. Include appropriate tank-flashing modeling input data. Use additional sheets if necessary. Unit and stack numbering must correspond throughout the application package.

[illegible]

Table 2-L: Tank Data

Include appropriate tank-flashing modeling input data. Use an addendum to this table for unlisted data categories. Unit and stack numbering must correspond throughout the application package. Use additional sheets if necessary. See reference Table 2-12. Note: 1.00 bbl = 10.159 M3 = 42.0 gal

[illegible]

Table 2-L-2: Liquid Storage Tank Data Codes Reference Table

Roof Type	Seal Type, Welded Tank Seal Type		Seal Type, Riveted Tank Seal Type		Roof, Shell Color	Paint Condition
	Mechanical Shoe Seal	Liquid-mounted resilient seal	Vapor-mounted resilient seal	Seal Type		
FX: Fixed Roof					WH: White	Good
IF: Internal Floating Roof	A: Primary only	A: Primary only	A: Primary only	A: Mechanical shoe, primary only	AS: Aluminum (specular)	Poor
EF: External Floating Roof	B: Shoe-mounted secondary	B: Weather shield	B: Weather shield	B: Shoe-mounted secondary	AD: Aluminum (diffuse)	
P: Pressure	C: Rim-mounted secondary	C: Rim-mounted secondary	C: Rim-mounted secondary	C: Rim-mounted secondary	LG: Light Gray	
					MG: Medium Gray	
					BL: Black	
					OT: Red Primer	

Note: 1.00 bbl = 0.159 M³ = 42.0 gal

Table 2-M: Materials Processed and Produced (Use additional sheets as necessary.)

Material Processed				Material Produced		
Description	Chemical Composition	Phase (Gas, Liquid, or Solid)	Quantity (specify units)	Description	Chemical Composition	Quantity (specify units)
Natural Gas	Mixed Hydrocarbons	Gas	70 MMscf/day	Natural Gas	Mixed Hydrocarbons	70 MMscf/day
				Condensate	Mixed Hydrocarbons	~164 bbl/day
				NGL	Mixed Hydrocarbons	2218 bbl/day

Table 2-P: Greenhouse Gas Emissions

Applications submitted under 20.2.70, 20.2.72, & 20.2.74 NMAC are required to complete this Table. Power plants, Title V major sources, and PSD major sources must report and calculate all GHG emissions for each unit. Applicants must report potential emission rates in short tons per year (see Section 6.a for assistance). Include GHG emissions during Startup, Shutdown, and Scheduled Maintenance in this table. For minor source facilities that are not power plants, are not Title V, or are not PSD, there are three options for reporting GHGs: 1) report GHGs for each individual piece of equipment; 2) report all GHGs from a group of unit types, for example report all combustion source GHGs as a single unit and all venting GHG as a second separate unit; OR 3) check the following box ☐ By checking this box, the applicant acknowledges the total CO₂e emissions are less than 75,000 tons per year.

Unit No.	GWPs ¹	CO ₂ ton/yr	N ₂ O ton/yr	CH ₄ ton/yr	SW ₄ ton/yr	PFC/HFC ton/yr ²	Total GHG Mass Basis ton/yr ⁴	Total CO ₂ e ton/yr ⁵
E-1000	mass GHG CO ₂ e	4,372.8 2.5	0.0082 2.1	0.082	22,900		4,372.9	4,377.3
E-2000	mass GHG CO ₂ e	4,372.8 2.1	0.0082 2.5	0.082			4,372.9	4,377.3
E-3000	mass GHG CO ₂ e	5,825.8 3.3	0.011 2.7	0.11			5,825.9	5,831.8
E-4000	mass GHG CO ₂ e	5,825.8 3.3	0.011 2.7	0.11			5,825.9	5,831.8
E-5000	mass GHG CO ₂ e	4,372.8 2.5	0.0082 2.1	0.082			4,372.9	4,377.3
E-6000	mass GHG CO ₂ e	5,084.0 2.9	0.0096 2.4	0.10			5,084.1	5,089.2
E-7000	mass GHG CO ₂ e	5,084.0 2.9	0.010 2.4	0.10			5,084.1	5,089.2
DEHY-1	mass GHG CO ₂ e	1,142.3 0.5	0.0022 0.5	0.022			1,142.3	1,143.5
DEHY-2	mass GHG CO ₂ e	522.0 0.293	0.00098 0.246	0.0098			522.0	522.6
AMINE-1 and 2	mass GHG CO ₂ e	1,332.9 14.8	-	0.6			1,333.5	1,347.7
MOLE-1	mass GHG CO ₂ e	1,606.6 0.90	0.0030 0.76	0.030			1,606.7	1,608.3
TK-1	mass GHG CO ₂ e	-	-	-				
TK-2	mass GHG CO ₂ e	-	-	-				
TK-3	mass GHG CO ₂ e	-	-	-				
LOAD-1	mass GHG CO ₂ e	-	-	-				
FLARE	mass GHG CO ₂ e	52.1 1,598.2	0.037 11.0	39,955.3			1,650.3	40,018.3
HAUL	mass GHG CO ₂ e	-	-	-				
FUG-1	mass GHG CO ₂ e	-	-	-				
FUG-2	mass GHG CO ₂ e	-	-	-				
E-VRU-1	mass GHG CO ₂ e	1,981.6 1.1	0.0037 0.9	0.037			1,981.7	1,983.7
SSM/MI	mass GHG CO ₂ e	1,126.3 0.4	0.0014 43.2	1.7			1,128.1	1,169.9
ECD-1	mass GHG CO ₂ e	310.0 0.2	0.0006 0.2	0.006			310.0	310.4
Total	mass GHG CO ₂ e	42,701.8 33.9	40,031.6				44,613.3	83,078.3

¹ GWP (Global Warming Potential): Applicants must use the most current GWPs codified in Table A-1 of 40 CFR part 98. GWPs are subject to change, therefore, applicants need to check 40 CFR 98 to confirm GWP values.

² For HFCs or PFCs describe the specific HFC or PFC compound and use a separate column for each individual compound.

³ For each new compound, enter the appropriate GWP for each HFC or PFC compound from Table A-1 in 40 CFR 98.

⁴ Green house gas emissions on a mass basis is the ton per year green house gas emission before adjustment with its GWP.

⁵ CO₂e means Carbon Dioxide Equivalent and is calculated by multiplying the TYP mass emissions of the green house gas by its GWP.

Section 3

Application Summary

The **Application Summary** shall include a brief description of the facility and its process, the type of permit application, the applicable regulation (i.e. 20.2.72.200.A.X, or 20.2.73 NMAC) under which the application is being submitted, and any air quality permit numbers associated with this site. If this facility is to be collocated with another facility, provide details of the other facility including permit number(s). In case of a revision or modification to a facility, provide the lowest level regulatory citation (i.e. 20.2.72.219.B.1.d NMAC) under which the revision or modification is being requested. Also describe the proposed changes from the original permit, how the proposed modification will affect the facility's operations and emissions, de-bottlenecking impacts, and changes to the facility's major/minor status (both PSD & Title V).

The **Process Summary** shall include a brief description of the facility and its processes.

Startup, Shutdown, and Maintenance (SSM) routine or predictable emissions: Provide an overview of how SSM emissions are accounted for in this application. Refer to "Guidance for Submittal of Startup, Shutdown, Maintenance Emissions in Permit Applications (http://www.env.nm.gov/aqb/permit/app_form.html) for more detailed instructions on SSM emissions.

Enterprise Field Services, LLC (Enterprise) is submitting a Significant Modification application (pursuant to 20.2.70.404.C(1)(a) NMAC) to the current Title V Permit No. P264-R1, issued on July 30, 2019 for the Chaparral Gas Plant (the Plant). Enterprise operates the Plant under the current NSR Construction Permit No. 3662-M8R5, issued on November 10, 2021.

Chaparral is a natural gas processing plant, which currently consists of seven (7) natural gas combustion engines used for natural gas compression, two TEG dehydrators, a molecular sieve dehydrator, an amine sweetening system for liquid treating, a cryogenic natural gas processing train, three (3) 300-barrel condensate tanks, and a flare. Other equipment being included are considered exempt and are not sources of regulated emissions. The facility is located in Eddy County, New Mexico approximately 12 miles southwest of Loco Hills, NM.

The purpose of this revision is to correct federal rule applicability determination. The current P-261R1 lists that C7000 and C-VRU-1 are subject to NSPS OOOOa and OOOO respectively; however, based on the vendor pedigree (attached in Section 13), these units are not subject to these rules. This project does not involve any emissions changes.

Section 13

Determination of State & Federal Air Quality Regulations

This section lists each state and federal air quality regulation that may apply to your facility and/or equipment that are stationary sources of regulated air pollutants.

Not all state and federal air quality regulations are included in this list. Go to the Code of Federal Regulations (CFR) or to the Air Quality Bureau's regulation page to see the full set of air quality regulations.

Required Information for Specific Equipment:

For regulations that apply to specific source types, in the 'Justification' column **provide any information needed to determine if the regulation does or does not apply.** For example, to determine if emissions standards at 40 CFR 60, Subpart IIII apply to your three identical stationary engines, we need to know the construction date as defined in that regulation; the manufacturer date; the date of reconstruction or modification, if any; if they are or are not fire pump engines; if they are or are not emergency engines as defined in that regulation; their site ratings; and the cylinder displacement.

Required Information for Regulations that Apply to the Entire Facility:

See instructions in the 'Justification' column for the information that is needed to determine if an 'Entire Facility' type of regulation applies (e.g. 20.2.70 or 20.2.73 NMAC).

Regulatory Citations for Regulations That Do Not, but Could Apply:

If there is a state or federal air quality regulation that does not apply, but you have a piece of equipment in a source category for which a regulation has been promulgated, you must **provide the low level regulatory citation showing why your piece of equipment is not subject to or exempt from the regulation.** For example if you have a stationary internal combustion engine that is not subject to 40 CFR 63, Subpart ZZZZ because it is an existing 2 stroke lean burn stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, your citation would be 40 CFR 63.6590(b)(3)(i). **We don't want a discussion of every non-applicable regulation, but if it is possible a regulation could apply, explain why it does not.** For example, if your facility is a power plant, you do not need to include a citation to show that 40 CFR 60, Subpart OOO does not apply to your non-existent rock crusher.

Regulatory Citations for Emission Standards:

For each unit that is subject to an emission standard in a source specific regulation, such as 40 CFR 60, Subpart OOO or 40 CFR 63, Subpart HH, include the low level regulatory citation of that emission standard. Emission standards can be numerical emission limits, work practice standards, or other requirements such as maintenance. **Here are examples:** a glycol dehydrator is subject to the general standards at 63.764C(1)(i) through (iii); an engine is subject to 63.6601, Tables 2a and 2b; a crusher is subject to 60.672(b), Table 3 and all transfer points are subject to 60.672(e)(1)

Federally Enforceable Conditions:

All federal regulations are federally enforceable. All Air Quality Bureau State regulations are federally enforceable except for the following: affirmative defense portions at 20.2.7.6.B, 20.2.7.110(B)(15), 20.2.7.11 through 20.2.7.113, 20.2.7.115, and 20.2.7.116; 20.2.37; 20.2.42; 20.2.43; 20.2.62; 20.2.63; 20.2.86; 20.2.89; and 20.2.90 NMAC. Federally enforceable means that EPA can enforce the regulation as well as the Air Quality Bureau and federally enforceable regulations can count toward determining a facility's potential to emit (PTE) for the Title V, PSD, and nonattainment permit regulations.

INCLUDE ANY OTHER INFORMATION NEEDED TO COMPLETE AN APPLICABILITY DETERMINATION OR THAT IS RELEVANT TO YOUR FACILITY'S NOTICE OF INTENT OR PERMIT.

EPA Applicability Determination Index for 40 CFR 60, 61, 63, etc: <http://cfpub.epa.gov/adi/>

Table for STATE REGULATIONS:

STATE REGU- LATIONS CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
20.2.1 NMAC	General Provisions	Yes	Facility	General Provisions apply to Notice of Intent, Construction, and Title V permit applications.
20.2.3 NMAC	Ambient Air Quality Standards NMAAQs	Yes	Facility	If subject, this would normally apply to the entire facility. 20.2.3 NMAC is a State Implementation Plan (SIP) approved regulation that limits the maximum allowable concentration of Total Suspended Particulates, Sulfur Compounds, Carbon Monoxide and Nitrogen Dioxide. Title V applications, see exemption at 20.2.3.9 NMAC
20.2.7 NMAC	Excess Emissions	Yes	Facility	If subject, this would normally apply to the entire facility. If your entire facility or individual pieces of equipment are subject to emissions limits in a permit or numerical emissions standards in a federal or state regulation, this applies. This would not apply to Notices of Intent since these are not permits.
20.2.23 NMAC	Fugitive Dust Control	No	N/A	This regulation does not apply as the facility has no need to incorporate fugitive dust control measures as the facility does not generate enough emissions. As of January 2019, the only areas of the State subject to a mitigation plan per 40 CFR 51.930 are in Doña Ana and Luna Counties. As this site is located in Eddy County a mitigation plan is not required.
20.2.33 NMAC	Gas Burning Equipment - Nitrogen Dioxide	No	N/A	This regulation does not apply to internal combustion equipment such as engines. It only applies to external combustion equipment such as heaters or boilers. This facility does not have gas burning equipment (external combustion emission sources, such as gas fired boilers and heaters) having a heat input of greater than 1,000,000 million British Thermal Units per year per unit. The facility is not subject to this regulation and does not have emission sources that meet the applicability requirements under 20.2.33.108 NMAC.
20.2.34 NMAC	Oil Burning Equipment: NO ₂	No	N/A	This regulation does not apply to internal combustion equipment such as engines. It only applies to external combustion equipment such as heaters or boilers. This facility does not have oil burning equipment (external combustion emission sources, such as oil fired boilers and heaters) having a heat input of greater than 1,000,000 million British Thermal Units per year per unit. The facility is not subject to this regulation and does not have emission sources that meet the applicability requirements under 20.2.34.108 NMAC.
20.2.35 NMAC	Natural Gas Processing Plant – Sulfur	No	N/A	This regulation could apply to existing (prior to July 1, 1974) or new (on or after July 1, 1974) natural gas processing plants that use a Sulfur Recovery Unit to reduce sulfur emissions. This site is not subject to the requirements of this regulation as it does not process sour gas.
20.2.37 and 20.2.36 NMAC	Petroleum Processing Facilities and Petroleum Refineries	N/A	N/A	These regulations were repealed by the Environmental Improvement Board. If you had equipment subject to 20.2.37 NMAC before the repeal, your combustion emission sources are now subject to 20.2.61 NMAC.
<u>20.2.38</u> NMAC	Hydrocarbon Storage Facility	No	TK-1, TK-2, and TK-3	There are three 300-bbl tanks at this facility, which do not meet the capacity or throughput thresholds to be subject to this regulation. [20.2.38.109 NMAC] [20.2.38.112 NMAC]

<u>STATE REGU- LATIONS CITATION</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
20.2.39 NMAC	Sulfur Recovery Plant - Sulfur	No	N/A	This regulation could apply to sulfur recovery plants that are not part of petroleum or natural gas processing facilities.
20.2.61.109 NMAC	Smoke & Visible Emissions	Yes	ECD-1, FLARE, C-1000 to C-7000	This regulation that limits opacity to 20% applies to Stationary Combustion Equipment, such as engines, boilers, heaters, and flares unless your equipment is subject to another state regulation that limits particulate matter such as 20.2.19 NMAC (see 20.2.61.109 NMAC). This regulation is applicable to units ECD-1, FLARE, C-1000 to C-7000
20.2.70 NMAC	Operating Permits	Yes	Facility	The facility is subject to this regulation because the source is a Title V major source. This site operates under TV Permit number P264.
20.2.71 NMAC	Operating Permit Fees	Yes	Facility	This regulation establishes a schedule of operating permit emission fees. The facility is subject to 20.2.70 NMAC and in turn subject to 20.2.71 NMAC.
20.2.72 NMAC	Construction Permits	Yes	Facility	This regulation establishes the requirements for obtaining a construction permit. The facility is a stationary source that has potential emission rates greater than 10 pounds per hour or 25 tons per year of any regulated air contaminant for which there is a National or New Mexico Air Quality Standard. Therefore, this facility is subject to 20.2.72 NMAC and complies with NSR Permit 3662-M8-R5.
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	Facility	The facility is a Title V major source and must meet the requirements of 20.2.73.300 NMAC for emissions inventory reporting.
20.2.74 NMAC	Permits – Prevention of Significant Deterioration (PSD)	No	Facility	This regulation establishes requirements for obtaining a prevention of significant deterioration permit. This facility is a PSD minor source. Accordingly, this regulation does not apply.
20.2.75 NMAC	Construction Permit Fees	Yes	Facility	This regulation establishes a schedule of operating permit emission fees. This facility is subject to 20.2.72 NMAC and is in turn subject to 20.2.75 NMAC.
20.2.77 NMAC	New Source Performance	Yes	ECD-1, CRYO, MRU, CVRU- 1, FUG-1, FUG-2, FLARE, C-1000 to C-7000	This regulation establishes state authority to implement new source performance standards (NSPS) for stationary sources as amended in the Federal Register through September 23, 2013. This is a stationary source which is subject to the requirements of 40 CFR Part 60, Subparts A, KKK, and OOOO, therefore, 20.2.77 NMAC applies.
20.2.78 NMAC	Emission Standards for HAPS	No	N/A	This regulation establishes state authority to implement emission standards for hazardous air pollutants subject to 40 CFR Part 61. In the event of asbestos demolition, NESHAP M may apply, making 20.2.78 NMAC applicable.
20.2.79 NMAC	Permits – Nonattainment Areas	No	N/A	This regulation establishes the requirements for obtaining a nonattainment area permit. The facility is not located in a non-attainment area and therefore is not subject to this regulation.
20.2.80 NMAC	Stack Heights	No	N/A	This regulation establishes requirements for the evaluation of stack heights and other dispersion techniques. This regulation does not apply as all stacks at the facility follow good engineering practice

<u>STATE REGU- LATIONS</u> CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION: (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
20.2.82 NMAC	MACT Standards for source categories of HAPS	Yes	ECD-1, E-1000 to E-7000, E-VRU-1, DEHY-1, DEHY-2	This regulation applies to all sources emitting hazardous air pollutants, which are subject to the requirements of 40 CFR Part 63, as amended through August 29, 2013. The facility is an area source of HAPs with two applicable MACT standards (MACT HH and MACT ZZZZ).

Table for FEDERAL REGULATIONS:

<u>FEDERAL REGU- LATIONS</u> CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
40 CFR 50	NAAQS	Yes	Facility	This regulation defines national ambient air quality standards. The facility meets all applicable national ambient air quality standards for NO _x , CO, SO ₂ , H ₂ S, PM ₁₀ , and PM _{2.5} under this regulation.
NSPS 40 CFR 60, Subpart A	General Provisions	Yes	ECD-1, CRYO, MRU, FLARE, FUG-1, FUG-2, P24A, P24B, C-1000, To C-7000	This regulation defines general provisions for relevant standards that have been set under this part. The units listed are subject to or potentially subject to this regulation as they are subject to another rule under this part.
NSPS 40 CFR60.40a, Subpart Da	Subpart Da, Performance Standards for Electric Utility Steam Generating Units	No	N/A	This regulation establishes standards of performance for electric utility steam generating units. This regulation does not apply because the facility does not operate any electric utility steam generating units.
NSPS 40 CFR60.40b Subpart Db	Electric Utility Steam Generating Units	No	N/A	This regulation establishes standards of performance for industrial-commercial-institutional steam generating units. This regulation does not apply because the facility does not operate any industrial-commercial-institutional steam generating units.
40 CFR 60.40c, Subpart Dc	Standards of Performance for Small Industrial- Commercial- Institutional Steam Generating Units	No	N/A	Potentially subject units are the reboiler heaters and the mole sieve regen heater. However, these units have a heat input less than 10 MMBtu/hr and, therefore, are not subject to this regulation.

<u>FEDERAL REGU- LATIONS CITATION</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
NSPS 40 CFR 60, Subpart Ka	Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	No	N/A	This regulation establishes performance standards for storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. The tanks at the facility are three (3) 300-bbl (37,800 gallons). The capacities of the tanks at the facility are less than 40,000 gallons regulatory threshold, thus this regulation does not apply to these tanks. [40 CFR Part 60.110a(a)]
NSPS 40 CFR 60, Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	No	N/A	This regulation establishes performance standards for volatile organic liquid storage vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984. The tanks at the facility have a capacity of 300-bbl (12,600 gallons or 48 m ³) each. Because the capacity of each tank is less than 75 m ³ , this regulation does not apply. [60.110b(a)]
NSPS 40 CFR 60.330 Subpart GG	Stationary Gas Turbines	No	N/A	This regulation establishes standards of performance for stationary gas turbines with a heat input at a peak load equal to or greater than 10 MMBtu/hr based on the lower heating value of the fuel fired and have commenced construction, modification, or reconstruction after October 3, 1977. This regulation is not applicable as this facility does not have any stationary gas turbines.
NSPS 40 CFR 60, Subpart KKK	Leaks of VOC from Onshore Gas Plants	Yes	FUG-1, C-1000, C-2000, C-3000, C-4000, C-5000, C-6000, C-7000, C-VRU1	This regulation defines standards of performance for equipment leaks of VOC emissions from onshore natural gas processing plants for which construction, reconstruction, or modification commenced after January 20, 1984, and on or before August 23, 2011. The group of all equipment (each pump, pressure relief device, open-ended valve or line, valve, compressor, and flange or other connector that is in VOC service or in wet gas service, and any device or system required by this subpart) except compressors (defined in § 60.631) within a process unit is an affected facility. CRYO unit is subject to NSPS KKK. Units C-1000 through C-6000 are compressors in wet gas service and are subject to the provisions of this subpart.
NSPS 40 CFR Part 60 Subpart LLL	Standards of Performance for Onshore Natural Gas Processing: SO ₂ Emissions	No	N/A	This regulation establishes standards of performance for SO ₂ emissions from onshore natural gas processing for which construction, reconstruction, or modification of the amine sweetening unit commenced after January 20, 1984 and on or before August 23, 2011. This regulation does not apply as the facility does not process natural gas with a H ₂ S concentration greater than 4 ppmv.

<u>FEDERAL REGU- LATIONS CITATION</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
NSPS 40 CFR Part 60 Subpart OOOO	Standards of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution for which construction, modification or reconstruction commenced after August 23, 2011 and before September 18, 2015	Yes	P24A, P24B, C-1, MRU, FUG-2	This regulation establishes emission standards and compliance schedules for the control of volatile organic compounds (VOC) and sulfur dioxide (SO ₂) emissions from affected facilities that commence construction, modification or reconstruction after August 23, 2011. This facility is not located in the oil and natural gas production segment, as defined by this regulation. In addition, Units TK-1, TK-2 and TK-3 are not subject to NSPS Subpart OOOO because they commenced construction prior to August 23, 2011. Therefore, they are not subject to this regulation. Units P24A and P24B are centrifugal pumps that are a source of fugitive emissions and are subject to the requirements of NSPS OOOO. The fugitive equipment associated with unit MRU is expected to be monitored under this subpart. The site does not have reciprocating compressors that commenced construction, modification, or reconstruction after August 23, 2011.
NSPS 40 CFR Part 60 Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	No	N/A	No fugitive components are subject to this rule as the site did not have any construction, modifications, or reconstruction commence after September 18, 2015. The site does not have reciprocating compressors that commenced construction, modification, or reconstruction After September 18, 2015.
NSPS 40 CFR 60 Subpart IIII	Standards of performance for Stationary Compression Ignition Internal Combustion Engines	No	N/A	This facility does not operate any stationary compression ignition internal combustion engine, therefore it is not subject to this regulation.
NSPS 40 CFR Part 60 Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Yes	E-1000	This regulation establishes standards of performance for stationary spark ignition combustion engines. Engine E-1000 must comply with Subpart JJJJ requirements as it was manufactured after January 1, 2008 and constructed after June 12, 2006. All other engines onsite were manufactured prior to the applicability dates of Subpart JJJJ and are therefore not subject to this regulation.
NSPS 40 CFR 60 Subpart TTTT	Standards of Performance for Greenhouse Gas Emissions for Electric Generating Units	No	N/A	This facility does not operate electric generating units, therefore it is not subject to this regulation.
NSPS 40 CFR 60 Subpart UUUU	Emissions Guidelines for Greenhouse Gas Emissions and Compliance Times for Electric Utility Generating Units	No	N/A	This facility does not operate electric generating units, therefore it is not subject to this regulation.
NSPS 40 CFR 60, Subparts WWW, XXX, Cc, and Cf	Standards of performance for Municipal Solid Waste (MSW) Landfills	No	N/A	This facility is not a municipal solid waste landfill, therefore it is not subject to this regulation.

<u>FEDERAL REGU- LATIONS CITATION</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
NESHAP 40 CFR 61 Subpart A	General Provisions	No	N/A	There are no NESHAP-affected source types at this facility.
NESHAP 40 CFR 61 Subpart E	National Emission Standards for Mercury	No	N/A	This regulation establishes a national emission standard for mercury. The facility does not have stationary sources which process mercury ore to recover mercury, use mercury chlor-alkali cells to produce chlorine gas and alkali metal hydroxide, and incinerate or dry wastewater treatment plant sludge [40 CFR Part 61.50]. The facility is not subject to this regulation.
NESHAP 40 CFR 61 Subpart V	National Emission Standards for Equipment Leaks (Fugitive Emission Sources)	No	N/A	This regulation establishes national emission standards for equipment leaks (fugitive emission sources). The facility does not have equipment that operates in volatile hazardous air pollutant (VHAP) service [40 CFR Part 61.240]. The regulated activities subject to this regulation do not take place at this facility. The facility is not subject to this regulation.
MACT 40 CFR 63, Subpart A	General Provisions	Yes	E-1000 to E-7000, E-VRU-1, DEHY-1, DEHY-2	Applies if any other Subpart in 40 CFR 63 applies.
MACT 40 CFR 63.760 Subpart HH	Oil and Natural Gas Production Facilities	Yes	DEHY-1, DEHY-2	This regulation establishes national emission standards for hazardous air pollutants from oil and natural gas production facilities. Facility is an area source of HAPs. DEHY-1 and DEHY-2 have actual average benzene emissions less than 0.90 Mg/yr. Pursuant to 63.764(e), facility is exempt from standards of 63.764(c)(I) and (d) but has to maintain records required in 63.774(d)(1).
MACT 40 CFR 63 Subpart HHH	National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities	No	N/A	This regulation establishes national emission standards for hazardous air pollutants from natural gas transmission and storage facilities. The facility is not subject because it is not a natural gas transmission and storage facility.
MACT 40 CFR 63 Subpart DDDDD	National Emission Standards for Hazardous Air Pollutants for Major Industrial, Commercial, and Institutional Boilers & Process Heaters	No	N/A	This facility does not operate boilers or process heaters that meet the regulation definitions. Boilers and process heaters that use natural gas are exempted from complying with this regulation.
MACT 40 CFR 63 Subpart UUUUU	National Emission Standards for Hazardous Air Pollutants Coal & Oil Fire Electric Utility Steam Generating Unit	No	N/A	This facility does not operate a steam generating unit.
MACT 40 CFR 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE MACT)	Yes	E-1000 to E-7000, E-VRU-1	This regulation defines national emissions standards for HAPs for stationary reciprocating Internal Combustion Engines. Facilities are subject to this subpart if they own or operate a stationary RICE. Enterprise will comply with any applicable requirements.

<u>FEDERAL REGU- LATIONS CITATION</u>	Title	Applies? Enter Yes or No	Unit(s) or Facility	JUSTIFICATION:
40 CFR 64	Compliance Assurance Monitoring	No	DEHY-1 and DEHY-2	This regulation defines compliance assurance monitoring. Units DEHY-1 and DEHY-2 have pre-controlled emissions greater than 100 tpy. Therefore, the units meet the applicability criteria of 64.2(a)(3), so 40 CFR 64 does apply. CAM plans are included in TV Permit number P-264.
40 CFR 68	Chemical Accident Prevention	Yes	Facility	This facility has more than a threshold quantity of a regulated substance in a process, as determined under §68.115, and is therefore an affected source. To comply with this regulation, the facility operator maintains a current RMP
Title IV – Acid Rain 40 CFR 72	Acid Rain	No	N/A	This part establishes the acid rain program. This facility is not an acid rain source. This regulation does not apply.
Title IV – Acid Rain 40 CFR 73	Sulfur Dioxide Allowance Emissions	No	N/A	This regulation establishes sulfur dioxide allowance emissions for certain types of facilities. This facility is not an acid rain source. This regulation does not apply.
Title IV-Acid Rain 40 CFR 75	Continuous Emissions Monitoring	No	N/A	This facility does not generate commercial electric power or electric power for sale, therefore it is not subject to this regulation.
Title IV – Acid Rain 40 CFR 76	Acid Rain Nitrogen Oxides Emission Reduction Program	No	N/A	This regulation establishes an acid rain nitrogen oxides emission reduction program. This regulation applies to each coal-fired utility unit that is subject to an acid rain emissions limitation or reduction requirement for SO ₂ . This part does not apply because the facility does not operate any coal-fired units [40 CFR Part 76.1].
Title VI – 40 CFR 82	Protection of Stratospheric Ozone	No	N/A	Enterprise owns appliances containing CFCs and is therefore subject to this requirement. Enterprise uses only certified technicians for the maintenance, service, repair and disposal of appliances and maintains the appropriate records for this requirement.



December 16, 2021

Archrock AQT
Archrock
9807 Katy Frwy., Ste. 100
Houston, TX 77024

Archrock
9807 Katy Frwy., Ste. 100
Houston, Texas 77024 U.S.A.
Main 281.836.8000
www.archrock.com

Pedigree for Archrock Unit 72508: Engine Serial Number 9TG00122, Compressor Serial Number F11461

In order to better assist your company with its state and federal permitting needs, Archrock submits the following information in regards to the engine and compressor of the above-referenced compressor unit, which Archrock is currently utilizing to provide your company contract compression services. This letter should provide information necessary to answer questions pertaining to, but not limited to, the New Source Performance Standards (NSPS), Subpart JJJJ, Subpart OOOO, and Subpart OOOOa. This information is current as of December 16, 2021.

Engine Make:	CATERPILLAR	Compressor Make:	ARIEL
Engine Model:	G3508TALE	Compressor Model:	JGH2
Engine Serial Number:	9TG00122	Compressor Serial Number:	F11461
Engine Type:	4 Stroke LB	Compressor Type:	Reciprocating
Engine Category:	Existing	Compressor Category:	Existing
Engine Subcategory:	Non Certified	Compressor Stages:	2
Engine NSPS Status*:	Exempt	Compressor NSPS Status*:	Exempt
Engine Speed:	1200	Compressor Speed:	1200
OEM Rated Engine HP:	515	OEM Rated Compressor HP:	680
Engine Mfr. Date:	10/2/1996	Compressor Mfr. Date:	9/27/1996
Engine NSPS Justification*:	Overhauls since 6/12/06 have not triggered recon./modif.		
Compressor NSPS Justification*:	The mfr. date is before 8/23/2011 and recon./modif. have not been triggered.		
Customer:	ENTERPRISE PRODUCTS COMPANY		
Business Unit:	PERMIAN		
Archrock Unit Number:	72508		
Customer Lease Name:	CHAPPARAL OH COMPRESSOR		

Please contact AQT@archrock.com with any questions.

* The "Engine NSPS Status", "Compressor NSPS Status", "Engine Exemption Justification", and "Compressor Exemption Justification" entries herein are based on Archrock's present knowledge of the engine and compressor in question and its reading of U.S. EPA's regulations and guidance pursuant to 40 C.F.R. Part 60, Subpart JJJJ, Subpart OOOO, and Subpart OOOOa. Any change in law or in the federal, state, or local interpretation of existing law could result in this engine being subject to additional or different legal requirements. These conclusions are Archrock's and are not offered as legal opinions or advice to your company. Additionally, any reconstruction or modification respecting this engine or compressor (as those terms are defined in the applicable regulations) could result in the applicability of Subpart JJJJ, Subpart OOOO, Subpart OOOOa, or other legal requirements to this engine or compressor and create legal compliance responsibilities for your company.

ARIEL CORPORATION

ARIEL FRAME MODEL	5700
FRAME SERIAL NUMBER	30940
STROKE	4.50IN
FRAME RATED SPEED (RPM)	1500
MINIMUM SPEED (RPM)	750
MAXIMUM ROD LOAD TENSION	12000 LBS
MAXIMUM ROD LOAD COMPRESSION	60000 LBS
ARIEL SHIPPING DATE	SEP 2008
NORMAL LUBE OIL PRESSURE	60 PSI
MAXIMUM LUBE OIL TEMPERATURE	150F
LUBE OIL PRESSURE SHUTDOWN SETTING	35 PSI

MAXIMUM UNIT SPEED IS THE LOWER OF
FRAME OR CYLINDER RATED SPEED

CONSULT ARIEL TECHNICAL MANUAL BEFORE
OPERATING UNIT OR PERFORMING MAINTENANCE

Section 22: Certification

Company Name: Enterprise Field Services LLC

I, Rodney M. Sartor, hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this 19th day of May, 2022, upon my oath or affirmation, before a notary of the State of

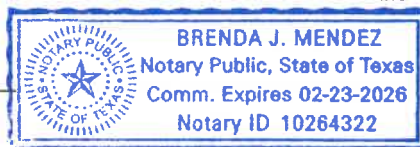
Texas.

*Signature

5/19/2022
DateRodney M. Sartor
Printed NameSenior Director
Title

Scribed and sworn before me on this 19th day of May, 2022

My authorization as a notary of the State of Texas expires on the

23rd day of February, 2026.Brenda J. Mendez
Notary's Signature5/19/2022
DateBrenda J. Mendez
Notary's Printed Name

*For Title V applications, the signature must be of the Responsible Official as defined in 20.2.70.7.AE NMAC.

HANOVER SEPARABLE PACKAGES INFORMATION WORKSHEET

DATE: 12-3-98

PKG. DESCRIPTION OR UNIT #: 72508		PKG MANUFACTURER: EES		DATE BUILT: 9-96			
STAGES: 2		SERVICE: CHEVRON		COMMENTS:			
OFFSHORE UNIT? YES/NO:							
DRIVER		MAKE: CAT		MODEL: 3508 SITA S/N: 9TG00057			
COMP. RATIO	8-1	COMMENTS:					
MIN RPM:		ARRANGEMENT # 4P-8327					
MAX RPM:	1200						
OEM HP@MAX RPM:	384	10,688 Hours on Engine					
FRAME		MAKE: ARIEL		MODEL: J6H-2 S/N: F-11461			
MAX RPM:	1200	COMMENTS:					
THROWS:	2						
STROKE:	4 1/2						
ROD DIA:							
TOTAL ROD LOAD:	48000	TENSION:		COMPRESSION:			
CYLINDER(S) MANUFACTURER:							
MAKE	MODEL	STAGE	BORE	STROKE	VVCF (Y/N)	MAWP	SERIAL NUMBER
ARIEL	E	2	6	4 1/2		1270	C-33464
ARIEL	E	1	9 1/4	4 1/2		635	C-32309
SCRUBBER(S) MANUFACTURER:							
SERVICE	DIAMETER x LENGTH (INCHES)		CODED (Y/N)		MAWP	SERIAL NUMBER	
INLET	20" X 7 Foot				635	96232-A	
INTERSTAGE	16" X 7 Foot				635	96233-A	
HEAT EXCHANGER MAKE: GEA Rainey Co. MODEL: J108-1490 S/N: N/A							
TUBE SECTION(S) SERVICE	MAWP	SERIAL NUMBER	LOUVERS (Y/N)	COMMENTS			
ENGINE Coolant	150	T0729-10-1	N				
Inter stage Gas	645	T0729-18-1	Y				
Discharge Gas	1292	T0729-1A-1	Y				
SHIPPING DOES COOLER SHIP ON SKID? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>							
SKID - WEIGHT (lb.)	80000	LENGTH (ft.)	27'	WIDTH (ft.)	12'	HEIGHT (ft.)	12'
COOLER - WEIGHT (lb.)	15000	LENGTH (ft.)	14'	WIDTH (ft.)	8'	HEIGHT (ft.)	15'
FLANGE SIZE:	SUCTION: 6" 300#	DISCHARGE: 4" 600#					
LOCATION OF UNIT:	STATE: TX	COUNTY:	ZAPATA	LEASE NAME:	RATHMELL		
CONDITION OF MACHINE (1-5):	5	COMMENTS:		Alexander			

PREPARED BY: Phillip Kruegar

Buyer: Valarie Cross
Ph: 713-381-2403
Fax: 713-803-2952
E-Mail: VCross@epco.com

Purchase Order

ViewPrint

Order: O194668

Order Date: 04/16/2010

Revision Date: 04/16/2010

Supplier: 760203321

Due Date: 04/16/2010

To ENERFLEX ENERGY SYSTEMS INC ("Vendor")
10815 TELGE RD
HOUSTON, TX. 77095

Bill to:

BILLING INSTRUCTIONS ("Buyer")
AS NOTED BELOW
BILLING INSTRUCTIONS, .

Attn: DARWIN SHAW

Phone: 281-345-9300

Fax: 281-345-7512

Ship To:

SEE COMMENTS BELOW
N/A, N/A. N/A

Delivery Instructions: SHIPPING EX WORKS VIA C.H. ROBINSON.

*****Please acknowledge receipt of this purchase order by return email to the attention of the sender*****

Freight Desc **Carrier Name** **Pay Terms**
Ex Works C.H.Robin NET 30

Line No	Part No	Part Description	Uom	Qty Ordered	Order Price	Line Total
---------	---------	------------------	-----	-------------	-------------	------------

1	CI317990	Compressor: Caterpillar G3516TALE-Ariel JGT/4-1 Stage compressor package as per Enerflex/Toromont quotation Q290391 dated 12-16-09.	EACH	777,695	1.00	777,695.00
---	----------	----------------------------------------------------------------------------------------------------------------------------------------	------	---------	------	------------

Proj No	Demand Id	GI Number	Percentage
P16454912		00412.22001.00000.00000.00000.00000	100

Order Total : 777,695.00

Purchase Order: O194668

REQ.: 10-6352

APPROVED BY: KEVIN RAMSEY

AFE#P16454-912

PROJECT: ENCINAL PILONCILLO COMPRESSOR - DEHY ADDITION

LOCATION: ENCINAL, TEXAS

CONTACTS: TECHNICAL: DICK MOCZYGEMBA, PROJECT MANAGER -- PH: 210-528-4456 CELL: 210-232-7350 E-MAIL: DMOCZYGEMBA@EPROD.COM
COMMERICAL: VALARIE CROSS - PH: 713-381-2403 E-MAIL: VCROSS@EPROD.COM
SUPPLIER: DARWIN SHAW - PH: 281-345-5083 E-MAIL: DSHAW@ENTERFLEX.COM

COMMUNICATION INSTRUCTIONS: PLEASE REFERENCE PO NO. AND AFE NO. ON ALL CORRESPONDENCE AND INVOICES.

TRANSPORTATION INSTRUCTIONS:

(1) PLEASE CONTACT CHROBINSON, EPCO'S TRANSPORTATION PARTNER WHEN READY

CONTACTS: CHRISTIAN, RYAN, OR ANDREW - PH: 866.574.2228 E-MAIL: ENTERPRISEPRODUCTS@EPCO.COM

(2) TAG ALL MATERIAL: ENTERPRISE AFE # P16454-920

SHIP TO LOCATION:

ENTERPRISE PRODUCTS

ENCINAL FACILITY

326 MARTINENA ROAD

ENCINAL, TEXAS 78019

ATTN: RICKY SALINAS - PH: 210-528-4955

CELL: 956-286-4017

BILL TO:

ENTERPRISE PRODUCTS

10647 GULF DALE

SAN ANTONIO, TX 78216-3620

ATTN: DICK MOCZYGEMBA

TERMS AND CONDITIONS PER MSA 5208 DATED 9/20/2007 AND ALL SUBSEQUENT ADDENDUMS, BETWEEN TOROMONT ENERGY SYSTEMS AND EPCO HOLDINGS SHALL PREVAIL,

Rudy Morris

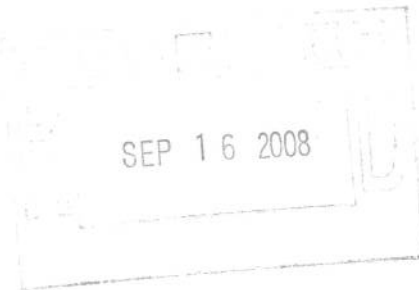
From: Gary Jones
Sent: Thursday, September 11, 2008 3:06 PM
To: Rudy Morris
Subject: RE: Ariel- F30960

L1593 – 23280

Best Regards,
Gary L. Jones

Toromont Energy Systems Inc
10815 Telge Rd.
Houston, TX. 77095

Phone: (281)345-5098
Fax: (281)345-7434
Cell: (832)630-0446



From: Rudy Morris
Sent: Wednesday, September 10, 2008 10:18 AM
To: Gary Jones
Cc: Robb L. Miller; Heather Hanus; Bob Marino
Subject: Ariel- F30960

Gary, Received 9 JGT/4. F30960. 0025110. 47939. P.O. Verbal. Please provide P.O. number and job number. Thanks, Rudy.

R. MORRIS
9/15/08
YARD

9/15/2008

THE SHIPPING ORDER

must be legibly filed in, in indelible Pencil, or in
Carbon, and retained by the agent.SHIPPERS NO. 0025110
UNIT NO.: F30960

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

A1 MOUNT VERNON, OHIO 43050

DATE: 9/06/08


FROM: ARIEL CORPORATION (740) 397-0311

the property described below, in apparent good order, except as noted (contents and conditions of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier is being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place at said destination, if on its route, otherwise to deliver to another destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions, not prohibited by law whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNEE TO: TOROMONT PROCESS SYSTEMS, INC US-(281) 345-9300
DESTINATION: HOUSTON TEXAS USA 77095
DELIVERY ADDRESS: 10815 TELGE ROAD
DELIVERING CARRIER: ADMIRAL MERCHANTS
LOADED BY: _____

Order Number: 47939

P.O.: VERBAL

NO. PKGS	KIND OF PACKAGE, DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS.	*WEIGHT(SUB TO COR)	CLASS OR RATE	CHECK COL.	Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful
1	JGT/4 With standard equipment S/N F30960 ✓ 6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103904 ✓ Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68850 ✓ 6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103905 ✓ Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68851 ✓ 6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103906 ✓ Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68852 ✓ 6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103907 ✓ Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68853 1 Box containing Ariel tool kit 1 Box containing Ariel breather and filter 1 Box containing Ariel lube oil cooler 1 Box containing Ariel tool kit for 46039 1 Box containing Ariel breather and filter for 46039 1 Box containing ariel lube oil cooler for 46039	13,700#			Per  (Signature of consignee)
					If charges are to be prepaid, write or stamp here. COLLECT
					Received \$
					to apply in prepayment of the charges on the property described hereon.
					Agent or Cashier
7	TOTAL	13,700#			Per

FREIGHT MUST BE TARPED OR SHRINK WRAPPED

*If this shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shippers weight." NOTE-- Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding.

per

(The signature here acknowledge only the amount prepaid)

CHARGES ADVANCED \$

35 BLACKJACK ROAD 43050

Shipper per:

Agent, per

Permanent post-office address of shipper

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)



PACKING SLIP

Order Number . . . : 47939
 Order Date . . . : 4/25/08
 P.O Number . . . : VERBAL
 Purchaser . . . : GARY JONES
 Shipping Document : 0025110
 Shipping Method . : INWAY FREIGHT
 Freight Charges . : COLLECT
 Terms of Payment : NET DUE 30 DAYS

Order Entry /
 Account Manager : Shawn McDonald
 E-Mail : smcdonald@ARIELcorp.com
 Group E-Mail . : orderentry@ARIELcorp.com
 USA/Canada . . : (888) 397-7766
 International . : (740) 397-3602
 Fax : (740) 397-6450

Bill To: TOROMONT PROCESS SYSTEMS
 10815 TELGE ROAD
 HOUSTON TX

77095

Ship To: TOROMONT PROCESS SYSTEMS, INC
 10815 TELGE ROAD

HOUSTON TEXAS USA
 77095

DESCRIPTION	ORDERED QTY	SHIPPED QTY	SHIPPED DATE	THIS SHIPMENT	OPEN QTY
JGT/4 With standard equipment S/N F30960	1	1	9/06/08	1	0
Main bearing temp device:Type K thermocouple	1	1	9/06/08	1	0
Lube oil thermostatic valve:Mounted	1	1	9/06/08	1	0
Lubricator no flow indicator:Proflo electric	1	1	9/06/08	1	0
Lube oil cooler:B-2073, unmounted	1	1	9/06/08	1	0
Guide type:ET guide	1	1	9/06/08	1	0
Guide type:ET guide	1	1	9/06/08	1	0
Guide type:ET guide	1	1	9/06/08	1	0
Guide type:ET guide	1	1	9/06/08	1	0
6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103904	1	1	9/06/08	1	0
Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68850	1	1	9/06/08	1	0
6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103905	1	1	9/06/08	1	0
Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68851	1	1	9/06/08	1	0
6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103906	1	1	9/06/08	1	0
Variable Volume Pocket for 6-3/8ET 6.000 in.	1	1	9/06/08	1	0



PACKING SLIP ORDER # 47939

DESCRIPTION	ORDERED QTY	SHIPPED QTY	SHIPPED DATE	THIS SHIPMENT	OPEN QTY
bore S/N U68852					
6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103907	1	1	9/06/08	1	0
Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68853	1	1	9/06/08	1	0

DELIVERY AND DETENTION RECORD

ADMIRAL-MERCHANTS MOTOR FREIGHT, INC.

215 SOUTH 11TH STREET, MINNEAPOLIS, MN 55403 PHONE (800) 972-8864

TRIP NO. 5512878

PRO NO.

SHIPPER'S NO. _____

SHIPPING DATE _____, 20____

SHIPPER Diehl CorpCONSIGNEE Townmont Process SystemsADDRESS 35 Blackjack RdADDRESS 10815 Telge RdORIGIN Mount Vernon OHDESTINATION Houston TX

NO. PKGS.	DESCRIPTION OF ARTICLES	WEIGHT (SUB. TO CORR.)	TIME RECORD	LOADING	UNLOADING
			DATE		
①	IGT. 4 S/N F 30960	13,700	PREARRANGED TIME		
			ARRIVED AT PLANT		
			LOADING OR UNLOADING COMPLETED		
			RELEASED FROM PLANT		
			LUNCH IN PLANT		
			DRIVER MUST INDICATE A.M. OR P.M.		

9-10-08

REC'D. BY

Jane Ray

PER

NAME OF COMPANY

DRIVER

YELLOW COPY - CUSTOMER

PINK COPY - DRIVER

THE SHIPPING ORDER

must be legibly filed in, in indelible Pencil, or in
Carbon, and retained by the agent.

SHIPPERS NO. 0025110

UNIT NO.: F30960

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

AT MOUNT VERNON, OHIO 43050

DATE: 9/06/08

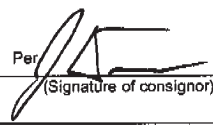
FROM: ARIEL CORPORATION (740) 397-0311

the property described below, in apparent good order, except as noted (contents and conditions of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier is being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place at said destination, if on its route, otherwise to deliver to another destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions, not prohibited by law whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNEE TO: TOROMONT PROCESS SYSTEMS, INC US- (281) 345-9300
 DESTINATION: HOUSTON TEXAS USA 77095
 DELIVERY ADDRESS: 10815 TELGE ROAD
 DELIVERING CARRIER: ADMIRAL MERCHANTS
 LOADED BY: Jana

Order Number: 47939

P.O.: VERBAL

NO. PKGS	KIND OF PACKAGE, DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS.	*WEIGHT (SUB TO CAR)	CLASS OR RATE	CHECK COL.	Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful
1	JGT/4 With standard equipment S/N F30960 6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103904 Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68850 6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103905 Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68851 6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103906 Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68852 6-3/8ET 6.000 in. bore With standard equipment 1650 psig MAWP, 4"- 900 FF flange S/N pment C103907 Variable Volume Pocket for 6-3/8ET 6.000 in. bore S/N U68853	13,700#			Per  (Signature of consignor)
					If charges are to be prepaid, write or stamp here. COLLECT
					Received \$
					to apply in prepayment of the charges on the property described hereon.
					Agent or Cashier
					Per
7	TOTAL	13,700#			
	FREIGHT MUST BE TARPED OR SHRINK WRAPPED				

*If this shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shippers weight." NOTE-- Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding.

per

(The signature here acknowledge only the amount prepaid)

CHARGES ADVANCED \$

35 BLACKJACK ROAD 43050

Shipper per:

Agent, per

Permanent post-office address of shipper

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)