



710
7/30/01

July 27, 2001

Mr. Robert Kriegel
Permitting Environmental Manager
Florida Department of Environmental Protection
160 Governmental Center
Pensacola, Florida 32501-5794

**Subject: Certification Report for Tank 66 Compliance Status with 40 CFR 60 Kb –
Chevron Products Company’s Panama City, Florida Terminal (Facility ID
0050056)**

Dear Mr. Kriegel:

Please find below the revised table showing the compliance status of Tank 66 with requirements of 40 CFR 60 Subpart Kb. The original table was included in the cover letter for Chevron Products Company’s (Chevron) Application to Renew an Air Operating Permit submitted on July 17, 2001. This revised table includes Chevron’s planned compliance status with recordkeeping, reporting, and monitoring requirements as required by 40 CFR 60.113b – 116b.

Please also incorporate with this letter, the Professional Engineer Certification forms that were previously submitted with Chevron’s Application to Revise an Air Operating Permit. This application was submitted June 22, 2001 and withdrawn from submittal July 18, 2001.

Lastly, Paul Luper’s title is Area Manager.

**Table 1. Compliance Status of Panama City Terminal Tank 66 with
Requirements of Rule 40 CFR 60 Subpart Kb**

Rule Citation – 40 CFR 60	Requirement	In Compliance? (Yes, No, Not Applicable)
112b(a)(1)(i)	The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof.	Yes
	The internal floating roof shall float on the liquid surface at all times, except during initial fill and during those intervals with the tank is completely emptied of subsequently emptied and filled.	Yes
112b(a)(1)(ii)(C)	The internal floating roof shall be equipped with a mechanical shoe seal.	Yes

URS Corporation
235 Peachtree Street, NE
North Tower, Suite 2000
Atlanta, GA 30303
Tel: 404.888.8800
Fax: 404.577.5120

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Table 1. Compliance Status of Panama City Terminal Tank 66 with Requirements of Rule 40 CFR 60 Subpart Kb

Rule Citation – 40 CFR 60	Requirement	In Compliance? (Yes, No, Not Applicable)
112b(a)(1)(iii)	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.	N/A – Roof is in Contact
112b(a)(1)(iv)	Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position (i.e., no visible gap) at all times except when in use.	Yes
	The cover or lid shall be equipped with a gasket.	Yes
	Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.	Yes
112b(a)(1)(v)	Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.	Yes
112b(a)(1)(vi)	Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer’s recommended setting.	Yes
112b(a)(1)(vii)	Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90% of the opening.	Yes
112b(a)(1)(viii)	Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or gasketed sliding cover.	Yes
112b(a)(1)(ix)	Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.	Yes
113b(a)(1)	After installation of the internal floating roof, was the internal floating roof and seals inspected prior to filling of the vessel?	Yes
	If holes, tears, or openings were found during the inspection, were these openings repaired before filling of the vessel?	Yes
113b(a)(2)	Will the roof and seals be visually inspected at least once every 12 months after the initial filling?	Yes
	Will any necessary repairs be made, if possible, within 45 days?	Yes
113b(a)(4)	Will the roof, seals, gaskets, slotted membranes, and sleeve seals be visually inspected each time the tank is emptied and degassed or at least once every 10 years?	Yes
	Will any repairs to the roof, seals, gaskets, and membranes be made before the tank is refilled?	Yes
113b(a)(5)	Will Chevron notify FDEP 30 days prior to the refilling of the tank for which an inspection is required per 113b(a)(4)?	Yes
115b(a)(1)	Submit to the FDEP a report that describes the control equipment and certifies that the control equipment meets the specifications of this subpart.	Yes, this letter is intended to satisfy this requirement.

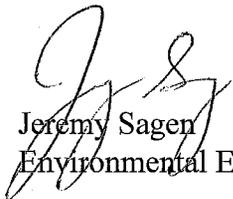


Table 1. Compliance Status of Panama City Terminal Tank 66 with Requirements of Rule 40 CFR 60 Subpart Kb

Rule Citation – 40 CFR 60	Requirement	In Compliance? (Yes, No, Not Applicable)
115b(a)(2)	Will records be kept of roof and seal inspections performed prior to initial filling, once every 12 months after the initial filling, and every time prior to the tank being refilled?	Yes
115b(a)(3)	Will Chevron submit reports to FDEP of any repairs made to the tank as a result of the inspections in 113b(a)(2) and 113b(a)(4)?	Yes
116b(a)	Will all records be kept for at least two years?	Yes
116b(b)	Will records be kept of the tank's dimensions and capacity?	Yes
116b(c)	Will records be kept of the liquid stored in the tank, the period of storage and the maximum true vapor pressure of the liquid?	Yes

If you have any questions, please contact me at (404) 478-8710.

Sincerely,



Jeremy Sagen
Environmental Engineer

cc: Terry Franklin, Chevron Products Company
Louis Milkint, Chevron Products Company

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein , that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [X], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

m / Stephens

Signature

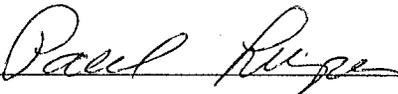
6/15/01

Date

(seal)

* Attach any exception to certification statement.

Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative: Paul Luper
2. Owner/Authorized Representative Mailing Address: Organization/Firm: Chevron Products Company Street Address: P.O. Box 1706 City: Atlanta State: GA Zip Code: 30301
3. Owner/Authorized Representative Telephone Numbers: Telephone: (770) 984- 3036 Fax: (770) 984 - 3102
4. Owner/Authorized Representative Statement: <i>I, the undersigned, am the owner or authorized representative* of the facility addressed in this application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  Signature  Date

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: Michael Stieferman Registration Number: 0032257
2. Professional Engineer Mailing Address: Organization/Firm: URS Corporation Street Address: 5900 Windward Parkway, Suite 400 City: Alpharetta State: GA Zip Code: 30005
3. Professional Engineer Telephone Numbers: Telephone: (678) 356- 8300 Fax: (678) 356 - 8397



July 18, 2001

Ms. Sandra Veazey
Air Program Administrator
Florida Department of Environmental Protection
160 Governmental Center
Pensacola, Florida 32501-5794

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JUL 20 2001
NORTHWEST FLORIDA
DEP

Subject: Non-Title V Air Operating Permit Renewal Application for Chevron Products Company's Panama City, Florida Terminal (Facility ID 0050056)

Dear Ms. Veazey:

Enclosed please find three (3) copies of the Air Operating Permit Renewal Application for Chevron Products Company's Panama City terminal (Chevron). This application constitutes Chevron's request to renew its existing air operating permit (Permit No. 0050056-002-AF) which expires September 23, 2001. Per Florida Administrative Code (FAC) 62-4.090(1), applications for renewal of an air operating permit shall be made sixty days prior to the expiration of the air operating permit.

Terminal Throughput Limits

In this application, Chevron has included increased throughput limits for the Loading Rack (Emission Unit ID 001) as listed below:

- 96,000 gallons/hour total product;
- 325.76 million gallons/year gasoline and aviation gasoline; and
- 57.49 million gallons/year diesel and jet A.

These new throughput limits are included in the draft construction permit 0050056-005-AC. The public notice for this construction permit was published on July 2, 2001 which places the end of the 14-day period for submittal of any public comments on July 16, 2001. Assuming there are no adverse public comments and that the Florida Department of Environmental Protection (FDEP) requires no further data for the construction permit, Chevron requests that the new throughput limits referenced in the construction permit be included in the renewed air operating permit.

Renewal Application Fee

Chevron has determined that the application fee for this submittal is \$6,750. The enclosed check is written for a total of \$5,250. In a letter dated July 17, 2001, Chevron requested the withdrawal of the Application to Revise an Air Operating Permit to include Tanks 22, 23, and 66. Chevron also

requested that the fee for this application (\$1,500) be applied to the air operating permit renewal application. The sum of these combined checks (\$5,250 and \$1,500) equals \$6,750.

Status of Tank 66 with Requirements of 40 CFR 60 Subpart Kb

In a letter dated April 17, 2001, FDEP also requested a review of the compliance status of Tank 66 with each of the applicable provisions of 40 CFR 60 Subpart Kb. This review was is provided in the table below.

Table 1. Compliance Status of Panama City Terminal Tank 66 with Requirements of Rule 40 CFR 60 Subpart Kb

Rule Citation – 40 CFR 60	Requirement	In Compliance? (Yes, No, Not Applicable)
112b(a)(1)(i)	The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof.	Yes
	The internal floating roof shall float on the liquid surface at all times, except during initial fill and during those intervals with the tank is completely emptied of subsequently emptied and filled.	Yes
112b(a)(1)(ii)(C)	The internal floating roof shall be equipped with a mechanical shoe seal.	Yes
112b(a)(1)(iii)	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.	N/A – Roof is in Contact
112b(a)(1)(iv)	Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position (i.e., no visible gap) at all times except when in use.	Yes
	The cover or lid shall be equipped with a gasket.	Yes
	Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.	Yes
112b(a)(1)(v)	Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.	Yes
112b(a)(1)(vi)	Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.	Yes
112b(a)(1)(vii)	Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90% of the opening.	Yes
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Rule Citation – 40 CFR 60	Requirement	In Compliance? (Yes, No, Not Applicable)
112b(a)(1)(ix)	Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.	Yes
113b(a)(1)	After installation of the internal floating roof, was the internal floating roof and seals inspected prior to filling of the vessel?	Yes
	If holes, tears, or openings were found during the inspection, were these openings repaired before filling of the vessel?	Yes

If you have any questions with the material in this submittal, please contact me at (850) 785-7426 ^{ext 29.}

Sincerely,



Terry Franklin
Terminal Manager

cc: Bob Kriegel, FDEP
Louis Milkint, Chevron Products Company

Enclosures: Application forms (3 copies)
Authorized Official Signature form (3 copies)
Application fee check

ARMS Facility

POINT AIRS ID 0050056 STATUS A OFFICE HWDP HW Br: PANAMA CITY

SITE NAME CHEVRON PRODUCTS COMPANY COUNTY BAY

OWNER/COMP CHEVRON PRODUCTS COMPANY

Project

AIR Permit # Project # 007 CRA Reference # 98824

Permit Office HWDP (DISTRICT) Agency Action Pending

Project Name Desc Chevron Panama City Terminal renewal

Type/Sub/Req AO / 00 Multiple Sources per Application Logged 20-JUL-2001

Received 20-JUL-2001 Issued Expires OGC

Fee 5250.00 Fee Recd 5250.00 Date Override MULTIPLE SOURCE

Related Party

Role APPLICANT Begin 20-JUL-2001 End

Name LUPER, PAUL Company CHEVRON USA PRODUCTS CO

Addr CHEVRON USA PRODUCTS CO., P.O. BOX 1706

City ATLANTA State GA Zip 30301 Country U.S.A.

Phone 770-984-3036 Fax 770-984-3102

Processors

Processor KRIEGEL_R Y Active 20-JUL-2001 Inactive Events

AREA: NWD _____

Cash Receiving Application
Collection Point Log Remittance

CRAF006A

Tot: _____ \$5,250.00

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+-----+
| SYS$REMT: 442029 Type: C Recvd Date: 20-JUL-2001 Status: RECEIVED |
| SYS$RCPT: 358218 PNR: _____ Check #: 22177057 Amount: _____ 5,250.00 |
| SSN/FEI#: _____ Name: CHEVRON PRODUCTS_CO _____ |
| First: _____ Middle: _____ Title: _____ Suf: _____ |
| Address1: P_O_BOX_9034 _____ Short Comments: _____ |
| Address2: _____ 0050056007 - MBC _____ |
| City: CONCORD _____ ST: CA Zip: 95424- _____ Country: _____ |
+-----+

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> P A Y M E N T (S) <

Distr	CL	Object	Payment	Reference#	Applic/ Fund	S T A CO
SYS\$PAYT	Area..	Code/Description.....	Amount.....			
470085	NWD	002223 AIR_OPERATE	\$5,250.00	0050056007	ARM PFTF	CO
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

COMMIT FREQUENTLY _____ \$5,250.00 Payment total

Press <TAB> to accept Collection Point or enter F&A. _____

Count: *0

<Replace>



July 18, 2001

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**NORTHWEST FLORIDA
DEP**

Ms. Sandra Veazey
Air Program Administrator
Florida Department of Environmental Protection
160 Governmental Center
Pensacola, Florida 32501-5794

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Rule Citation – 40 CFR 60	Requirement	In Compliance? (Yes, No, Not Applicable)
112b(a)(1)(ix)	Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.	Yes
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	If holes, tears, or openings were found during the inspection, were these openings repaired before filling of the vessel?	Yes

If you have any questions with the material in this submittal, please contact me at (850) 785-7426.

Sincerely,



Terry Franklin
Terminal Manager

cc: Bob Kriegel, FDEP
Louis Milkint, Chevron Products Company

Enclosures: Application forms (3 copies)
Authorized Official Signature form (3 copies)
Application fee check

**APPLICATION FOR NON-TITLE V
AIR PERMIT RENEWAL
CHEVRON PRODUCTS COMPANY
PANAMA CITY TERMINAL**

URS Corporation
235 Peachtree Street, N.E.
North Tower, Suite 2000
Atlanta, Georgia 30303-1405

July 2001

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**NORTHWEST FLORIDA
DEP**

INTRODUCTION

NON-TITLE V PERMIT RENEWAL FOR CHEVRON PRODUCTS COMPANY PANAMA CITY, FLORIDA TERMINAL

Chevron Products Company (Chevron) operates a bulk petroleum products distribution terminal in Panama City, Bay County, Florida. The facility receives a variety of refined bulk petroleum products by barge, stores those products in a variety of fixed and floating roof storage tanks, and distributes these products by tank truck (Standard Industrial Classification [SIC] Code 5171). This facility does not distribute petroleum products via marine vessel.

This application constitutes Chevron's request to renew its existing air operating permit (Permit No. 0050056-002-AF) which expires September 23, 2001. Per Florida Administrative Code (FAC) 62-4.090(1), applications for renewal of an air operating permit shall be made sixty days prior to the expiration of the air operating permit. Following this page are an Emissions Unit Summary Table and Florida Department of Environmental Protection application forms.

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DEP**

**Table 1. Chevron Panama City Terminal
Facility Emission Unit Summary Table**

Group ID	Source ID	Tank Description	Vapor Pressure of Liquid Stored	
			> 1.5 psia	≤ 1.5 psia
VCU	001	Vapor Combustion Unit (Controls emissions from loading rack)	N/A	N/A
Tank 01	002	Internal Floating Roof Storage Tank (1,932,000 gal)	✓	
Tank 67	002	Internal Floating Roof Storage Tank (699,552 gal)	✓	
Tank 78	002	Internal Floating Roof Storage Tank (1,053,990 gal)	✓	
Tank 84	002	External Floating Roof (Domed) (1,103,940)	✓	
Tank 25	003	Fixed Roof Storage Tank (852,222 gal)		✓
Tank 62	003	Fixed Roof Storage Tank (211,492 gal)		✓
Tank 63	003	Fixed Roof Storage Tank (211,492 gal)		✓
Tank 17	004	Fixed Roof Storage Tank (5,838 gal)		✓
Tank 18	004	Fixed Roof Storage Tank (4,000 gal)		✓
Tank 20	004	Fixed Roof Storage Tank (250 gal)	See Note a	See Note a
Tank 21	004	Fixed Roof Storage Tank (5,800 gal)		✓
Tank 22	004	Fixed Roof Storage Tank (8,148 gal)		✓
Tank 23	004	Fixed Roof Storage Tank (3,906 gal)		✓
Tank 96 ^b	004	Fixed Roof Storage Tank (11,550 gal)	✓	
OWS #1	005	Oil/Water Separator	See Note c	See Note c
PT #1 ^d	005	Underground Process Tank for PCW (12,000 gal)	See Note c	See Note c
PT #2 ^d	005	Underground Process Tank for PCW (126 gal)	See Note c	See Note c
Tank 2	005	Fire Protection Water	N/A	N/A
Tank Ev.	005	Water Evaporation Tank ^e	N/A	N/A
FI/V/Pu	006	Flanges/valves/pumps	✓	
Truck	006	Tank Truck Loading	N/A	N/A
Tank 66	007	Internal Floating Roof Storage Tank (703,374 gal)	✓	
Tank 14	008	Fixed Roof Storage Tank (12,000 gal)		✓

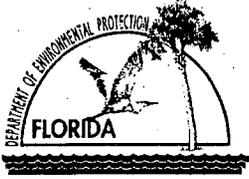
a. This is the Flare Drop-out Tank. This tank is currently dry.

b. Tank 96 contains slop which may consist of any mixture of products stored at this facility (i.e., gasoline, diesel, water, etc.).

c. These storage and process tanks contain petroleum contaminated water (PCW). PCW contains water and a mixture of any of the products stored at this facility.

d. These units are process tanks (PT). PT #1 collects PCW from the loading rack and storage tank areas before sending the PCW to OWS #1. PT #2 collects PCW from the Dock Drain before sending the PCW to OWS #1.

e. This tank stores "clean" water that is evaporated to the atmosphere.



Department of Environmental Protection

Division of Air Resources Management

APPLICATION FOR NON-TITLE V AIR PERMIT RENEWAL

See Instructions for Form No. 62-210.900(4)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Chevron Products Company	
2. Site Name:	Panama City Terminal
3. Facility Identification Number: 0050056	4. Facility Status Code: A

Application Contact

1. Name and Title of Application Contact: Louis Milkint
2. Application Contact Mailing Address: <div style="display: flex; justify-content: space-between; margin-left: 40px;"> Organization/Firm: Chevron Products Company </div> <div style="display: flex; justify-content: space-between; margin-left: 40px;"> Street Address: 2300 Windy Ridge Parkway, Suite 800 South </div> <div style="display: flex; justify-content: space-between; margin-left: 40px;"> City: Atlanta State: GA Zip Code: 30339-5673 </div>
3. Application Contact Telephone Numbers: Telephone: (770) 984 - 3016 Fax: (770) 984 - 3033

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
001	Loading Rack and Vapor Combustion Unit	AF2A	\$1,500
002	High Volatility VOL (gasoline and aviation gasoline) Storage Tanks not Subject to NSPS	AF2C	\$750
003	Low Volatility VOC (diesel and Jet A fuel) Storage Tanks	AF2C	\$750
004	Additive, Slop, and Flare Drop Out Storage Tanks	AF2C	\$750
005	Process Storage Tanks	AF2C	\$750
006	Fugitive Emissions	AF2C	\$750
007	High Volatility VOL Storage Tanks Subject to NSPS	AF2C	\$750
008	Other VOL Storage Tanks Subject to NSPS	AF2C	\$750

Application Processing Fee

Check one: [] Attached - Amount: \$ 6,750 [] Not Applicable

Application Comment

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Tank Truck Loading Rack (with 2 loading lanes) and an associated Vapor Combustion Unit	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: N/A
4. Control Equipment Method/Description (limit to 200 characters per device or method): VOC emissions from this emissions unit group are controlled by a flare (vapor combustion unit – VCU).	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: See Comments on Next Page	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr tons/day
3. Maximum Process or Throughput Rate: 96,000 gallons total product/hr; 325,760,000 gallons/yr of high volatile product (gasoline and aviation gas); 57,490,000 gallons/yr of low volatile product (diesel and Jet A).	
4. Maximum Production Rate: N/A	
5. Requested Maximum Operating Schedule:	
hours/day 24	days/week 7
weeks/year 52	hours/year 8,760

Emissions Unit ID 001

Emissions Unit Supplemental Requirements

1. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
2. Compliance Test Report <input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment D</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Previously submitted, Date: _____
3. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
4. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
5. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Emissions Unit Comment

The maximum design inlet gas velocity to the VCU is 24.9 ft/s. The maximum design gas flow into the VCU is 855 scfm. The minimum Btu content of inlet gas per Chevron's current operating permit is 300 Btu/scf.

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): High Volatility Storage Tanks not Subject to NSPS. 002 includes a collectively regulated group of storage tanks (Tank Nos. 01, 67, 78 and 84). These tanks have a storage capacity > 42,000 gallons and store products with a vapor pressure > 1.5 psia.	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: N/A
4. Control Equipment Method/Description (limit to 200 characters per device or method): Tanks 01, 67, and 78 have internal floating roofs. Tank 84 has an external floating roof with a geodesic dome cover.	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr tons/day
3. Maximum Process or Throughput Rate: N/A	
4. Maximum Production Rate: N/A	
5. Requested Maximum Operating Schedule:	
hours/day 24	days/week 7
weeks/year 52	hours/year 8,760

Emissions Unit ID 00z

Emissions Unit Supplemental Requirements

1. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Previously submitted, Date: _____
3. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
4. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
5. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Emissions Unit Comment

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Low Volatility Tanks not Subject to NSPS. 003 consists of a collectively regulated group of storage tanks (Tank Nos. 25, 62 and 63). These tanks are fixed roof storage tanks storing a product with a true vapor pressure < 1.5 psia.	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: N/A
4. Control Equipment Method/Description (limit to 200 characters per device or method): N/A	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr tons/day
3. Maximum Process or Throughput Rate: N/A	
4. Maximum Production Rate: N/A	
5. Requested Maximum Operating Schedule:	
hours/day 24	days/week 7
weeks/year 52	hours/year 8,760

Emissions Unit ID 003

Emissions Unit Supplemental Requirements

1. Fuel Analysis or Specification [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
2. Compliance Test Report [] Attached, Document ID: _____ [X] Not Applicable [] Previously submitted, Date: _____
3. Procedures for Startup and Shutdown [] Attached, Document ID: _____ [] Not Applicable [X] Waiver Requested
4. Operation and Maintenance Plan [] Attached, Document ID: _____ [] Not Applicable [X] Waiver Requested
5. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [X] Not Applicable

Emissions Unit Comment

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Additive, Slop, and Flare Drop Out Storage Tanks. 004 consists of a collectively regulated group of storage tanks (Tanks 17, 18, 20, 21, 22, 23 and 96). Tanks 17, 18, 21, 22, and 23 are fixed roof tanks storing product with a true vapor pressure < 1.5 psia. Tank 20 is a fixed roof tank and is the flare drop-out tank which is currently dry. Tank 96 is a fixed roof storage tank which stores slop (slop consists of a mixture of any product stored at the terminal).	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: N/A
4. Control Equipment Method/Description (limit to 200 characters per device or method): N/A	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr tons/day
3. Maximum Process or Throughput Rate: N/A	
4. Maximum Production Rate: N/A	
5. Requested Maximum Operating Schedule:	
hours/day 24	days/week 7
weeks/year 52	hours/year 8,760

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Process Storage Tanks. 005 consists of a collectively regulated group of emissions units (O/S 1, PT1, PT2, Tank 2, and Evap Tank). O/S 1 is an above ground oil/water separator. PT1 and PT1 are underground collection tanks for petroleum contaminated wastewater. Tank 2 stores water for fire protection purposes. Evap Tank is the evaporation tank and contains no petroleum product.	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: N/A
4. Control Equipment Method/Description (limit to 200 characters per device or method): N/A	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr tons/day
3. Maximum Process or Throughput Rate: N/A	
4. Maximum Production Rate: N/A	
5. Requested Maximum Operating Schedule:	
hours/day 24	days/week 7
weeks/year 52	hours/year 8,760

Emissions Unit ID 005

Emissions Unit Supplemental Requirements

1. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Previously submitted, Date: _____
3. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
4. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
5. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Emissions Unit Comment

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Fugitive Emissions. This group includes fugitive emissions from piping components.	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: N/A
4. Control Equipment Method/Description (limit to 200 characters per device or method): N/A	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A lb/hr	tons/day
3. Maximum Process or Throughput Rate: N/A	
4. Maximum Production Rate: N/A	
5. Requested Maximum Operating Schedule:	
hours/day 24	days/week 7
weeks/year 52	hours/year 8,760

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): High Volatility Storage Tanks Subject to NSPS. This emissions unit group includes Tank 66 which was modified in 1997 and is subject to the requirements of 40 CFR 60 Subpart Kb. This tank is an internal floating roof tank storing a petroleum product with a true vapor pressure > 1.5 psia.	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: N/A
4. Control Equipment Method/Description (limit to 200 characters per device or method): Tank 66 has an internal floating roof.	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr tons/day
3. Maximum Process or Throughput Rate: N/A	
4. Maximum Production Rate: N/A	
5. Requested Maximum Operating Schedule:	
hours/day 24	days/week 7
weeks/year 52	hours/year 8,760

Emissions Unit ID 007

Emissions Unit Supplemental Requirements

1. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Previously submitted, Date: _____
3. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
4. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
5. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Emissions Unit Comment

III. EMISSIONS UNIT INFORMATION

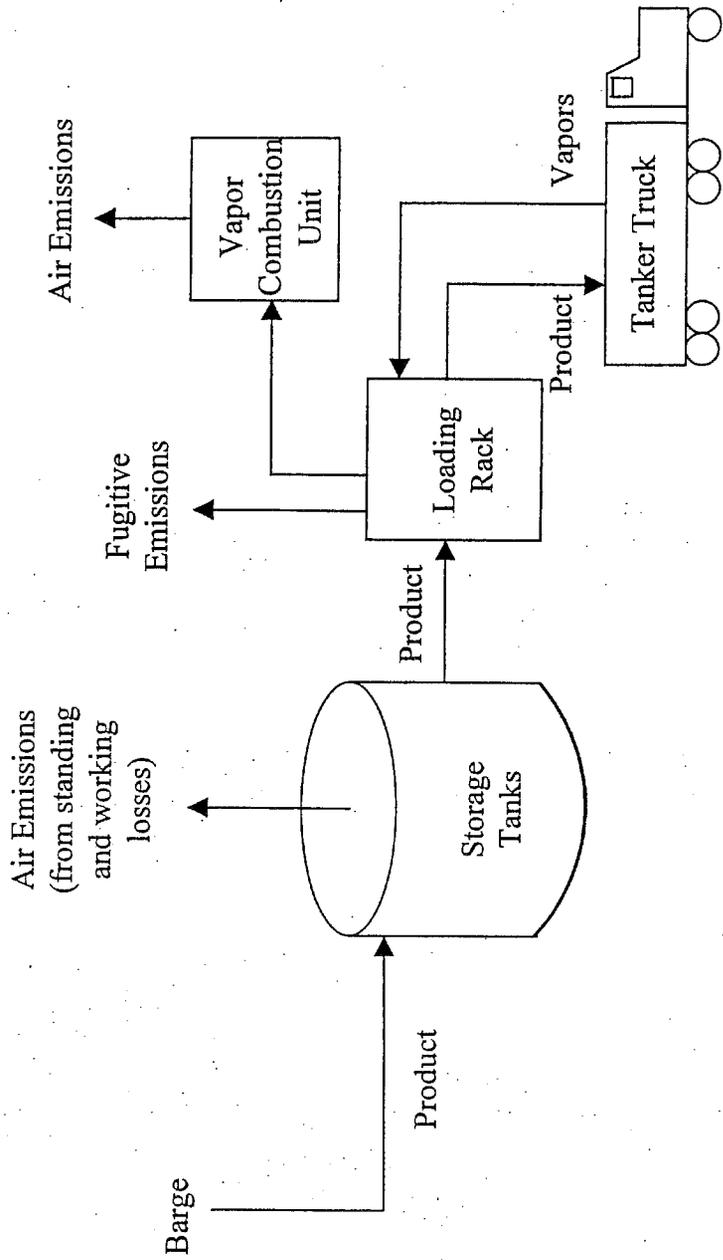
A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters) Additive Storage Tank Subject to NSPS. This emissions unit group includes Tank 14 which was installed in 2000 and is subject to the requirements of 40 CFR 60 Subpart Kb. This tank is a fixed roof tank storing a petroleum product with a true vapor pressure < 1.5 psia.	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: N/A
4. Control Equipment Method/Description (limit to 200 characters per device or method): N/A	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: N/A	mmBtu/hr
2. Maximum Incineration Rate: N/A lb/hr	tons/day
3. Maximum Process or Throughput Rate: N/A	
4. Maximum Production Rate: N/A	
5. Requested Maximum Operating Schedule:	
hours/day 24	days/week 7
weeks/year 52	hours/year 8,760



Generic Process Flow Diagram for Bulk Terminal Operations

EXECUTIVE SUMMARY

The Chevron Products Company terminal in Panama City, Florida is a bulk transport loading facility for Gasoline and Light Fuel Oil Products.

The products are bottom loaded into transport tankers and the displaced hydrocarbon vapors are balanced to a JOHN ZINK VAPOR DESTRUCTION UNIT (VDU).

This facility was source tested for air emissions on July 14, 2000. The purpose of this test was to confirm proper operation of the VRU and verify compliance with applicable VOC (Volatile Organic Compound) air emission requirements.

The Gasoline Terminal Air Emission Source Test was conducted in accordance with procedures established, and the test methods referenced, in the Code of Federal Regulations; CFR 40, Part 60, Subpart XX. Specific procedures used include:

EPA TEST METHOD

MEASUREMENT

Method 2A	Inlet Vapor Volume
Method 2B	Exhaust Vapor Volume
Method 25A	Outlet VOC Concentration
Method 25B	Inlet VOC Concentrations
Method 21	Potential Leak Sources
Method 22	Visible Emissions
40 CFR 60 Subsection 60.503 (d)	Transport Loading Maximum Backpressure

The results of this air emission test demonstrate that this source is in compliance with all applicable Federal and Local requirements. A summary of the data is presented below:

<u>TEST PARAMETER</u>	<u>MEASURED VALUE</u>	<u>REQUIRED VALUE</u>
VOC Emissions	2.43 mg/liter	35 mg/liter

There was 58,500 gallons of gasoline loaded in the first hour of testing. This is 91.4% of the maximum loading capacity. The emissions rate for this period was 2.55 mg/liter.

DATA SUMMARY

TERMINAL DESCRIPTION	Chevron Products Company Panama City, Florida
VAPOR CONTROL UNIT TYPE	John Zink VDU
TEST DATE	July 14, 2000
TEST PERIOD	05:49 – 11:49
AVERAGE AMBIENT TEMPERATURE	89.5° F
AVERAGE OUTLET CONCENTRATIONS:	VOC 26.6 ppm volume CO 117 ppm volume CO ₂ 1.10 % by volume
AVERAGE INLET CONCENTRATION (as Propane)	19.3 % by volume
TOTAL PETROLEUM LOADED	224,700 gallons
ACCOUNTABLE PETROLEUM LOADED	207,200 gallons
AVERAGE HYDROCARBON EMISSIONS (Calculated with Total Loaded Product)	2.24 mg/liter 0.70 lb/hr
AVERAGE HYDROCARBON EMISSIONS (Calculated with Accountable Product Loaded)	2.43 mg/liter 0.70 lb/hr
MAXIMUM CAPACITY	58,500 gal/ 1 st hr 2.55 mg/liter
NUMBER OF TRUCKS LOADED	29
NUMBER OF LEAKING TRUCKS	0
VOLUME OF LEAKING TRUCKS	0 gallons
MAXIMUM PRESSURE AT TRUCK VAPOR HOSE	15.0" H ₂ O
STRIP CHART RECORDER SPEED	123 mm/hour
UNIT EFFICIENCY	99.32 %