### STATEMENT OF BASIS

For the issuance of Draft Air Permit # 1876-AOP-R15 AFIN: 60-00617

### 1. PERMITTING AUTHORITY:

Division of Environmental Quality 5301 Northshore Drive North Little Rock, Arkansas 72118-5317

### 2. APPLICANT:

Dassault Falcon Jet Corp. 3801 East 10th Street Little Rock, Arkansas 72202

3. PERMIT WRITER:

Elliott Marshall

4. NAICS DESCRIPTION AND CODE:

NAICS Description:Aircraft ManufacturingNAICS Code:336411

5. ALL SUBMITTALS:

The following is a list of ALL permit applications included in this permit revision.

Date of Application	Type of Application	Short Description of Any Changes
	(New, Renewal, Modification,	That Would Be Considered New or
	Deminimis/Minor Mod, or	Modified Emissions
	Administrative Amendment)	
5/18/2022	Minor Modification	-Remove UV coating operations,
		replacing with two new spray booths for
		topcoat touch-up (SN-08A) and curing
		(SN-08B)
		- Replacing the two paint dry rooms
		with a natural gas-fired curing oven
		(SN-08C)
		- Reducing the UV cure areas from two
		to one (SN-08D)
		-Adding a dedicated Paint Mix room
		(SN-08E)
		Increasing UV coatings at the TAS area
		(SN-84A-B) to accommodate for the

Date of Application	Type of Application	Short Description of Any Changes
	(New, Renewal, Modification,	That Would Be Considered New or
	Deminimis/Minor Mod, or	Modified Emissions
	Administrative Amendment)	
		reduction of UV operations at the
		Cabinet Shop (SN-08A-E)
7/25/2022	Minor Modification	Add SN-104 and SN-105 (Paint Shop –
		Bay #6), SN-106 and SN-107 (Paint
		Shop – Bay #7), and SN-108 through
		SN-111 (Paint Shop – Prep Bay #4).

### 6. **REVIEWER'S NOTES**:

This permitting action is necessary to incorporate the changes of two minor modification permit applications:

Minor Modification 1 – renovate the cabinet shop (SN-08A through SN-08F) by:

- Removing UV coating operations at the Cabinet Shop and replacing with two new spray booths for topcoat touch-up (SN-08A) and curing (SN-08B).
- Replacing the two paint dry rooms with a natural gas-fired curing oven (VOC from drying accounted for at SN-08C). Natural gas combustion from the curing oven will fit within the existing rates for SN-78, natural gas combustion sources.
- Reducing the UV cure areas from two to one. SN-08F is being removed and the new UV Cure Room is designated as SN-08D.
- Adding a dedicated Paint Mix room (SN-08E).
- Increasing UV coatings at the TAS area (SN-84A-B) to accommodate for the reduction of UV operations at the Cabinet Shop (SN-08A-E).

Minor Modification 2 – add two new paint bays and a new prep bay (SN-104 through SN-111) to accommodate larger aircraft.

 Add SN-104 and SN-105 (Paint Shop – Bay #6), SN-106 and SN-107 (Paint Shop – Bay #7), and SN-108 through SN-111 (Paint Shop – Prep Bay #4). The addition of SN-104 through SN-111 will not result in a throughput increase of aircraft painted per/year, as the total number of aircraft completed annually is limited by the maximum number of aircraft that Falcon can paint on an annual basis (110 aircraft/yr); construction of the additional paint/prep bays will result in the addition of eight new exhaust stacks: two for each new paint booth and four for the new prep bay.

There are no changes to permitted emission rates; currently permitted facility-wide emission limits accommodate the proposed changes. Increases to hourly emissions of acetone were evaluated and are below thresholds of concern. Increases to hourly emissions of hexamethylene-1,6-diisocyanate (HDI) were modeled and modeled Permit #: 1876-AOP-R15 AFIN: 60-00617 Page 3 of 16

concentrations are below the HDI Presumptively Acceptable Impact Level (PAIL) value of 3.44E-01  $\mu g/m3.$ 

### 7. COMPLIANCE STATUS:

The following summarizes the current compliance of the facility including active/pending enforcement actions and recent compliance activities and issues.

The facility was last inspected October 19, 2021; the inspection revealed no areas of concern. There are no active or pending enforcement actions.

### 8. PSD/GHG APPLICABILITY:

a) Did the facility undergo PSD review in this permit (i.e., BACT, Modeling, etc.)? N If yes, were GHG emission increases significant? N/A

- b) Is the facility categorized as a major source for PSD? N
- Single pollutant  $\geq$  100 tpy and on the list of 28 or single pollutant  $\geq$  250 tpy and not on list

If yes for 8(b), explain why this permit modification is not PSD. N/A

### 9. SOURCE AND POLLUTANT SPECIFIC REGULATORY APPLICABILITY:

Source	Pollutant	Regulation (NSPS, NESHAP or PSD)
SN-80	PM <sub>10</sub> , VOC, CO, NO <sub>X</sub> , HAPs	NSPS IIII, NESHAP ZZZZ
SN-81	HAPs	NESHAP ZZZZ
SN-82	HAPs	NESHAP CCCCCC
Facility	HAPs	NESHAP HHHHHH
Facility	HAPs	NESHAP WWWWWW

### 10. UNCONSTRUCTED SOURCES:

Unconstructed Source	Permit	Extension	Extension	If Greater than 18 Months without
	Approval	Requested	Approval	Approval, List Reason for Continued
	Date	Date	Date	Inclusion in Permit
			N/A	

### 11. PERMIT SHIELD – TITLE V PERMITS ONLY:

Did the facility request a permit shield in this application? N (Note - permit shields are not allowed to be added, but existing ones can remain, for minor modification applications or any Rule 18 requirement.)

If yes, are applicable requirements included and specifically identified in the permit? N/A

If not, explain why.

For any requested inapplicable regulation in the permit shield, explain the reason why it is not applicable in the table below.

Source	Inapplicable Regulation	Reason
	N/A	

### 12. COMPLIANCE ASSURANCE MONITORING (CAM) – TITLE V PERMITS ONLY:

List sources potentially subject to CAM because they use a control device to achieve compliance and have pre-control emissions of at least 100 percent of the major source level. List the pollutant of concern and a brief summary of the CAM plan (temperature monitoring, CEMs, opacity monitoring, etc.) and frequency requirements of § 64.

Source Pollutant Controlled		Cite Exemption or CAM Plan Monitoring and Frequency
		N/A

### 13. EMISSION CHANGES AND FEE CALCULATION:

See emission change and fee calculation spreadsheet in Appendix A.

### 14. AMBIENT AIR EVALUATIONS:

The following are results for ambient air evaluations or modeling.

### a) NAAQS

A NAAQS evaluation is not required under the Arkansas State Implementation Plan, National Ambient Air Quality Standards, Infrastructure SIPs and NAAQS SIP per Ark. Code Ann. § 8-4-318, dated March 2017 and the DEQ Air Permit Screening Modeling Instructions.

b) Non-Criteria Pollutants:

The non-criteria pollutants listed below were evaluated. Based on Department procedures for review of non-criteria pollutants, emissions of all other non-criteria pollutants are below thresholds of concern.

1<sup>st</sup> Tier Screening (PAER)

Estimated hourly emissions from the following sources were compared to the Presumptively Acceptable Emission Rate (PAER) for each compound. The Department has deemed the PAER to be the product, in lb/hr, of 0.11 and the Threshold Limit Value

Permit #: 1876-AOP-R15 AFIN: 60-00617 Page 5 of 16

(mg/m<sup>3</sup>), as listed by the American Conference of Governmental Industrial Hygienists (ACGIH).

Pollutant	TLV (mg/m <sup>3</sup> )	$PAER (lb/hr) = 0.11 \times TLV$	Proposed lb/hr	Pass?	
Acrolein	2.29E-01	2.52E-02	3.39E-04	Yes	
Acetone	1.19E03	1.31E02	6.87E01	Yes	
Arsenic	1.00E-02	1.10E-03	1.50E-05	Yes	
Beryllium	5.00E-05	5.50E-06	9.00E-07	Yes	
Cadmium	1.00E-02	1.10E-03	8.25E-05	Yes	
Chromium Compounds	$5.00E-01^{1}$ $5.00E-02^{2}$ $1.00E-02^{3}$	5.5E-02 5.5E-03 1.1E-03	1.05E-04 6.00E-03 1.50E-04	No	
Cobalt	2.00E-02	2.20E-03	6.30E-06	Yes	
Hexamethylene Diisocyanate	3.44E-02	3.78E-03	5.93E-02	No	
Manganese	2.00E-01	2.20E-02	2.85E-05	Yes	
Mercury	2.50E-02	2.75E-03	1.95E-05	Yes	
РОМ	2.00E-01	2.20E-02	6.62E-06	Yes	
Selenium	2.00E-01	2.20E-02	1.80E-06	Yes	
Toluene Diisocyanate	7.12E-03	7.84E-04	8.22E-03	No	

Modeling was only performed for HDI and TDI with this permit revision.

<sup>1</sup> Metal and Cr III compounds

<sup>2</sup> Water-soluble Cr VI compounds

<sup>3</sup> Insoluble Cr VI compounds

2<sup>nd</sup> Tier Screening (PAIL)

AERMOD air dispersion modeling was performed on the estimated hourly emissions from the following sources, in order to predict ambient concentrations beyond the property boundary. The Presumptively Acceptable Impact Level (PAIL) for each compound has been deemed by the Department to be one one-hundredth of the Threshold Limit Value as listed by the ACGIH.

Pollutant	PAIL $(\mu g/m^3) = 1/100$ of Threshold Limit Value	Modeled Concentration $(\mu g/m^3)$	Pass?
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Pollutant	PAIL $(\mu g/m^3) = 1/100$ of Threshold Limit Value	Modeled Concentration $(\mu g/m^3)$	Pass?
Chromium Compounds	5.00E-01*	9.77E-02	Yes
Hexamethylene Diisocyanate	3.44E-01	1.55E-01	Yes
Toluene Diisocyanate	7.12E-02	6.01E-02	Yes

\*Water-soluble Cr VI compounds

# c) H<sub>2</sub>S Modeling: N/A

## 15. CALCULATIONS:

SN	Emission Factor Source (AP-42, testing, etc.)	Emission Factor (lb/ton, lb/hr, etc.)	Control Equipment	Control Equipment Efficiency	Comments
01	Mass Balance	VOC 5.1 lb/hr			
08A 08B 08C 08D 08E	Mass Balance	VOC 6.3 lb/hr			
09	Mass Balance	VOC 10.2 lb/hr			
10	Mass Balance	VOC 12.8 lb/hr			
12	Mass Balance	VOC 14.4 lb/hr			
17	Mass Balance	VOC 2.2 lb/hr			
18	Mass Balance	VOC 2.2 lb/hr			
19	Mass Balance	VOC 2.2 lb/hr			
25	Mass Balance	VOC 59.3 lb/hr			
26A 26B	Mass Balance	VOC 5.0 lb/hr			
27	Mass Balance	VOC 1.7 lb/hr			
33	TANKS 4.0.9d	VOC 0.6 lb/hr			
34	TANKS 4.0.9d	VOC 0.6 lb/hr			

Permit #: 1876-AOP-R15 AFIN: 60-00617 Page 7 of 16

SN	Emission Factor Source (AP-42, testing, etc.)	Emission Factor (lb/ton, lb/hr, etc.)	Control Equipment	Control Equipment Efficiency	Comments
35	TANKS 4.0.9d	VOC 0.3 lb/hr			
37	Mass Balance	VOC 17.9 lb/hr			
39	Mass Balance	VOC 64.0 lb/hr			
40	Mass Balance	VOC 64.0 lb/hr			
42	Mass Balance	VOC 9.9 lb/hr			
43	Mass Balance	VOC 9.9 lb/hr			
45	Mass Balance	VOC 9.9 lb/hr			
46	Mass Balance	VOC 9.9 lb/hr			
48	Mass Balance	VOC 1.8 lb/hr			
49	Mass Balance	VOC 12.3 lb/hr			
50	Mass Balance	VOC 12.8 lb/hr			
59	Mass Balance	VOC 9.9 lb/hr			
60	Mass Balance	VOC 9.9 lb/hr			
61	Mass Balance	VOC 9.9 lb/hr			
62	Mass Balance	VOC 9.9 lb/hr			
63	Mass Balance	VOC 9.9 lb/hr			
64	Mass Balance	VOC 9.9 lb/hr			
65	Mass Balance	VOC 42.6 lb/hr			
66	Mass Balance	VOC 42.6 lb/hr			
67	Mass Balance	VOC 1.8 lb/hr			
68	Mass Balance	VOC 1.8 lb/hr			
69	Mass Balance	VOC 0.2 lb/hr			

Permit #: 1876-AOP-R15 AFIN: 60-00617 Page 8 of 16

SN	Emission Factor Source (AP-42, testing, etc.)	Emission Factor (lb/ton, lb/hr, etc.)	Control Equipment	Control Equipment Efficiency	Comments
70	Mass Balance	VOC 0.2 lb/hr			
71	Mass Balance	VOC 3.4 lb/hr			
72	Mass Balance	VOC 3.4 lb/hr			
73	Mass Balance	VOC 3.4 lb/hr			
74	Mass Balance	VOC 2.9 lb/hr			
76	Mass Balance	VOC 0.2 lb/hr			
77	Mass Balance	VOC 0.2 lb/hr			
78	AP-42 Section 1 - Tables 1.4-1 through 1.4-4	$\begin{array}{c} PM/PM_{10}\\ 7.6\ lb/MMcf\\ SO_2\\ 0.6\ lb/MMcf\\ VOC\\ 5.5\ lb/MMcf\\ CO\\ 84\ lb/MMcf\\ NO_X\\ 100\ lb/MMcf\\ \end{array}$			
79	Mass Balance	VOC 42.6 lb/hr			
80	AP-42 Section 3 - Tables 3.3- 1, 3.3-2, and certification	PM/PM <sub>10</sub> 0.3 g/kW-hr SO <sub>2</sub> 0.00205 g/kW-hr VOC 0.00205 g/kW-hr CO 5.0 g/kW-hr NO <sub>X</sub> 4.0 g/kW-hr			158 hp 500 hr/yr operation
81	AP-42 Section 3 - Table 3.3-1 and 3.3-2	$\begin{array}{c} \text{PM/PM}_{10} \\ \text{PM/PM}_{10} \\ \text{0.0022 lb/hp-hr} \\ \text{SO}_2 \\ \text{0.00205} \\ \text{lb/hp-hr} \\ \text{VOC} \\ \text{0.00247} \end{array}$			Two Engines 183 hp, each 500 hr/yr operation

## Permit #: 1876-AOP-R15 AFIN: 60-00617 Page 9 of 16

SN	Emission Factor Source (AP-42, testing, etc.)	Emission Factor (lb/ton, lb/hr, etc.)	Control Equipment	Control Equipment Efficiency	Comments
		lb/hp-hr			
		CO			
		0.00668			
		lb/hp-hr			
		NO <sub>X</sub>			
		0.031 lb/hp-hr			
82	TANKS 4.0.9d				
02.4		11.9 lb/hr VOC			
83A 83B	Mass Balance	1.4 lb/hr			
83B 84A		VOC			
84B	Mass Balance	1.8 lb/hr			
84D 85A		VOC			
85A 85B	Mass Balance	12.1 lb/hr			
86A		VOC			
86B	Mass Balance	12.1 lb/hr			
		VOC			
87	Mass Balance	1.9 lb/hr			
		VOC			
88	Mass Balance	1.9 lb/hr			
00	M D I	VOC			
89	Mass Balance	1.9 lb/hr			
90	Mass Balance	VOC			
90	Mass Balance	1.9 lb/hr			
91	Mass Balance	VOC			
71	Mass Dalance	10.3 lb/hr			
92	Mass Balance	VOC			
		12.3 lb/hr			
93		VOC			
94	Mass Balance	5.7 lb/hr			
95					
96A					
96B	Mass Dalar	VOC			
96C	Mass Balance	2.8 lb/hr			
96D					
96E		VOC	<u> </u>		
97	Mass Balance	4.9 lb/hr			
		VOC			
98	Mass Balance	4.9 lb/hr			
		VOC			
99	Mass Balance	1.0 lb/hr			
100A		VOC			
100H	Mass Balance	2.0 lb/hr			
1000		2.0 10/m			

SN	Emission Factor Source (AP-42, testing, etc.)	Emission Factor (lb/ton, lb/hr, etc.)	Control Equipment	Control Equipment Efficiency	Comments
101A	AP-42 Section 12 - Table 12.20-2	$\frac{\text{PM/PM}_{10}}{4.2 \text{ gr/hr-ft}^2}$			
101B	AP-42 Section 12 - Table 12.20-2	$\frac{PM/PM_{10}}{4.2 \text{ gr/hr-ft}^2}$			
102	Mass Balance	PM/PM <sub>10</sub> 0.01 lb/hr VOC 0.2 lb/hr	Mobile Paint Booth	PM/PM <sub>10</sub> 99.78% VOC 90%	
103	Mass Balance	PM/PM <sub>10</sub> 0.8 lb/hr VOC 0.7 lb/hr			
104- 107	Mass Balance	VOC 20.7 lb/hr, per stack			
108- 111	Mass Balance	VOC 9.66 lb/hr, per stack			

## 16. TESTING REQUIREMENTS:

The permit requires testing of the following sources.

SN	NN Pollutante		Test Interval	Justification	
		N/A			

### 17. MONITORING OR CEMS:

The permittee must monitor the following parameters with CEMS or other monitoring equipment (temperature, pressure differential, etc.)

SN	Parameter or Pollutant to be Monitored	Method (CEM, Pressure Gauge, etc.)	Frequency	Report (Y/N)			
	N/A						

## 18. RECORDKEEPING REQUIREMENTS:

The following are items (such as throughput, fuel usage, VOC content, etc.) that must be tracked and recorded.

SN	Recorded Item	Permit Limit	Frequency	Report (Y/N)
facility wide	VOC content and purchases of VOC containing materials	165.0 tpy of VOC emissions	monthly	Y
facility wide	Acetone content and purchases of Acetone containing materials	70.00 tpy of Acetone emissions	monthly	N
facility wide	HAP content and purchases of HAP containing materials	9.6 tpy - single HAP 22.0 tpy - combined	monthly	N
facility wide	VOC, Acetone and HAP credit, amount of VOC, Acetone and HAP shipped off-site to a Hazardous Disposal Facility	There is no applicable limit for this requirement.	quarterly	N
facility wide	VOC, Acetone and HAP credit, amount of VOC, Acetoen and HAP contained in materials that have exceeded their shelf life	There is no applicable limit for this requirement	monthly	N
facility wide	natural gas usage	150 MMscf per consecutive twelve month period	monthly	N
facility wide	Surface Coating Operation	Annual Notification of Changes Report	N/A	Ν
facility wide	Paint Stripping Operations	Less than 1 ton per year of methyl chloride	annually	N

SN	Recorded Item	Permit Limit	Frequency	Report (Y/N)
facility wide	Records described in § 63.11177	N/A	as necessary	N
facility wide	Electrolytic Operations	Maintain tank cover 95% of electrolytic process time	daily	N
facility wide	Polishing Operations	Capture and control system manufacturer's specifications and instructions and inspections	N/A	N
facility wide	Electrolytic Operations and Polishing Operations	Annual Compliance Certification Report	N/A	N
80	Hours of Operation	500 hr/yr	monthly	Y
	Fuel Specification	Maximum 15 ppm wt% S and either a minimum cetane index of 40 or a maximum aromatic content of 35% by volume	Per Fuel Shipment	N
81	Hours of Operation	500 hr/yr	monthly	Y
82	Monthly Throughput of Gasoline per MACT 6C	10,000 gal/mo 120,000 gal/yr	monthly	N

# 19. OPACITY:

SN	Opacity	Opacity Justification for limit Comp Mech	
All Sources*	5%	§18.501	Natural gas only
80, 81	20%	§19.503(B)	Daily observation for events lasting 24 hours or more otherwise annual

SN	Opacity	Justification for limit	Compliance Mechanism
			observation

## 20. DELETED CONDITIONS:

Former SC	Justification for removal			
	None			

## 21. GROUP A INSIGNIFICANT ACTIVITIES:

The following is a list of Insignificant Activities including revisions by this permit.

	Crown A	Emissions (tpy)						
Source Name	Group A Category	<b>PM/PM</b> <sub>10</sub>	SO <sub>2</sub>	VOC	СО	NO <sub>x</sub>	HA	Ps
	Category	1 101/1 10110	$50_{2}$	VUC	0	NO <sub>X</sub>	Single	Total
Mold Machine Shop (Manufacturing Shop) Nat. Gas Fired Curing Oven	A-1	0.02	0.002	0.02	0.25	0.30	0.02	0.02
Mold Machine Shop (Manufacturing Shop) Nat. Gas Fired Curing Oven	A-1	0.04	0.003	0.03	0.43	0.52	0.03	0.03
Machine Shop (Manufacturing Shop) Nat. Gas Fired Oven	A-1	0.03	0.003	0.02	0.36	0.43	0.02	0.02
Wastewater Evaporator	A-1	0.05	0.004	0.04	0.54	0.64	0.04	0.04
Wastewater Evaporator	A-1	0.02	0.002	0.02	0.27	0.32	0.02	0.02
Natural gas fired pressure washers (2)	A-1	0.03	0.002	0.02	0.30	0.36	0.02	0.02
Total	A-1	0.19	0.016	0.15	2.15	2.57	0.15	0.15
Diesel Storage Tank (1,000 gal)	A-3	0.001	-	-	-	-	0.001	0.001
FAA Burn Test	A-13	0.10	-	-	-	-	-	-

## Permit #: 1876-AOP-R15 AFIN: 60-00617 Page 14 of 16

	Crown A			Emission	s (tpy)			
Source Name	Group A Category	PM/PM <sub>10</sub>	$SO_2$	VOC	СО	NO <sub>x</sub>	HA	
	00008017	111,11110	202	,		1.0,	Single	Total
Room Cabinet Shop - Vacuum Filter	A-13	0.03						
No. 1 Cabinet Shop -	A-13	0.05	-	-	-	-	-	-
Vacuum Filter No.2	A-13	0.03	-	-	-	-	-	-
Production Warehouse - Vacuum Filter	A-13	0.03	-	-	-	-	-	-
Machine Shop (Manufacturing Shop) drilling and cutting	A-13	-	-	0.28	-	-	-	-
Gel-Coat Booth	A-13	-	-	1.86	-	-	0.63	0.96
Cabinet Shop - Polish Room, Detail Polish Room and Buffing Room	A-13	0.08	-	-	-	-	-	-
Welding Inspection Booth	A-13	-	-	0.09	-	-	-	-
Wastewater Aeration	A-13	-	-	-	-	-	-	-
Machine Shop (Manufacturing Shop) Welding	A-13	-	-	-	-	-	-	-
Plating Shop - Diffuse Particulate Filter	A-13	Filtered air is blown back into the Plating Shop. No emissions are released to the atmosphere from the diffuse particulate filter.						
Service Center-	A-13	Filtered air is						

## Permit #: 1876-AOP-R15 AFIN: 60-00617 Page 15 of 16

	Crown A			Emission	s (tpy)			
Source Name	Group A Category	PM/PM <sub>10</sub>	$SO_2$	VOC	СО	NO <sub>x</sub>	HA	Ps
	Category	1 101/1 10110	$50_2$	VUC	0	NO <sub>X</sub>	Single	Total
Dust Collector/Filter		blown back into the Service Center. No emissions are released to the atmosphere by						
		the dust collector/filter.						
Cabinet Shop - Sanding Room Baghouses (2)	A-13	0.25	-	-	-	-	-	-
Cabinet Shop - Six Diffuse Particulate Filters	A-13	Filtered air is blown back into the Cabinet Shop. No emissions are released to the atmosphere from the diffuse particulate filters.						
Cabinet Shop - Dust Collector with Fabric Filter	A-13	0.15	-	-	-	-	-	-
Manufacturing Area- Dust Collector with Fabric Filter	A-13	0.04	-	-	-	-	-	-
Headliner Shop - Sanding Booths (2)	A-13	0.08	-	-	-	-	-	-
OptiFlex Laser Cutter	A-13	0.78	-	0.23	-	-	0.23	0.23
Total	A-13	1.57	_	2.46	-	-	0.86	1.19

# 22. VOIDED, SUPERSEDED, OR SUBSUMED PERMITS:

The following is a list of all active permits voided/superseded/subsumed by the issuance of this permit.

Permit #
1876-AOP-R14

APPENDIX A – EMISSION CHANGES AND FEE CALCULATION

### Fee Calculation for Major Source

#### Facility Name: Dassault Falcon Jet Corp. Permit Number: 1876-AOP-R15 AFIN: 60-00617

\$/ton factor Permit Type	25.13 Minor Mod	Annual Chargeable Emissions (tpy) Permit Fee \$	<u>250.5</u> 500
Minor Modification Fee \$ Minimum Modification Fee \$ Renewal with Minor Modification \$	500 1000 500		
Check if Facility Holds an Active Minor Source or Mino Source General Permit If Hold Active Permit, Amt of Last Annual Air Permit Invoice \$ Total Permit Fee Chargeable Emissions (tpy) Initial Title V Permit Fee Chargeable Emissions (tpy)	or 0 0		

HAPs not included in VOC or PM:

Chlorine, Hydrazine, HCl, HF, Methyl Chloroform, Methylene Chloride, Phosphine, Tetrachloroethylene, Titanium Tetrachloride

Air Contaminants:

All air contaminants are chargeable unless they are included in other totals (e.g., H2SO4 in condensible PM, H2S in TRS, etc.)

Revised 03-11-16

Pollutant (tpy)	Check if Chargeable Emission	Old Permit	New Permit	Change in Emissions	Permit Fee Chargeable Emissions	Annual Chargeable Emissions
PM		4.4	4.4	0		
$PM_{10}$		4.4	4.4	0	0	4.4
PM <sub>2.5</sub>		0	0	0		
SO <sub>2</sub>		0.4	0.4	0	0	0.4
VOC		165	165	0	0	165
со		7.4	7.4	0		
NO <sub>X</sub>		10.7	10.7	0	0	10.7
Total HAPs		22	22	0		

Pollutant (tpy)	Check if Chargeable Emission	Old Permit	New Permit		Permit Fee Chargeable Emissions	Annual Chargeable Emissions
Acetone		70	70	0	0	70