#### Permit Number 43833

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Emission	Source	Air	Contaminant	<b>Emission</b>	Rates *
Point No. (1)	Name (2)		Name (3)	lb/hr	TPY**
1	Engine Testing Facilities Research Area	VOC SO <sub>2</sub> PM Lead	NO <sub>x</sub> CO 140 90 75 0.5	580 580 65 35 30 0.25	300 300
2	Chemical and Engineering Research Facilities Area		VOC	15	15
3	Fire Technology Research A	VOC SO <sub>2</sub> PM PM <sub>10</sub>	NO <sub>x</sub> CO 83.5 5.3 40 4.0 (as PM <sub>2.5</sub> )	23 226 3.8 1.1 15 0.21 2.8	2.9 7.0
4	Metering Research Facility F	lare CO VOC SO <sub>2</sub> PM	NO <sub>x</sub> 23.3 8.82 <0.01 0.33	4.28 1.0 0.4 <0.01 0.03	0.2
5	Metering Research Facility Gas Turbine	VOC SO <sub>2</sub> PM	NO <sub>x</sub> CO 10 0.2 0.3	12 12 5 0.1 0.15	6 6

Emission	Source	Air Contaminant	Emission Ra	ites *
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
50	VOC Storage Tanks Group	VOC	15.5	45
10 through 20	High-Pressure Parts Washers (10) total	VOC	33.6	8.4
23 and 24	Paint Spray Booths Buildings and Grounds Buildi	VOC ng 152	12.0	2.5
25	Paint Spray Booth Building 53	VOC	0.5	0.1
26	Paint Spray Booth Building 68	VOC	0.5	0.1
27	Paint Spray Booth Building 173, Signals Resear	VOC ch	7.2	1.5
28	Paint Spray Booth Building G Space Sciences	VOC	0.5	0.1
29	Paint Spray Booth Building 223 Space Sciences	VOC	0.5	0.1
31	S	NO <sub>x</sub> CO /OC 2.0 SO <sub>2</sub> 1.0 PM 1.0	6.0 5.0 0.1 0.05 0.05	0.3 0.25
32	S	NO <sub>x</sub> CO /OC 2.0 SO <sub>2</sub> 1.0 PM 1.0	6.0 5.0 0.1 0.05 0.05	0.3 0.25

Emission	Source	Air Contaminant	<u>Emissio</u>	Emission Rates *		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**		
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33	<b>Emergency Generator</b>	$NO_x$	6.0	0.3		

# AIR CONTAMINANTS DATA

Emission	Source	Air	Contaminant	Emission Rates *		
Point No. (1)	Name (2)		Name (3)	lb/hr	TPY**	
	Building 180	VOC SO <sub>2</sub> PM	CO 2.0 1.0 1.0	5.0 0.1 0.05 0.05	0.25	
34	Emergency Generator Building 146	VOC SO <sub>2</sub> PM	NO <sub>x</sub> CO 2.0 1.0	6.0 5.0 0.1 0.05 0.05	0.3 0.25	
35	Emergency Generator Fire Water Pumps	VOC SO <sub>2</sub> PM	NO <sub>x</sub> CO 2.0 1.0	6.0 5.0 0.1 0.05 0.05	0.3 0.25	
36	Emergency Generator Building 124	VOC SO <sub>2</sub> PM	NO <sub>x</sub> CO 2.0 1.0 1.0	6.0 5.0 0.1 0.05 0.05	0.3 0.25	
37	Emergency Generator West Campus Booster Stat	ion VOC SO <sub>2</sub> PM	NO <sub>x</sub> CO 2.0 1.0	6.0 5.0 0.1 0.05 0.05	0.3 0.25	
38	Emergency Generator Backup for Booster Station	VOC SO <sub>2</sub> PM	NO <sub>x</sub> CO 2.0 1.0	6.0 5.0 0.1 0.05 0.05	0.3 0.25	

Record Number: 83133

Emission	Source	Air	Contaminant	Emission Rates *		
Point No. (1)	Name (2)		Name (3)	lb/hr	TPY**	
39	Emergency Generator		$NO_x$	6.7	0.33	
	Building 227		CO	1.5	0.1	
		VOC	0.53	0.03		
		$SO_2$	0.50	0.02		
		PM	0.50	0.02		
40	Emergency Generator		NO <sub>x</sub>	6.7	0.33	
	Building 209		CO	1.5	0.1	
		VOC	0.53	0.03		
		$SO_2$	0.50	0.02		
		PM	0.50	0.02		

- (1) Emission point identification either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) NO<sub>x</sub> total oxides of nitrogen
  - CO carbon monoxide
  - VOC volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - SO<sub>2</sub> sulfur dioxide
  - PM particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> particulate matter equal to or less than 10 microns in diameter.
  - PM<sub>2.5</sub> particulate matter equal to or less than 2.5 microns in diameter.
  - SiO<sub>2</sub> silicon dioxide

*	Emission	rates	are	based	on	and	the	facilities	are	limited	by	the	following	maximum	operating
	schedule:														

	Hrs/day	Days/week	Weeks/year or	8,760 Hrs/y	ear
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<sup>\*\*</sup> Compliance with annual emission limits is based on a rolling 12-month period.

# AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission Rates *		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**	

Date May 2, 2007