#### Permit No. 5269A

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	Emission Rates *	
Point No. (1)	Name (2) Name (3)	lb/hr TPY		
003	MDEA Reboiler	VOC NOx CO SO <sub>2</sub> PM	0.05 2.35 0.59 0.01 0.10	0.21 10.30 2.58 0.04 0.46
006	Dehydrator Flare	VOC Benzene (4) NO <sub>x</sub> CO SO <sub>2</sub> H <sub>2</sub> S	0.37 0.01 0.65 3.52 0.31 <0.01	1.61 0.01 2.83 15.40 1.36 0.03
007	Amine & SRU Flare (5)	$VOC$ $NO_X$ $CO$ $SO_2$ $H_2S$	0.13 0.62 3.35 0.31 <0.01	0.55 2.69 14.70 1.36 0.03
008	Preheater (SRU)	$\begin{array}{c} VOC \\ NO_X \\ CO \\ SO_2 \\ PM \end{array}$	<0.01 0.11 0.02 <0.01 <0.01	0.03 0.47 0.10 <0.01 0.03
009	Reheater (SRU)	VOC NO <sub>X</sub> CO PM	<0.01 0.05 0.01 <0.01	0.01 0.21 0.04 0.01
010	Reheater	VOC	<0.01	0.01

Emission	Source	Air Contaminant	<b>Emission</b>	Rates *		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY		
				$NO_X$	0.05	0.21
				CO	0.01	0.04
				PM	< 0.01	0.01

Emission Source	Air Contaminant	Emission Rates *		
Point No. (1) Nam	e (2) Name (3)	lb/hr TPY		
012	Condensate Flare	VOC	0.04	0.20
		Benzene	< 0.01	< 0.01
		$NO_X$	0.01	0.43
		CO	0.53	2.32
		$SO_2$	0.31	1.38
		H₂S	<0.01	0.03
013	Plant Flare (5)	VOC	0.03	0.12
		$NO_X$	0.13	0.56
		CO	0.69	3.04
		SO <sub>2</sub>	0.92	4.04
		H₂S	0.02	0.08
015	Dehydrator Reboiler	VOC	0.01	0.05
		$NO_X$	0.20	0.88
		CO	0.04	0.18
		SO <sub>2</sub>	< 0.01	< 0.01
		PM	0.01	0.05
017	Auxiliary Boiler	VOC	0.01	0.05
		$NO_X$	0.22	0.96
		CO	0.04	0.19
		SO <sub>2</sub>	< 0.01	0.01
		PM	0.01	0.06
018	Reheater (SRU)	VOC	<0.01	0.01
		NO <sub>X</sub>	0.05	0.21
		CO	0.01	0.04
		PM	<0.01	0.01
019	Thermal Oxidizer (6)	VOC	0.01	0.10
		$NO_X$	0.42	1.84
		CO	0.08	0.37
		$SO_2$	70.00	306.60
		H <sub>2</sub> S	0.30	1.31
		PM	< 0.01	0.01

Emission	Source Air Contaminant	Emission Rates *		
Point No. (1)	Name (2) Name (3)	lb/hr TPY		
019	Thermal Oxidizer (7)	VOC	0.01	0.10
		$NO_X$	0.42	1.84
		CO	0.08	0.37
		$SO_2$	170.70	747.70
		H₂S	0.68	2.99
		PM	0.01	0.04
020	Sulfur Pit Vent	H₂S	<0.01	0.02
023	Line Heater	VOC	0.01	0.03
		$NO_X$	0.14	0.61
		CO	0.03	0.12
		$SO_2$	<0.01	< 0.01
		PM	<0.01	0.04
024	Solar Saturn Compress		0.02	0.11
		$NO_X$	3.48	15.20
		CO	1.32	5.78
		$SO_2$	0.01	0.02
		PM	0.24	1.05
025	Solar Saturn Compress		0.02	0.11
		$NO_X$	3.48	15.20
		CO	1.32	5.78
		$SO_2$	0.01	0.02
		PM	0.24	1.05
026	Starter Vent (8)	VOC	0.46	0.01
027	Solar Saturn Compress	or VOC	0.02	0.11
		$NO_X$	3.48	15.20
		CO	1.32	5.78
		$SO_2$	0.01	0.02
		PM	0.24	1.05
030	Sulfur Truck Loading	H <sub>2</sub> S	<0.03	<0.01
		PM	0.29	0.05

Fugitive Emissions (9)	VOC	1.13	4.95
	Benzene (4)	0.01	0.04
	H <sub>2</sub> S	1.97	8.62
	Fugitive Emissions (9)	Benzene (4)	Benzene (4) 0.01

(1)	Emission point identification	<ul> <li>either specific</li> </ul>	equipment	designation o	r emission	point nu	ımber
	from plot plan.						

- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC volatile organic compounds as defined in General Rule 101.1

NO<sub>X</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter

H<sub>2</sub>S - hydrogen sulfide

- (4) Speciated emissions are included in total VOC emission rates.
- (5) Flare is also for emergency flaring during periods of maintenance or process upset as represented in permit application.
- (6) Emission rates when Sulfur Recovery Plant is operating.
- (7) Sulfur Recovery Plant will not operate below two (2) long tons per day of sulfur. Emission rates effective only when gas plant is operating below 2 long tons per day of sulfur.
- (8) Emission rates are an estimate only based on an average of 40 seconds per start with an estimated 52 starts per year and should not be considered a maximum allowable emission rate. (Starter vents approximately 6.6 lb/hr sweet natural gas that is approximately 7 percent wt. VOC.)
- (9) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

r	Emission rates are based on and the facilities are limited by the following maximum operating schedule:
	Hrs/dayDays/weekWeeks/yearor Hrs/year_8,760

Dated