Emission Sources - Maximum Allowable Emission Rates

Permit Number 21262 and PSDTX928

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, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
1101 (2)			lbs/hour	TPY (4)
A213	CR3 Recycle Gas SG Analyzer	Benzene		
A214	CR3 Recycle Gas Moisture Analyzer	Benzene		
A298	CR3 Regen Gas O₂ Analyzer	Benzene		
A300	CR3 Regen Gas Comb. Analyzer	Benzene		
AP16	AP16 Storage Tank	Benzene		
AP17	AP17 Storage Tank	Benzene		
AP6	AP6 Storage Tank	Benzene		
AP8	AP8 Storage Tank	Benzene		
AYARDOWS	WW - Sewer A Yard Oily Water	Benzene		
BARGE	Marine Loading - Barge Docks	Benzene		
BENZENE1	Marine Loading - Benzene Dock 1	Benzene		
BENZENE2	Marine Loading - Benzene Dock 2	Benzene		
BENZENE4	Marine Loading - Benzene Dock 4	Benzene		
BYARDOWS	WW - Sewer B Yard Oily Water	Benzene		
CCLP	WW - Cat Cracker Lube Plant	Benzene		
CPI1	WW- CPI Oil Water Separator	Benzene		
CPI2	WW- CPI Oil Water Separator	Benzene		
CRUDE	Marine Loading - Crude Docks	Benzene		
CYARDOWS	Wastewater Fugitives (5)	Benzene		
DAOWS	WW - Sewer DA Oily Water	Benzene		
DD2	WW - Dispatching Distilling 2	Benzene		
DOCK1	Marine Loading - Dock 1	Benzene		

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Emission Sources - Maximum Allowable Emission Rates

DOCK2	Marine Loading - Dock 2	Benzene
DOCK4	Marine Loading - Dock 4	Benzene
DOCKS	Dock Wastewater Collection	Benzene
DYARDOWS	WW - Sewer D Yard Oily Water	Benzene
F314	F314 Storage Tank	Benzene
F315	F315 Storage Tank	Benzene
F316	F316 Storage Tank	Benzene
F317	F317 Storage Tank	Benzene
F338	F338 Storage Tank	Benzene
FUGCCU	FCCU Fugitives	Benzene
FUGCCUSCR	FCCU SCR Fugitives (5)	Benzene
FUGCOKER	Coke Handling Fugitives (5)	Benzene
FUGCR3	CR3 Fugitives (5)	Benzene
FUGCR3TF	Hydroprocessing Tank Farm Fugitives (5)	Benzene
FUGDHT	DHT Fugitives (5)	Benzene
FUGDISP	DISP Fugitives (5)	Benzene
FUGDOCK	Dock Fugitives (5)	Benzene
FUGDU1	DU1 Fugitives (5)	Benzene
FUGDU2	DU2 Fugitives (5)	Benzene
FUGDU2B	DU3 Fugitives (5)	Benzene
FUGENVN	Environmental North Fugitives (5)	Benzene
FUGGFRAC	GFRAC Fugitives (5)	Benzene
FUGGOHT	GOHT Fugitives (5)	Benzene
FUGGR	GR Fugitives (5)	Benzene
FUGHDU1	HDU1 Fugitives (5)	Benzene
FUGLHT2	LHT2 Fugitives (5)	Benzene
FUGPLAT2	PLAT2 Fugitives (5)	Benzene
FUGPSA	PSA Fugitives (5)	Benzene
FUGSGP	SGP Fugitives (5)	Benzene

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Emission Sources - Maximum Allowable Emission Rates

	T	, , , , , , , , , , , , , , , , , , ,	
FUGSHCU	SHCU Fugitives (5)	Benzene	
FUGTHCR	Thermal Cracking Fugitives (5)	Benzene	
G308	G308 Storage Tank	Benzene	
G309	G309 Storage Tank	Benzene	
G310	G310 Storage Tank	Benzene	
G311	G311 Storage Tank	Benzene	
G313	G313 Storage Tank	Benzene	
G315	G315 Storage Tank	Benzene	
G316	G316 Storage Tank	Benzene	
G320	G320 Storage Tank	Benzene	
G322	G322 Storage Tank	Benzene	
G323	G323 Storage Tank	Benzene	
G326	G326 Storage Tank	Benzene	
G327	G327 Storage Tank	Benzene	
G328	G328 Storage Tank	Benzene	
G329	G329 Storage Tank	Benzene	
G332	G332 Storage Tank	Benzene	
G342	G342 Storage Tank	Benzene	
G346	G346 Storage Tank	Benzene	
G348	G348 Storage Tank	Benzene	
G355	G355 Storage Tank	Benzene	
G356	G356 Storage Tank	Benzene	
G357	G357 Storage Tank	Benzene	
G358	G358 Storage Tank	Benzene	
G360	G360 Storage Tank	Benzene	
GIRBOTWW	WW Collection in Girbitol	Benzene	
HVIOWS	WW - Sewer HVI Oily Water	Benzene	
J303B	J303B Storage Tank	Benzene	
J304	J304 Storage Tank	Benzene	

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Emission Sources - Maximum Allowable Emission Rates

J308	J308 Storage Tank	Benzene
J309	J309 Storage Tank	Benzene
J311	J311 Storage Tank	Benzene
J312	J312 Storage Tank	Benzene
J315	J315 Storage Tank	Benzene
J316	J316 Storage Tank	Benzene
J317	J317 Storage Tank	Benzene
J320	J320 Storage Tank	Benzene
J322	J322 Storage Tank	Benzene
J323	J323 Storage Tank	Benzene
J324	J324 Storage Tank	Benzene
J326	J326 Storage Tank	Benzene
J327	J327 Storage Tank	Benzene
J328	J328 Storage Tank	Benzene
J336	J336 Storage Tank	Benzene
J337	J337 Storage Tank	Benzene
J338	J338 Storage Tank	Benzene
J348	J348 Storage Tank	Benzene
J349	J349 Storage Tank	Benzene
K303	K303 Storage Tank	Benzene
K304	K304 Storage Tank	Benzene
LEUOWS	WW - Sewer LEU Oily Water	Benzene
LHT10WS	WW - Sewer LHT1 Oily Water	Benzene
LHT2OWS	WW - Sewer LHT2 Oily Water	Benzene
LOADOWS	WW - Sewer Loading Racks	Benzene
MANHOLE4	WW - Manhole 4	Benzene
MVIDEASS	WW - Sewer DEA	Benzene
MVIOWS	WW - Sewer MVI Oily Water	Benzene
NAB	North Aeration Basin	Benzene

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Emission Sources - Maximum Allowable Emission Rates

NDAF	WW - North DAF Unit	Benzene
OWATCTF	WW - Alky Tank Farm Oily Water	Benzene
OWDU1	WW - Sewer Oily Water HUB	Benzene
S412	S412 Storage Tank	Benzene
SAB	South Aeration Basin	Benzene
SDAF	WW - South DAF Unit	Benzene
SR3/4WW	SR3/4 Wastewater Collection	Benzene
SS376	SS376 Storage Tank	Benzene
SS377	SS377 Storage Tank	Benzene
SS378	SS378 Storage Tank	Benzene
SS379	SS379 Storage Tank	Benzene
SS403	SS403 Storage Tank	Benzene
T1F323	T1F323 Storage Tank	Benzene
T1F324	T1F324 Storage Tank	Benzene
T1F329	T1F329 Storage Tank	Benzene
T1F330	T1F330 Storage Tank	Benzene
T301	T301 Storage Tank	Benzene
T302	T302 EXTFLT Refinery WW Storage Tank	Benzene
TA301	TA301 Storage Tank	Benzene
TA305	TA305 Storage Tank	Benzene
TA306	TA306 Storage Tank	Benzene
TA307	TA307 Storage Tank	Benzene
TA308	TA308 Storage Tank	Benzene
TA309	TA309 Storage Tank	Benzene
TA310	TA310 Storage Tank	Benzene
TA312	TA312 Storage Tank	Benzene
TA313	TA313 Storage Tank	Benzene
TA315	TA315 Storage Tank	Benzene
TA316	TA316 Storage Tank	Benzene

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Emission Sources - Maximum Allowable Emission Rates

TA317	TA317 Storage Tank	Benzene
TA318	TA318 Storage Tank	Benzene
TA319	TA319 Storage Tank	Benzene
TA320	TA320 Storage Tank	Benzene
TA321	TA321 Storage Tank	Benzene
TA322	TA322 Storage Tank	Benzene
TA324	TA324 Storage Tank	Benzene
TA325	TA325 Storage Tank	Benzene
TA326	TA326 Storage Tank	Benzene
TA329	TA329 Storage Tank	Benzene
TA330	TA330 Storage Tank	Benzene
TA331	TA331 Storage Tank	Benzene
TA332	TA332 Storage Tank	Benzene
TA334	TA334 Storage Tank	Benzene
TC and G	WW - Thermal Cracking and Gas Treating	Benzene
TG324	TG324 Storage Tank	Benzene
TG362	TG362 Storage Tank	Benzene
TJ333	TJ333 Storage Tank	Benzene
TJ334	TJ334 Storage Tank	Benzene
TJ335	TJ335 Storage Tank	Benzene
TJ339R1	TJ339R1 Storage Tank	Benzene
TK305	TK305 Storage Tank	Benzene
TRKLFIL	WW - Trickle Filter	Benzene
TRKLSMP	WW - Trickle Sump	Benzene
WAXPTOWS	WW - Sewer Wax Plant Oily Water	Benzene
WAXPTWAX	WW - Sewer Wax Plant Wax	Benzene
X311	INTFLT/Amine Solutions Storage Tank	Benzene
X312	INTFLT/Amine Solutions Storage Tank	Benzene
X313	INTFLT/Slop Oil Storage Tank	Benzene
		

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Emission Sources - Maximum Allowable Emission Rates

X315	Ballast Water Storage Tank	Benzene		
X316	WW - DAF Float	Benzene		
X320	Ballast Water O/S Storage Tank	Benzene		
X321	Slop Oil Storage Tank	Benzene		
X322	X322 Storage Tank	Benzene		
X323	X323 Storage Tank	Benzene		
X324	FXTNK2/Misc Organic Storage Tank	Benzene		
X325	FXTNK2/Misc Organic Storage Tank	Benzene		
X326	FXTNK2/DAF Float Storage Tank	Benzene		
X327	FXTNK2/DAF Float Storage Tank	Benzene		
X328	FXTNK2/Misc Organic Storage Tank	Benzene		
X330	WW - Equalization Tank	Benzene		
X330SM	WW - Sump	Benzene		
	FINAL EMISSIONS CAP	Benzene	10.94	30.28
A1006	H₂S 4 Point Analyzer	со		
A10823	CCU CO Analyzer	со		
A10824	CO Analyzer	СО		
A10825	O ₂ Analyzer	СО		
A10502	CCU SNCR NO _x /SO ₂ /O ₂ Analyzer	СО		
A162	H5301 O₂ Analyzer	СО		
A180	H5302 O₂ Analyzer	СО		
A236	H5305 O₂ Analyzer	СО		
A34160	CR-3 Furnaces CEMS Analyzer	СО		
A785	H5303 O₂ Analyzer	СО		
A786	H5304 O₂ Analyzer	СО		
AE2340	Octane Testing Engine	СО		
AE2636	Octane Testing Engine	СО		
AE2650	Octane Testing Engine	СО		
AE348	On-line Knock Engine	СО		
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Emission Sources - Maximum Allowable Emission Rates

AE349	On-line Knock Engine	СО
AE388	On-line Knock Engine	СО
AE389	On-line Knock Engine	СО
AE700	Octane Testing Engine	СО
AE768	Octane Testing Engine	СО
FLARECCU	CCU Flare	СО
FLARECOKE	Coker Flare	СО
FLAREEP	East Property Flare	СО
FLAREGIRB	EP (Girbitol) Flare	СО
FLARELHT	LHT Flare	СО
FLARENP	North Property Flare	СО
FLARESOUTH	South Property Flare	со
FLAREWP	West Property Flare	СО
H1000	PLAT2 Heater	со
H1001	Guard Bed Start-up Heater	со
H1010	HDU-1 Charge Heater	со
H1011	HDU-1 Reboiler Heater	со
H1100	DHT Heater	СО
H1170	CFH Charge Heater	СО
H31001/2	Coker Heaters No. 1 and 2	СО
H31003	Coker Heater No. 3	СО
H3300	DHT H₂ Heater	СО
H36100	CGHT Heater	СО
H5100	DU-2 South Crude Heater	СО
H5101	DU-2 North Crude Heater	СО
H5102	DU-2 South Flasher Charge Heater	СО
H5103	DU-2 North Flasher Charge Heater	СО
H5104	DU-2 Preflash Heater	СО
H5105	DU-2 Preflash2 Heater	СО
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Emission Sources - Maximum Allowable Emission Rates

	•	•	
HDU-2 Charge Heater	СО		
Catalytic Reformer SCR	СО		
SHCU South Charge Heater	СО		
SHCU Reboiler Heater	СО		
SHCU North Charge Heater	СО		
SHCU Post-Frac Heater	СО		
SGP Heat Medium Heater	СО		
DU-1 Secondary Pre-Heater	СО		
HVI Column Charge Heater	СО		
GOHT Recycle Gas and Frac. Reboiler Heaters	со		
PERC Heater - North Stack	СО		
PERC Heater - South Stack	СО		
Heater	СО		
SR-3/4 Incinerator	СО		
SR5 Tail Gas Incinerator	СО		
SR6 Tail Gas Incinerator	СО		
SR7 Tail Gas Incinerator	СО		
SR8 Tail Gas Incinerator	СО		
FINAL EMISSIONS CAP	СО	776.29	2615.63
Debut. Tops Analyzer	H ₂ S		
H₂S Analyzer	H ₂ S		
Storage Tank	H ₂ S		
Storage Tank	H₂S		
Marine Loading - Barge Docks	H ₂ S		
Marine Loading - Benzene Dock 1	H₂S		
Marine Loading - Benzene Dock 2	H₂S		
Marine Loading - Benzene Dock 4	H ₂ S		
WW - Sewer B Yard Oily Water	H ₂ S		
	Catalytic Reformer SCR SHCU South Charge Heater SHCU Reboiler Heater SHCU North Charge Heater SHCU Post-Frac Heater SGP Heat Medium Heater DU-1 Secondary Pre-Heater HVI Column Charge Heater GOHT Recycle Gas and Frac. Reboiler Heaters PERC Heater - North Stack PERC Heater - South Stack Heater SR-3/4 Incinerator SR5 Tail Gas Incinerator SR6 Tail Gas Incinerator SR7 Tail Gas Incinerator SR8 Tail Gas Incinerator FINAL EMISSIONS CAP Debut. Tops Analyzer H ₂ S Analyzer Storage Tank Storage Tank Marine Loading - Benzene Dock 2 Marine Loading - Benzene Dock 4	Catalytic Reformer SCR SHCU South Charge Heater CO SHCU Reboiler Heater CO SHCU North Charge Heater CO SHCU Post-Frac Heater CO SGP Heat Medium Heater CO DU-1 Secondary Pre-Heater CO GOHT Recycle Gas and Frac. Reboiler Heaters PERC Heater - North Stack CO PERC Heater - South Stack CO SR-3/4 Incinerator CO SR5 Tail Gas Incinerator CO SR6 Tail Gas Incinerator CO SR7 Tail Gas Incinerator CO SR8 Tail Gas Incinerator CO FINAL EMISSIONS CAP CO Debut. Tops Analyzer H ₂ S Storage Tank H ₂ S Storage Tank H ₂ S Marine Loading - Barge Docks H ₂ S Marine Loading - Benzene Dock 1 H ₂ S Marine Loading - Benzene Dock 2 H ₂ S Marine Loading - Benzene Dock 4 H ₂ S	Catalytic Reformer SCR SHCU South Charge Heater CO SHCU Reboiler Heater CO SHCU North Charge Heater CO SHCU North Charge Heater CO SHCU Post-Frac Heater CO SGP Heat Medium Heater CO DU-1 Secondary Pre-Heater CO HVI Column Charge Heater CO GOHT Recycle Gas and Frac. Reboiler Heaters PERC Heater - North Stack CO PERC Heater - South Stack CO SR-3/4 Incinerator CO SR5-3/4 Incinerator CO SR6 Tail Gas Incinerator CO SR7 Tail Gas Incinerator CO SR8 Tail Gas Incinerator CO FINAL EMISSIONS CAP Debut. Tops Analyzer H₂S Storage Tank H₂S Marine Loading - Benzene Dock 2 Marine Loading - Benzene Dock 4 Marine Loading - Benzene Dock 4

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Emission Sources - Maximum Allowable Emission Rates

	T	
C9150/51	C9150/51 Vent	H ₂ S
C9152/53	C9152/53 Vent	H ₂ S
CRUDE	Marine Loading - Crude Docks	H₂S
DOCK1	Marine Loading - Dock 1	H₂S
DOCK2	Marine Loading - Dock 2	H₂S
DOCK4	Marine Loading - Dock 4	H₂S
F338	F338 Storage Tank	H₂S
FLARECCU	CCU Flare	H₂S
FLARECOKE	Coker Flare	H ₂ S
FLAREEP	East Property Flare	H ₂ S
FLAREGIRB	EP (Girbitol) Flare	H ₂ S
FLARELHT	LHT Flare	H ₂ S
FLARENP	North Property Flare	H ₂ S
FLARESOUTH	South Property Flare	H ₂ S
FLAREWP	West Property Flare	H ₂ S
FUGALKY	Alky Fugitives (5)	H ₂ S
FUGAYARD	Fugitives (5)	H ₂ S
FUGCCU	FCCU Fugitives (5)	H ₂ S
FUGCFH	CFH Fugitives (5)	H ₂ S
FUGCOKER	Coke Handling Fugitives (5)	H ₂ S
FUGCPU	CPU Fugitives (5)	H ₂ S
FUGCR3	CR3 Fugitives (5)	H ₂ S
FUGCR3TF	Hydroprocessing Tank Farm Fugitives (5)	H ₂ S
FUGDHT	DHT Fugitives (5)	H ₂ S
FUGDISP	DISP Fugitives (5)	H ₂ S
FUGDU1	DU1 Fugitives (5)	H ₂ S
FUGDU2	DU2 Fugitives (5)	H ₂ S
FUGGFRAC	GFRAC Fugitives (5)	H ₂ S
FUGGIRBIT	Girbitol Fugitives (5)	H ₂ S

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Emission Sources - Maximum Allowable Emission Rates

FUGGOHT	GOHT Fugitives (5)	H ₂ S
FUGGR	GR Fugitives (5)	H₂S
FUGHDU1	DU1 Fugitives (5)	H ₂ S
FUGLHT2	LHT2 Fugitives (5)	H ₂ S
FUGPLAT2	PLAT2 Fugitives (5)	H ₂ S
FUGSGP	SGP Fugitives (5)	H ₂ S
FUGSHCU	SHCU Fugitives (5)	H₂S
FUGSR5	SR5 Fugitives (5)	H₂S
FUGSR6	SR6 Fugitives (5)	H ₂ S
FUGSR7	SR7 Fugitives (5)	H₂S
FUGSR8	SR8 Fugitives (5)	H ₂ S
FUGTHCR	Thermal Cracking Fugitives (5)	H ₂ S
G332	G332 Storage Tank	H₂S
J317	J317 Storage Tank	H₂S
J318B	J318B Storage Tank	H ₂ S
J325	J325 Storage Tank	H ₂ S
J326	J326 Storage Tank	H ₂ S
J327	J327 Storage Tank	H₂S
J328	J328 Storage Tank	H₂S
J331	J331 Storage Tank	H₂S
J332	J332 Storage Tank	H₂S
J348	J348 Storage Tank	H₂S
J349	J349 Storage Tank	H₂S
L2COMPVT	L2COMPVT Vent	H₂S
LDSULF67	SR6 and SR7 Loading Rack	H₂S
LHT10WS	WW - Sewer LHT1 Oily Water	H₂S
LHT2OWS	WW - Sewer LHT2 Oily Water	H₂S
MVIDEASS	WW - Sewer DEA	H₂S
RKLTC/TT	Load	H ₂ S

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Emission Sources - Maximum Allowable Emission Rates

	T	
S429	S429 Storage Tank	H ₂ S
SR3/4PIT	SR3/4 Sulfur Pit	H ₂ S
SR3/4STACK	SR-3/4 Incinerator	H ₂ S
SR5L01	SR5 Loading Rack	H ₂ S
SR5L02	SR5 Loading Rack	H ₂ S
SR5STACK	SR5 Tail Gas Incinerator	H ₂ S
SR6STACK	SR6 Tail Gas Incinerator	H ₂ S
SR7STACK	SR7 Tail Gas Incinerator	H ₂ S
SR8STACK	SR8 Tail Gas Incinerator	H ₂ S
SRTT	SR3/4 Loading Rack	H ₂ S
SS343	SS343 Storage Tank	H ₂ S
SULFUR	SR5 Sulfur Pit	H ₂ S
TA301	TA301 Storage Tank	H ₂ S
TA305	TA305 Storage Tank	H ₂ S
TA306	TA306 Storage Tank	H₂S
TA307	TA307 Storage Tank	H ₂ S
TA310	TA310 Storage Tank	H₂S
TA312	TA312 Storage Tank	H₂S
TA313	TA313 Storage Tank	H₂S
TA315	TA315 Storage Tank	H₂S
TA316	TA316 Storage Tank	H₂S
TA317	TA317 Storage Tank	H₂S
TA318	TA318 Storage Tank	H ₂ S
TA319	TA319 Storage Tank	H ₂ S
TA320	TA320 Storage Tank	H ₂ S
TA321	TA321 Storage Tank	H ₂ S
TA322	TA322 Storage Tank	H ₂ S
TA324	TA324 Storage Tank	H ₂ S
TA325	TA325 Storage Tank	H ₂ S
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Emission Sources - Maximum Allowable Emission Rates

TA326	TA326 Storage Tank	H ₂ S		
TA329	TA329 Storage Tank	H ₂ S		
TA330	TA330 Storage Tank	H ₂ S		
TA331	TA331 Storage Tank	H ₂ S		
TA332	TA332 Storage Tank	H ₂ S		
TA334	TA334 Storage Tank	H ₂ S		
TG324	TG324 Storage Tank	H ₂ S		
TG362	TG362 Storage Tank	H ₂ S		
TJ339R1	TJ339R1 Storage Tank	H ₂ S		
TSR67	Molten Sulfur Tank	H ₂ S		
VA03	VA03 Storage Tank	H ₂ S		
VA04	VA04 Storage Tank	H₂S		
X313	INTFLT/Slop Oil Storage Tank	H ₂ S		
	FINAL EMISSIONS CAP	H ₂ S	29.61	85.77
AYARDOWS	WW - Sewer A Yard Oily Water	NH ₃		
BYARDOWS	WW - Sewer B Yard Oily Water	NH ₃		
CCLP	WW - Cat Cracker Lube Plant	NH ₃		
CPI1	WW- CPI Oil Water Separator	NH ₃		
CPI2	WW- CPI Oil Water Separator	NH ₃		
CYARDOWS	Wastewater Fugitives (5)	NH ₃		
DAOWS	WW - Sewer DA Oily Water	NH ₃		
DD2	WW - Dispatching Distilling 2	NH ₃		
DOCKS	Dock Wastewater Collection	NH ₃		
DYARDOWS	WW - Sewer D Yard Oily Water	NH ₃		
FUGCCU	FCCU Fugitives (5)	NH ₃		
FUGCCUSCR	FCCU SCR Fugitives (5)	NH ₃		
FUGCOKER	Coke Handling Fugitives (5)	NH ₃		
FUGCR3SCR	CR3 SCR Fugitives (5)	NH ₃		
FUGDHT	DHT Fugitives (5)	NH ₃		
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Emission Sources - Maximum Allowable Emission Rates

FUGDISP	DISP Fugitives (5)	NH ₃
FUGDOCK	Dock Fugitives (5)	NH ₃
FUGDU2	DU2 Fugitives (5)	NH ₃
FUGHDU1	DU1 Fugitives (5)	NH ₃
FUGSR6	SR6 Fugitives (5)	NH ₃
FUGSR7	SR7 Fugitives (5)	NH ₃
FUGSR8	SR8 Fugitives (5)	NH ₃
GIRBOTWW	WW Collection in Girbitol	NH ₃
H53NN	Catalytic Reformer SCR	NH ₃
J318B	J318B Storage Tank	NH ₃
LEUOWS	WW - Sewer LEU Oily Water	NH ₃
LHT10WS	WW - Sewer LHT1 Oily Water	NH ₃
LHT2OWS	WW - Sewer LHT2 Oily Water	NH ₃
LOADOWS	WW - Sewer Loading Racks	NH ₃
MANHOLE4	WW - Manhole 4	NH ₃
MVIDEASS	WW - Sewer DEA	NH ₃
MVIOWS	WW - Sewer MVI Oily Water	NH ₃
NAB	North Aeration Basin	NH ₃
NDAF	WW - North DAF Unit	NH ₃
OWDU1	WW - Sewer Oily Water HUB	NH ₃
S429	S429 Storage Tank	NH ₃
SAB	South Aeration Basin	NH ₃
SDAF	WW - South DAF Unit	NH ₃
SR3/4WW	SR3/4 Wastewater Collection	NH ₃
T301	T301 Storage Tank	NH ₃
T302	T302 EXTFLT Refinery WW Storage Tank	NH ₃
TC and G	WW - Thermal Cracking and Gas Treating	NH ₃
TRKLFIL	WW - Trickle Filter	NH ₃
TRKLSMP	WW - Trickle Sump	NH ₃

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Emission Sources - Maximum Allowable Emission Rates

WAXPTOWS	WW - Sewer Wax Plant Oily Water	NH ₃		
WAXPTWAX	WW - Sewer Wax Plant Wax	NH ₃		
X311	INTFLT/Amine Solutions Storage Tank	NH ₃		
X312	INTFLT/Amine Solutions Storage Tank	NH ₃		
X316	WW - DAF Float	NH ₃		
X330	WW - Equalization Tank	NH ₃		
X330SM	WW - Sump	NH ₃		
	FINAL EMISSIONS CAP	NH ₃	5.44	23.74
A10823	CCU CO Analyzer	NO _x		
A10824	CO Analyzer	NO _x		
A10825	O ₂ Analyzer	NO _x		
A10502	CCU SNCR NO _x /SO ₂ /O ₂ Analyzer	NO _x		
A162	H5301 O₂ Analyzer	NO _x		
A180	H5302 O₂ Analyzer	NO _x		
A236	H5305 O₂ Analyzer	NO _x		
A34160	CR-3 Furnaces CEMS Analyzer	NO _x		
A785	H5303 O₂ Analyzer	NO _x		
A786	H5304 O₂ Analyzer	NO _x		
AE2340	Octane Testing Engine	NO _x		
AE2636	Octane Testing Engine	NO _x		
AE2650	Octane Testing Engine	NO _x		
AE348	On-line Knock Engine	NO _x		
AE349	On-line Knock Engine	NO _x		
AE388	On-line Knock Engine	NO _x		
AE389	On-line Knock Engine	NO _x		
AE700	Octane Testing Engine	NO _x		
AE768	Octane Testing Engine	NO _x		
FLARECCU	CCU Flare	NO _x		
FLARECOKE	Coker Flare	NO _x		

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Emission Sources - Maximum Allowable Emission Rates

FLAREEP	East Property Flare	L N I C	
1	Last i roperty i laic	NO _x	
FLAREGIRB	EP (Girbitol) Flare	NO _x	
FLARELHT	LHT Flare	NO _x	
FLARENP	North Property Flare	NO _x	
FLARESOUTH	South Property Flare	NO _x	
FLAREWP	West Property Flare	NO _x	
H1000	PLAT2 Heater	NO _x	
H1001	Guard Bed Start-up Heater	NO _x	
H1010	HDU-1 Charge Heater	NO _x	
H1011	HDU-1 Reboiler Heater	NO _x	
H1100	DHT Heater	NO _x	
H1170	CFH Charge Heater	NO _x	
H31001/2	Coker Heaters No. 1 and 2	NO _x	
H31003	Coker Heater No. 3	NO _x	
H3300	DHT H₂ Heater	NO _x	
H36100	CGHT Heater	NO _x	
H5100	DU-2 South Crude Heater	NO _x	
H5101	DU-2 North Crude Heater	NO _x	
H5102	DU-2 South Flasher Charge Heater	NO _x	
H5103	DU-2 North Flasher Charge Heater	NO _x	
H5104	DU-2 Preflash Heater	NO _x	
H5105	DU-2 Preflash2 Heater	NO _x	
H5200	HDU-2 Charge Heater	NO _x	
H53NN	Catalytic Reformer SCR	NO _x	
H5400	SHCU South Charge Heater	NO _x	
H5402	SHCU Reboiler Heater	NO _x	
H5403	SHCU North Charge Heater	NO _x	
H5404	SHCU Post-Frac Heater	NO _x	
H5600	SGP Heat Medium Heater	NO _x	

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Emission Sources - Maximum Allowable Emission Rates

H613	DU-1 Secondary Pre-Heater	NO _x		
H63000	HVI Column Charge Heater	NO _x		
H70001/2	GOHT Recycle Gas and Frac. Reboiler Heaters	NO _x		
H850S1	PERC Heater - North Stack	NO _x		
H850S2	PERC Heater - South Stack	NO _x		
H9150R1	Heater	NO _x		
SR3/4STACK	SR-3/4 Incinerator	NO _x		
SR5STACK	SR5 Tail Gas Incinerator	NO _x		
SR6STACK	SR6 Tail Gas Incinerator	NO _x		
SR7STACK	SR7 Tail Gas Incinerator	NO _x		
SR8STACK	SR8 Tail Gas Incinerator	NO _x		
	FINAL EMISSIONS CAP	NO _x	425.29	1499.13
A10823	CCU CO Analyzer	PM		
A10824	CO Analyzer	PM		
A10825	O ₂ Analyzer	PM		
A10502	CCU SNCR NO _x /SO ₂ /O ₂ Analyzer	PM		
A162	H5301 O₂ Analyzer	PM		
A180	H5302 O₂ Analyzer	PM		
A236	H5305 O₂ Analyzer	РМ		
A34160	CR-3 Furnaces CEMS Analyzer	PM		
A785	H5303 O₂ Analyzer	PM		
A786	H5304 O₂ Analyzer	PM		
AE2340	Octane Testing Engine	PM		
AE2636	Octane Testing Engine	PM		
AE2650	Octane Testing Engine	PM		
AE348	On-line Knock Engine	PM		
AE349	On-line Knock Engine	PM		
AE388	On-line Knock Engine	PM		
		•		•

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Emission Sources - Maximum Allowable Emission Rates

AE389 C		l l
AL369	On-line Knock Engine	PM
AE700 C	Octane Testing Engine	PM
CWT10 C	Cooling Tower No.10	PM
CWT11 C	Cooling Tower No.11	PM
CWT12 C	Cooling Tower No.12	PM
CWT14 C	Cooling Tower No.14	PM
CWT15	Cooling Tower No.15	PM
CWT16/16A C	Cooling Tower No.16/16A	PM
CWT17 C	Cooling Tower No.17	PM
CWT6 C	Cooling Tower No.6	PM
CWT7 C	Cooling Tower No.7	PM
CWT8 C	Cooling Tower No.8	PM
CWT9 C	Cooling Tower No.9	PM
FUGCOKEPM1 C	Coke Pile Wind Erosion Fugitives (5)	PM
FUGCOKEPM1 C	Coke Pile 2 Fugitives (5)	PM
FUGCOKEPM2 C	Coke Pile Crane Fugitives (5)	PM
FUGCOKEPM3 C	Coke Crusher Fugitives (5)	PM
FUGCOKEPM4 C	Coke Crusher Discharge Fugitives (5)	PM
FUGCOKEPM5 C	Coke Transfer Conveyor Fugitives (5)	PM
FUGCOKEPM6 C	Coke Conveyor Discharge Fugitives (5)	PM
FUGCOKEPM7 C	Coke Barge Loading Fugitives (5)	PM
H1000 P	PLAT2 Heater	PM
H1001 G	Guard Bed Start-up Heater	PM
H1010 H	IDU-1 Charge Heater	PM
H1011 H	IDU-1 Reboiler Heater	PM
H1100 D	OHT Heater	PM
H1170 C	CFH Charge Heater	PM
H31001/2	Coker Heaters No. 1 and 2	PM

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Emission Sources - Maximum Allowable Emission Rates

H31003	Coker Heater No. 3	PM
H3300	DHT H ₂ Heater	PM
H36100	CGHT Heater	PM
H5100	DU-2 South Crude Heater	PM
H5101	DU-2 North Crude Heater	PM
H5102	DU-2 South Flasher Charge Heater	PM
H5103	DU-2 North Flasher Charge Heater	PM
H5104	DU-2 Preflash Heater	PM
H5105	DU-2 Preflash2 Heater	PM
H5200	HDU-2 Charge Heater	PM
H53NN	Catalytic Reformer SCR	PM
H5400	SHCU South Charge Heater	PM
H5402	SHCU Reboiler Heater	PM
H5403	SHCU North Charge Heater	PM
H5404	SHCU Post-Frac Heater	PM
H5600	SGP Heat Medium Heater	PM
H613	DU-1 Secondary Pre-Heater	PM
H63000	HVI Column Charge Heater	PM
H70001/2	GOHT Recycle Gas and Frac. Reboiler Heaters	PM
H850S1	PERC Heater - North Stack	PM
H850S2	PERC Heater - South Stack	PM
H9150R1	Heater	PM
PAINTFE	Miscellaneous Painting Fugitives (5)	PM
SR3/4STACK	SR-3/4 Incinerator	PM
SR5STACK	SR5 Tail Gas Incinerator	PM
SR6STACK	SR6 Tail Gas Incinerator	PM
SR7STACK	SR7 Tail Gas Incinerator	PM
SR8STACK	SR8 Tail Gas Incinerator	PM

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Emission Sources - Maximum Allowable Emission Rates

	FINAL EMISSIONS CAP	PM	68.62	226.29
A1745	SR-3/4 SO ₂ CEMS Analyzer	SO ₂		
A10823	CCU CO Analyzer	SO ₂		
A10824	CO Analyzer	SO ₂		
A10825	O ₂ Analyzer	SO ₂		
A10502	CCU SNCR NO _x /SO ₂ /O ₂ Analyzer	SO ₂		
A162	H5301 O₂ Analyzer	SO ₂		
A180	H5302 O₂ Analyzer	SO ₂		
A236	H5305 O₂ Analyzer	SO ₂		
A34160	CR-3 Furnaces CEMS Analyzer	SO ₂		
A785	H5303 O₂ Analyzer	SO ₂		
A786	H5304 O₂ Analyzer	SO ₂		
AE2340	Octane Testing Engine	SO ₂		
AE2636	Octane Testing Engine	SO ₂		
AE2650	Octane Testing Engine	SO ₂		
AE348	On-line Knock Engine	SO ₂		
AE349	On-line Knock Engine	SO ₂		
AE388	On-line Knock Engine	SO ₂		
AE389	On-line Knock Engine	SO ₂		
AE700	Octane Testing Engine	SO ₂		
FLARECOKE	Coker Flare	SO ₂		
FLAREEP	East Property Flare	SO ₂		
FLAREGIRB	EP (Girbitol) Flare	SO ₂		
FLARELHT	LHT Flare	SO ₂		
FLARENP	North Property Flare	SO ₂		
FLARESOUTH	South Property Flare	SO ₂		
FLAREWP	West Property Flare	SO ₂		
H1000	PLAT2 Heater	SO ₂		
H1001	Guard Bed Start-up Heater	SO ₂		

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Emission Sources - Maximum Allowable Emission Rates

H1010	HDU-1 Charge Heater	SO ₂
H1011	HDU-1 Reboiler Heater	SO ₂
H1100	DHT Heater	SO ₂
H1170	CFH Charge Heater	SO ₂
H31001/2	Coker Heaters No. 1 and 2	SO ₂
H31003	Coker Heater No. 3	SO ₂
H3300	DHT H ₂ Heater	SO ₂
H36100	CGHT Heater	SO ₂
H5100	DU-2 South Crude Heater	SO ₂
H5101	DU-2 North Crude Heater	SO ₂
H5102	DU-2 South Flasher Charge Heater	SO ₂
H5103	DU-2 North Flasher Charge Heater	SO ₂
H5104	DU-2 Preflash Heater	SO ₂
H5105	DU-2 Preflash2 Heater	SO ₂
H5200	HDU-2 Charge Heater	SO ₂
H53NN	Catalytic Reformer SCR	SO ₂
H5400	SHCU South Charge Heater	SO ₂
H5402	SHCU Reboiler Heater	SO ₂
H5403	SHCU North Charge Heater	SO ₂
H5404	SHCU Post-Frac Heater	SO ₂
H5600	SGP Heat Medium Heater	SO ₂
H613	DU-1 Secondary Pre-Heater	SO ₂
H63000	HVI Column Charge Heater	SO ₂
H70001/2	GOHT Recycle Gas and Frac.Reboiler Heaters	SO ₂
H850S1	PERC Heater - North Stack	SO ₂
H850S2	PERC Heater - South Stack	SO ₂
H9150R1	Heater	SO ₂
SR3/4STACK	SR-3/4 Incinerator	SO ₂

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Emission Sources - Maximum Allowable Emission Rates

SR5STACK	SR5 Tail Gas Incinerator	SO ₂		
SR6STACK	SR6 Tail Gas Incinerator	SO ₂		
SR7STACK	SR7 Tail Gas Incinerator	SO ₂		
SR8STACK	SR8 Tail Gas Incinerator	SO ₂		
	FINAL EMISSIONS CAP	SO ₂	2050.19	5234.96
A1006	H₂S 4 Point Analyzer	VOC		
A102	Analyzer	VOC		
A1284	Analyzer	VOC		
A1745	SR3/4 SO₂ CEMS Analyzer	VOC		
A1760	Analyzer	VOC		
A213	CR3 Recycle Gas SG Analyzer	VOC		
A214	CR3 Recycle Gas Moisture Analyzer	VOC		
A298	CR3 Regen Gas O₂ Analyzer	VOC		
A300	CR3 Regen Gas Comb. Analyzer	VOC		
A329	CR3 Reactor Inlet O₂ Analyzer	VOC		
A553	Plat2 Rec. Gas Moisture Analyzer	VOC		
A554	Plat2 Rec. Gas Gravity Analyzer	VOC		
A10823	CCU CO Analyzer	VOC		
A10824	CO Analyzer	VOC		
A10825	O₂ Analyzer	VOC		
A1301	PSA Product H ₂ Analyzer	VOC		
A1905/6	A 1905/6 Analyzer	VOC		
A89128	Tank SS307 Blanket O₂ Analyzer	VOC		
A842	Tank SS314 Blanket O₂ Analyzer	VOC		
A10502	CCU SNCR NO _x /SO ₂ /O ₂ Analyzer	VOC		
A162	H5301 O₂ Analyzer	VOC		
A180	H5302 O₂ Analyzer	VOC		
A236	H5305 O₂ Analyzer	VOC		
A34160	CR-3 Furnaces CEMS Analyzer	VOC		

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Emission Sources - Maximum Allowable Emission Rates

A785	H5303 O ₂ Analyzer	VOC
A786	H5304 O ₂ Analyzer	voc
AE2340	Octane Testing Engine	VOC
AE2636	Octane Testing Engine	VOC
AE2650	Octane Testing Engine	voc
AE348	On-line Knock Engine	voc
AE349	On-line Knock Engine	VOC
AE388	On-line Knock Engine	voc
AE389	On-line Knock Engine	VOC
AE700	Octane Testing Engine	voc
AE768	Octane Testing Engine	VOC
AP1	AP1 Storage Tank	VOC
AP16	AP16 Storage Tank	VOC
AP17	AP17 Storage Tank	voc
AP2	AP2 Storage Tank	VOC
AP4	AP4 Storage Tank	VOC
AP5	AP5 Storage Tank	VOC
AP6	AP6 Storage Tank	VOC
AP7	AP7 Storage Tank	voc
AP8	AP8 Storage Tank	voc
AYARDOWS	WW - Sewer A Yard Oily Water	voc
BARGE	Marine Loading - Barge Docks	voc
BENZENE1	Marine Loading - Benzene Dock 1	voc
BENZENE2	Marine Loading - Benzene Dock 2	VOC
BENZENE4	Marine Loading - Benzene Dock 4	VOC
BYARDOWS	WW - Sewer B Yard Oily Water	VOC
C9150/51	C9150/51 Vent	VOC
C9152/53	C9152/53 Vent	VOC
CCLP	WW - Cat Cracker Lube Plant	VOC

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Emission Sources - Maximum Allowable Emission Rates

CPI1	WW- CPI Oil Water Separator	VOC	
CPI2	WW- CPI Oil Water Separator	voc	
CRUDE	Marine Loading - Crude Docks	VOC	
CWT10	Cooling Tower No. 10	voc	
CWT11	Cooling Tower No. 11	voc	
CWT12	Cooling Tower No. 12	VOC	
CWT14	Cooling Tower No. 14	voc	
CWT15	Cooling Tower No. 15	VOC	
CWT16/16A	Cooling Tower No. 16/16A	VOC	
CWT17	Cooling Tower No. 17	VOC	
CWT6	Cooling Tower No. 6	VOC	
CWT7	Cooling Tower No. 7	voc	
CWT8	Cooling Tower No. 8	voc	
CWT9	Cooling Tower No. 9	voc	
CYARDOWS	Wastewater Fugitives (5)	voc	
D363	FTXNK2/ANTIICANT Storage Tank	voc	
DAOWS	WW - Sewer DA Oily Water	voc	
DD2	WW - Dispatching Distilling 2	voc	
DOCK1	Marine Loading - Dock 1	voc	
DOCK2	Marine Loading - Dock 2	voc	
DOCK4	Marine Loading - Dock 4	voc	
DOCKS	Dock Wastewater Collection	voc	
DW103	DW103 Storage Tank	voc	
DW104	DW104 Storage Tank	voc	
DYARDOWS	WW - Sewer D Yard Oily Water	voc	
F314	F314 Storage Tank	voc	
F315	F315 Storage Tank	voc	
F316	F316 Storage Tank	voc	
F317	F317 Storage Tank	voc	

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Emission Sources - Maximum Allowable Emission Rates

F325	F325 Storage Tank	voc
F326	F326 Storage Tank	VOC
F338	F338 Storage Tank	VOC
F364	F364 Storage Tank	VOC
F365	F365 Storage Tank	VOC
F366	F366 Storage Tank	VOC
F367	F367 Storage Tank	VOC
FLARECCU	CCU Flare	VOC
FLARECOKE	Coker Flare	VOC
FLAREEP	East Property Flare	VOC
FLAREGIRB	EP (Girbitol) Flare	VOC
FLARELHT	LHT Flare	VOC
FLARENP	North Property Flare	VOC
FLARESOUTH	South Property Flare	VOC
FLAREWP	West Property Flare	voc
FP182	FP182 Storage Tank	VOC
FP190	FP190 Storage Tank	VOC
FP194	FP194 Storage Tank	VOC
FP195	FP195 Storage Tank	VOC
FP200	FP200 Storage Tank	VOC
FUGALKY	Alky Fugitives (5)	VOC
FUGAYARD	Fugitives (5)	VOC
FUGCCU	FCCU Fugitives (5)	VOC
FUGCFH	CFH Fugitives (5)	VOC
FUGCGHT	CGHT Fugitives (5)	VOC
FUGCOKER	Coke Handling Fugitives (5)	VOC
FUGCPU	CPU Fugitives (5)	VOC
FUGCR3	CR3 Fugitives (5)	VOC
FUGCR3TF	Hydroprocessing Tank Farm Fugitives (5)	VOC

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Emission Sources - Maximum Allowable Emission Rates

	0 ()	VOC
FUGDISP DISI	SP Fugitive	
	i agiavo	VOC
FUGDOCK Doc	ck Fugitives (5)	VOC
FUGDU1 DU1	1 Fugitives (5)	VOC
FUGDU2 DU2	2 Fugitives (5)	VOC
FUGDU2B DU3	3 Fugitives (5)	VOC
FUGENVN Env	vironmental North Fugitives (5)	VOC
FUGGASTR GAS	STR Fugitives (5)	VOC
FUGGFRAC GFF	RAC Fugitives (5)	VOC
FUGGIRBIT Girb	pitol Fugitives (5)	VOC
FUGGOHT GO	HT Fugitives (5)	VOC
FUGGR GR	Fugitives (5)	VOC
FUGGR200 GR2	200 Fugitives (5)	VOC
FUGHDU1 HDU	U1 Fugitives (5)	VOC
FUGLHT2 LHT	Γ2 Fugitives (5)	VOC
FUGMTBE MTE	BE Fugitives (5)	VOC
FUGPLAT2 PLA	AT2 Fugitives (5)	VOC
FUGPOSTFRA C	STFRAC Fugitives (5)	VOC
FUGPSA PSA	A Fugitives (5)	VOC
FUGSGP SGF	P Fugitives (5)	VOC
FUGSHCU SHO	CU Fugitives (5)	VOC
FUGSR3/4 SR3	3/4 Fugitives (5)	VOC
FUGSR5 SR5	5 Fugitives (5)	VOC
FUGSR6 SR6	6 Fugitives (5)	VOC
FUGSR7 SR7	7 Fugitives (5)	VOC
FUGSR8 SR8	8 Fugitives (5)	VOC
FUGTHCR The	ermal Cracking Fugitives (5)	VOC
FUGWBT Wes	st Blend Tank Fugitives (5)	VOC

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Emission Sources - Maximum Allowable Emission Rates

G308	G308 Storage Tank	voc
G309	G309 Storage Tank	VOC
G310	G310 Storage Tank	voc
G311	G311 Storage Tank	VOC
G313	G313 Storage Tank	VOC
G314	G314 Storage Tank	VOC
G315	G315 Storage Tank	VOC
G316	G316 Storage Tank	voc
G317	G317 Storage Tank	voc
G319	G319 Storage Tank	voc
G320	G320 Storage Tank	voc
G322	G322 Storage Tank	voc
G323	G323 Storage Tank	voc
G326	G326 Storage Tank	voc
G327	G327 Storage Tank	voc
G328	G328 Storage Tank	voc
G329	G329 Storage Tank	VOC
G332	G332 Storage Tank	voc
G342	G342 Storage Tank	voc
G345	G345 Storage Tank	voc
G346	G346 Storage Tank	voc
G347	G347 Storage Tank	voc
G348	G348 Storage Tank	voc
G352	G352 Storage Tank	voc
G354	G354 Storage Tank	VOC
G355	G355 Storage Tank	VOC
G356	G356 Storage Tank	VOC
G357	G357 Storage Tank	VOC
G358	G358 Storage Tank	voc
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Emission Sources - Maximum Allowable Emission Rates

G360	G360 Storage Tank	VOC
G361	G361 Storage Tank	VOC
GIRBOTWW	WW Collection in Girbitol	VOC
H1000	PLAT2 Heater	VOC
H1001	Guard Bed Start-up Heater	VOC
H1010	HDU-1 Charge Heater	VOC
H1011	HDU-1 Reboiler Heater	VOC
H1100	DHT Heater	VOC
H1170	CFH Charge Heater	VOC
H31001/2	Coker Heaters No. 1 and 2	VOC
H31003	Coker Heater No. 3	VOC
H3300	DHT H₂ Heater	VOC
H36100	CGHT Heater	VOC
H5100	DU-2 South Crude Heater	VOC
H5101	DU-2 North Crude Heater	VOC
H5102	DU-2 South Flasher Charge Heater	VOC
H5103	DU-2 North Flasher Charge Heater	VOC
H5104	DU-2 Preflash Heater	VOC
H5105	DU-2 Preflash2 Heater	VOC
H5200	HDU-2 Charge Heater	VOC
H53NN	Catalytic Reformer SCR	VOC
H5400	SHCU South Charge Heater	VOC
H5402	SHCU Reboiler Heater	VOC
H5403	SHCU North Charge Heater	VOC
H5404	SHCU Post-Frac Heater	VOC
H5600	SGP Heat Medium Heater	VOC
H613	DU-1 Secondary Pre-Heater	VOC
H63000	HVI Column Charge Heater	VOC
H70001/2 Project Number: 24904	GOHT Recycle Gas and Frac. Reboiler	VOC
Projectivumber: 24904	+O	

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Emission Sources - Maximum Allowable Emission Rates

	Heaters		
H850S1	PERC Heater - North Stack	VOC	
H850S2	PERC Heater - South Stack	VOC	
H9150R1	Heater	VOC	
HVIOWS	WW - Sewer HVI Oily Water	VOC	
J301B	J301B Storage Tank	VOC	
J302B	J302B Storage Tank	VOC	
J303B	J303B Storage Tank	VOC	
J304	J304 Storage Tank	VOC	
J305B	J305B Storage Tank	VOC	
J306	J306 Storage Tank	VOC	
J308	J308 Storage Tank	VOC	
J309	J309 Storage Tank	VOC	
J311	J311 Storage Tank	VOC	
J312	J312 Storage Tank	VOC	
J315	J315 Storage Tank	VOC	
J316	J316 Storage Tank	VOC	
J317	J317 Storage Tank	VOC	
J318B	J318B Storage Tank	VOC	
J320	J320 Storage Tank	VOC	
J322	J322 Storage Tank	VOC	
J323	J323 Storage Tank	VOC	
J324	J324 Storage Tank	VOC	
J325	J325 Storage Tank	VOC	
J326	J326 Storage Tank	VOC	
J327	J327 Storage Tank	VOC	
J328	J328 Storage Tank	VOC	
J329	J329 Storage Tank	VOC	
J330	J330 Storage Tank	VOC	

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Emission Sources - Maximum Allowable Emission Rates

J331	J331 Storage Tank	VOC
J332	J332 Storage Tank	VOC
J336	J336 Storage Tank	VOC
J337	J337 Storage Tank	VOC
J338	J338 Storage Tank	VOC
J340	J340 Storage Tank	VOC
J348	J348 Storage Tank	VOC
J349	J349 Storage Tank	VOC
K301	K301 Storage Tank	VOC
K302	K302 Storage Tank	VOC
K303	K303 Storage Tank	VOC
K304	K304 Storage Tank	VOC
K306	K306 Storage Tank	VOC
K310	K310 Storage Tank	VOC
K311	K311 Storage Tank	voc
L2COMPVT	L2COMPVT Vent	voc
LEUOWS	WW - Sewer LEU Oily Water	VOC
LHT10WS	WW - Sewer LHT1 Oily Water	VOC
LHT2OWS	WW - Sewer LHT2 Oily Water	VOC
LOADOWS	WW - Sewer Loading Racks	VOC
M301	Marine Fuel Oil Storage Tank	VOC
M302	Marine Diesel Storage Tank	VOC
MANHOLE4	WW - Manhole 4	VOC
MVIDEASS	WW - Sewer DEA	VOC
MVIOWS	WW - Sewer MVI Oily Water	VOC
N92252	X4HDU1 Storage Tank	VOC
NAB	North Aeration Basin	VOC
NDAF	WW - North DAF Unit	VOC
NONE2	FXTNK2/Amine Neutralizer Storage Tank	voc

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Emission Sources - Maximum Allowable Emission Rates

NONE3	FXTNK2/Filmer Storage Tank	VOC
OWATCTF	WW - Alky Tank Farm Oily Water	VOC
OWDU1	WW - Sewer Oily Water HUB	VOC
OWFLEX	Wastewater Collection System	VOC
PAINTFE	Miscellaneous Painting Fugitives (5)	VOC
RKLBLEND	Load	VOC
RKLDIALA	Load	VOC
RKLTC	Load	VOC
RKLTC/TT	Load	VOC
RKLTCTTU	Load	VOC
S302	S302 Storage Tank	VOC
S305	S305 Storage Tank	VOC
S306	S306 Storage Tank	VOC
S307	S307 Storage Tank	VOC
S310	S310 Storage Tank	VOC
S312	S312 Storage Tank	VOC
S313	S313 Storage Tank	VOC
S318	S318 Storage Tank	VOC
S325	S325 Storage Tank	VOC
S326	S326 Storage Tank	VOC
S339	S339 Storage Tank	VOC
S348	S348 Storage Tank	VOC
S359	S359 Storage Tank	VOC
S360	S360 Storage Tank	VOC
S395	S395 Storage Tank	VOC
S401	S401 Storage Tank	VOC
S402	S402 Storage Tank	VOC
S412	S412 Storage Tank	VOC
S429	S429 Storage Tank	VOC
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Emission Sources - Maximum Allowable Emission Rates

		1,122
S430	S430 Storage Tank	VOC
SAB	South Aeration Basin	VOC
SDAF	WW - South DAF Unit	VOC
SR3/4PIT	SR3/4 Sulfur Pit	VOC
SR3/4STACK	SR3/4 Incinerator	VOC
SR3/4WW	SR3/4 Wastewater Collection	voc
SR5L01	SR5 Loading rack	voc
SR5L02	SR5 Loading rack	VOC
SR5STACK	SR5 Tail Gas Incinerator	VOC
SR6STACK	SR6 Tail Gas Incinerator	VOC
SR7STACK	SR7 Tail Gas Incinerator	VOC
SR8STACK	SR8 Tail Gas Incinerator	VOC
SRTT	SR3/4 Loading Rack	VOC
SS306	SS306 Storage Tank	VOC
SS307	SS307 Storage Tank	VOC
SS308	SS308 Storage Tank	VOC
SS312	SS312 Storage Tank	VOC
SS314	SS314 Storage Tank	VOC
SS316	SS316 Storage Tank	VOC
SS324	SS324 Storage Tank	VOC
SS325	SS325 Storage Tank	VOC
SS335	SS335 Storage Tank	VOC
SS339	SS339 Storage Tank	VOC
SS341	SS341 Storage Tank	VOC
SS343	SS343 Storage Tank	VOC
SS344	SS344 Storage Tank	VOC
SS348	SS348 Storage Tank	VOC
SS364	SS364 Storage Tank	VOC
SS375	SS375 Storage Tank	VOC
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Emission Sources - Maximum Allowable Emission Rates

SS376	SS376 Storage Tank	VOC
SS377	SS377 Storage Tank	VOC
SS378	SS378 Storage Tank	VOC
SS379	SS379 Storage Tank	VOC
SS388	SS388 Storage Tank	VOC
SS396	SS396 Storage Tank	VOC
SS403	SS403 Storage Tank	VOC
SS425	SS425 Storage Tank	VOC
ST1400	X2HDU1 Storage Tank	VOC
SULFUR	SR5 Sulfur Pit	VOC
T1211	T1211 Storage Tank	VOC
T1212	T1212 Storage Tank	VOC
T1710	T1710 Storage Tank	VOC
T1F323	T1F323 Storage Tank	VOC
T1F324	T1F324 Storage Tank	VOC
T1F329	T1F329 Storage Tank	VOC
T1F330	T1F330 Storage Tank	VOC
T1F348	T1F348 Storage Tank	VOC
T301	T301 Storage Tank	VOC
T302	T302 EXTFLT Refinery WW Storage Tank	VOC
T315	T315 Storage Tank	VOC
T316	Methanol Storage Tank	VOC
T59	T59 FXTNK2/SOAP Storage Tank	VOC
T93002	T93002 DEA Storage Tank	VOC
T93402	T93402 MDEA Storage Tank	VOC
TA301	TA301 Storage Tank	VOC
TA305	TA305 Storage Tank	VOC
TA306	TA306 Storage Tank	VOC
TA307	TA307 Storage Tank	VOC
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Emission Sources - Maximum Allowable Emission Rates

TA308	TA308 Storage Tank	VOC
TA309	TA309 Storage Tank	VOC
TA310	TA310 Storage Tank	VOC
TA312	TA312 Storage Tank	VOC
TA313	TA313 Storage Tank	VOC
TA315	TA315 Storage Tank	VOC
TA316	TA316 Storage Tank	VOC
TA317	TA317 Storage Tank	VOC
TA318	TA318 Storage Tank	VOC
TA319	TA319 Storage Tank	VOC
TA320	TA320 Storage Tank	VOC
TA321	TA321 Storage Tank	VOC
TA322	TA322 Storage Tank	VOC
TA324	TA324 Storage Tank	VOC
TA325	TA325 Storage Tank	VOC
TA326	TA326 Storage Tank	VOC
TA329	TA329 Storage Tank	VOC
TA330	TA330 Storage Tank	VOC
TA331	TA331 Storage Tank	VOC
TA332	TA332 Storage Tank	VOC
TA334	TA334 Storage Tank	VOC
TC and G	WW - Thermal Cracking and Gas Treating	VOC
TCACIDLOAD	Acid Tank Car Loading	VOC
TG324	TG324 Storage Tank	VOC
TG362	TG362 Storage Tank	VOC
TJ333	TJ333 Storage Tank	VOC
TJ334	TJ334 Storage Tank	VOC
TJ335	TJ335 Storage Tank	VOC
TJ339R1	TJ339R1 Storage Tank	VOC
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Emission Sources - Maximum Allowable Emission Rates

TK305	TK305 Storage Tank	VOC
TRKLFIL	WW - Trickle Filter	VOC
TRKLSMP	WW - Trickle Sump	VOC
U301	U301 Storage Tank	VOC
U302	U302 Storage Tank	voc
V1111	V1111 Storage Tank	VOC
V54	Vessel/Regen Gas KO Pot	voc
V9160	Vent V9160	voc
VA03	VA03 Storage Tank	voc
VA04	VA04 Storage Tank	VOC
WAXPTOWS	WW - Sewer Wax Plant Oily Water	VOC
WAXPTWAX	WW - Sewer Wax Plant Wax	VOC
WX285	WX285 Storage Tank	VOC
X2HDU1	FXTNK2/X2HDU1 Storage Tank	VOC
X311	INTFLT/Amine Solutions Storage Tank	voc
X312	INTFLT/Amine Solutions Storage Tank	voc
X313	INTFLT/Slop Oil Storage Tank	VOC
X315	Ballast Water Storage Tank	VOC
X316	WW - DAF Float	VOC
X320	Ballast Water O/S Storage Tank	VOC
X321	Slop Oil Storage Tank	VOC
X322	X322 Storage Tank	VOC
X323	X323 Storage Tank	VOC
X324	FXTNK2/Misc Organic Storage Tank	VOC
X325	FXTNK2/Misc Organic Storage Tank	VOC
X326	FXTNK2/DAF Float Storage Tank	VOC
X327	FXTNK2/DAF Float Storage Tank	VOC
X328	FXTNK2/Misc Organic Storage Tank	VOC
X330	WW - Equalization Tank	voc

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Emission Sources - Maximum Allowable Emission Rates

X330SM	WW - Sump	VOC		
	FINAL EMISSIONS CAP	VOC	1870.38	2827.23
	Emission Sub-	Caps		
H600	FCCU CO Boiler	СО	346.32	1402.62
		NH ₃	5.25	23.02
		NO _X	56.88	124.56
		РМ	66.00	289.08
		SO ₂	593.48	216.62
		VOC	3.20	14.02
H613	DU-1 Secondary Pre-Heater	СО	-	65.28
		NO _X	-	21.69
		РМ	-	5.89
		SO ₂	-	20.22
		VOC	-	4.26
	Planned Maintenance, Startup, and Shutd	own (MSS) Emiss	ion Rate Limits	
RUDESD	Shutdown of DU-2, VF-3, VF-4, HDU-2	Benzene		
COKERSD	Shutdown of Cokers, GOHT	Benzene		
SGPSD	Shutdown of SGP	Benzene		
SULFURSD	Shutdown of Sulfur Block	Benzene		
SHCUSD	Shutdown of SHCU	Benzene		
DPREFSDSU	Shutdown/Startup of Other Units	Benzene		
FLNFLARE	North Property Flare	Benzene		
COKE FLARE	Coker Flare	Benzene		
WP FLARE	West Property Flare	Benzene		
EP FLARE	East Property Flare	Benzene		
TA324	MAYA Crude	Benzene		
TA325	DU1 Crude	Benzene		
TA326	DU1 Crude	Benzene		
F364	MTBE, 100%	Benzene		

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Emission Sources - Maximum Allowable Emission Rates

	T		T	<u></u>
TG362	MAYA Crude	Benzene		
TA329	MAYA Crude	Benzene		
TA330	MAYA Crude	Benzene		
TA331	MAYA Crude	Benzene		
TA332	MAYA Crude	Benzene		
TA334	MAYA Crude	Benzene		
G313	Gasoline (RU2000)	Benzene		
G315	Gasoline (RU2000)	Benzene		
G323	Gasoline (RU2000)	Benzene		
G326	Gasoline (RU2000)	Benzene		
G327	Gasoline (RU2000)	Benzene		
FUGABRBLST	Abrasive Blasting: Sitewide	Benzene		
AEROSDISP	Aerosol Can Crushing and Disposal	Benzene		
AEROSAPPL	Aerosol Can Application: Paint and Solvents	Benzene		
DEGREAS01	Chemical Cleaning - Degreaser Units	Benzene		
FUGSMPDPR	Process Sampling	Benzene		
FUGMSSDPR	Fugitive Components Associated with Maintenance	Benzene		
FUGVACDPR	Vacuum Truck Loading & Unloading	Benzene		
PAINTFE	Painting Emissions Sitewide Combustion Device Decoking	Benzene		
MSSDECNDPR	Pump and Minor Process Decontamination	Benzene		
TNKVENT	Forced Ventilation of Tank w/Residual	Benzene		
	MSS EMISSION CAP	Benzene	19.78	0.78
CRUDESD	Shutdown of DU-2, VF-3, VF-4, HDU-2	СО		
COKERSD	Shutdown of Cokers, GOHT	СО		
SGPSD	Shutdown of SGP	СО		
SULFURSD	Shutdown of Sulfur Block	СО		
SHCUSD	Shutdown of SHCU	СО		
DPREFSDSU	Shutdown/Startup of Other Units	СО		

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Emission Sources - Maximum Allowable Emission Rates

FLNFLARE	North Property Flore	СО	
	North Property Flare		
COKE FLARE	Coker Flare	СО	
WP FLARE	West Property Flare	СО	
EP FLARE	East Property Flare	СО	
TA324	MAYA Crude	СО	
TA325	DU1 Crude	СО	
TA326	DU1 Crude	СО	
F364	MTBE, 100%	СО	
TG362	MAYA Crude	СО	
TA329	MAYA Crude	СО	
TA330	MAYA Crude	СО	
TA331	MAYA Crude	СО	
TA332	MAYA Crude	СО	
TA334	MAYA Crude	со	
G313	Gasoline (RU2000)	СО	
G315	Gasoline (RU2000)	СО	
G323	Gasoline (RU2000)	СО	
G326	Gasoline (RU2000)	СО	
G327	Gasoline (RU2000)	СО	
FUGABRBLST	Abrasive Blasting: Sitewide	СО	
AEROSDISP	Aerosol Can Crushing and Disposal	СО	
AEROSAPPL	Aerosol Can Application: Paint and Solvents	СО	
DEGREAS01	Chemical Cleaning - Degreaser Units	СО	
FUGSMPDPR	Process Sampling	со	
FUGMSSDPR	Fugitive Components Associated with Maintenance	со	
FUGVACDPR	Vacuum Truck Loading & Unloading	СО	
PAINTFE	Painting Emissions Sitewide Combustion Device Decoking	СО	

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Emission Sources - Maximum Allowable Emission Rates

MSSDECNDPR	Pump and Minor Process Decontamination	СО		
TNKVENT	Forced Ventilation of Tank w/Residual	СО		
	MSS EMISSION CAP	СО	187.70	11.41
CRUDESD	Shutdown of DU-2, VF-3, VF-4, HDU-2	H ₂ S		
COKERSD	Shutdown of Cokers, GOHT	H ₂ S		
SGPSD	Shutdown of SGP	H ₂ S		
SULFURSD	Shutdown of Sulfur Block	H ₂ S		
SHCUSD	Shutdown of SHCU	H ₂ S		
DPREFSDSU	Shutdown/Startup of Other Units	H ₂ S		
FLNFLARE	North Property Flare	H ₂ S		
COKE FLARE	Coker Flare	H ₂ S		
WP FLARE	West Property Flare	H ₂ S		
EP FLARE	East Property Flare	H ₂ S		
TA324	MAYA Crude	H ₂ S		
TA325	DU1 Crude	H ₂ S		
TA326	DU1 Crude	H ₂ S		
F364	MTBE, 100%	H ₂ S		
TG362	MAYA Crude	H ₂ S		
TA329	MAYA Crude	H ₂ S		
TA330	MAYA Crude	H ₂ S		
TA331	MAYA Crude	H ₂ S		
TA332	MAYA Crude	H ₂ S		
TA334	MAYA Crude	H ₂ S		
G313	Gasoline (RU2000)	H ₂ S		
G315	Gasoline (RU2000)	H ₂ S		
G323	Gasoline (RU2000)	H ₂ S		
G326	Gasoline (RU2000)	H ₂ S		
G327	Gasoline (RU2000)	H ₂ S		
FUGABRBLST	Abrasive Blasting: Sitewide	H ₂ S		

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Emission Sources - Maximum Allowable Emission Rates

	T	<u> </u>		
AEROSDISP	Aerosol Can Crushing and Disposal	H ₂ S		
AEROSAPPL	Aerosol Can Application: Paint and Solvents	H ₂ S		
DEGREAS01	Chemical Cleaning - Degreaser Units	H ₂ S		
FUGSMPDPR	Process Sampling	H ₂ S		
FUGMSSDPR	Fugitive Components Associated with Maintenance	H ₂ S		
FUGVACDPR	Vacuum Truck Loading & Unloading	H ₂ S		
PAINTFE	Painting Emissions Sitewide Combustion Device Decoking	H ₂ S		
MSSDECNDPR	Pump and Minor Process Decontamination	H ₂ S		
TNKVENT	Forced Ventilation of Tank w/Residual	H ₂ S		
	MSS EMISSION CAP	H ₂ S	58.98	2.41
CRUDESD	Shutdown of DU-2, VF-3, VF-4, HDU-2	NO _x		
COKERSD	Shutdown of Cokers, GOHT	NO _x		
SGPSD	Shutdown of SGP	NO _x		
SULFURSD	Shutdown of Sulfur Block	NO _x		
SHCUSD	Shutdown of SHCU	NO _x		
DPREFSDSU	Shutdown/Startup of Other Units	NO _x		
FLNFLARE	North Property Flare	NO _x		
COKE FLARE	Coker Flare	NO _x		
WP FLARE	West Property Flare	NO _x		
EP FLARE	East Property Flare	NO _x		
TA324	MAYA Crude	NO _x		
TA325	DU1 Crude	NO _x		
TA326	DU1 Crude	NO _x		
F364	MTBE, 100%	NO _x		
TG362	MAYA Crude	NO _x		
TA329	MAYA Crude	NO _x		
TA330	MAYA Crude	NO _x		
TA331	MAYA Crude	NO _x		

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Emission Sources - Maximum Allowable Emission Rates

TA332	MAYA Crude	NO _x		
TA334	MAYA Crude	NO _x		
G313	Gasoline (RU2000)	NO _x		
G315	Gasoline (RU2000)	NO _x		
G323	Gasoline (RU2000)	NO _x		
G326	Gasoline (RU2000)	NO _x		
G327	Gasoline (RU2000)	NO _x		
FUGABRBLST	Abrasive Blasting: Sitewide	NO _x		
AEROSDISP	Aerosol Can Crushing and Disposal	NO _x		
AEROSAPPL	Aerosol Can Application: Paint and Solvents	NO _x		
DEGREAS01	Chemical Cleaning - Degreaser Units	NO _x		
FUGSMPDPR	Process Sampling	NO _x		
FUGMSSDPR	Fugitive Components Associated with Maintenance	NO _x		
FUGVACDPR	Vacuum Truck Loading & Unloading	NO _x		
PAINTFE	Painting Emissions Sitewide Combustion Device Decoking	NO _x		
MSSDECNDPR	Pump and Minor Process Decontamination	NO _x		
TNKVENT	Forced Ventilation of Tank w/Residual	NO _x		
	MSS EMISSION CAP	NO _x	10.27	0.68
CRUDESD	Shutdown of DU-2, VF-3, VF-4, HDU-2	PM		
COKERSD	Shutdown of Cokers, GOHT	PM		
SGPSD	Shutdown of SGP	PM		
SULFURSD	Shutdown of Sulfur Block	PM		
SHCUSD	Shutdown of SHCU	PM		
DPREFSDSU	Shutdown/Startup of Other Units	PM		
FLNFLARE	North Property Flare	PM		
COKE FLARE	Coker Flare	PM		
WP FLARE	West Property Flare	PM		

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Emission Sources - Maximum Allowable Emission Rates

	T	1		
EP FLARE	East Property Flare	PM		
TA324	MAYA Crude	PM		
TA325	DU1 Crude	PM		
TA326	DU1 Crude	PM		
F364	MTBE, 100%	PM		
TG362	MAYA Crude	PM		
TA329	MAYA Crude	PM		
TA330	MAYA Crude	PM		
TA331	MAYA Crude	PM		
TA332	MAYA Crude	PM		
TA334	MAYA Crude	PM		
G313	Gasoline (RU2000)	PM		
G315	Gasoline (RU2000)	PM		
G323	Gasoline (RU2000)	PM		
G326	Gasoline (RU2000)	PM		
G327	Gasoline (RU2000)	PM		
FUGABRBLST	Abrasive Blasting: Sitewide	PM		
AEROSDISP	Aerosol Can Crushing and Disposal	PM		
AEROSAPPL	Aerosol Can Application: Paint and Solvents	PM		
DEGREAS01	Chemical Cleaning - Degreaser Units	PM		
FUGSMPDPR	Process Sampling	PM		
FUGMSSDPR	Fugitive Components Associated with Maintenance	PM		
FUGVACDPR	Vacuum Truck Loading & Unloading	PM		
PAINTFE	Painting Emissions Sitewide Combustion Device Decoking	PM		
MSSDECNDPR	Pump and Minor Process Decontamination	PM		
TNKVENT	Forced Ventilation of Tank w/Residual	РМ		
	MSS EMISSION CAP	РМ	15.61	11.95
CRUDESD	Shutdown of DU-2, VF-3, VF-4, HDU-2	SO ₂		

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Emission Sources - Maximum Allowable Emission Rates

SGPSD Shu SULFURSD Shu SHCUSD Shu DPREFSDSU Shu FLNFLARE Noi	utdown of SGP utdown of Sulfur Block utdown of SHCU utdown/Startup of Other Units orth Property Flare	SO2 SO2 SO2 SO2 SO2 SO2 SO2 SO2
SULFURSD Shu SHCUSD Shu DPREFSDSU Shu FLNFLARE Noi	utdown of Sulfur Block utdown of SHCU utdown/Startup of Other Units orth Property Flare sker Flare	SO ₂ SO ₂ SO ₂ SO ₂
SHCUSD Shu DPREFSDSU Shu FLNFLARE Noi	utdown of SHCU utdown/Startup of Other Units orth Property Flare sker Flare	SO ₂ SO ₂ SO ₂
DPREFSDSU Shu FLNFLARE Noi	utdown/Startup of Other Units orth Property Flare oker Flare	SO ₂ SO ₂
FLNFLARE Noi	rth Property Flare ker Flare	SO ₂
	ker Flare	
COKE ELABE COL		SO ₂
CORE LEARE CO		
WP FLARE We	est Property Flare	SO ₂
EP FLARE Eas	st Property Flare	SO ₂
TA324 MA	AYA Crude	SO ₂
TA325 DU	J1 Crude	SO ₂
TA326 DU	J1 Crude	SO ₂
F364 MT	TBE, 100%	SO ₂
TG362 MA	AYA Crude	SO ₂
TA329 MA	AYA Crude	SO ₂
TA330 MA	AYA Crude	SO ₂
TA331 MA	AYA Crude	SO ₂
TA332 MA	AYA Crude	SO ₂
TA334 MA	AYA Crude	SO ₂
G313 Gas	soline (RU2000)	SO ₂
G315 Gas	soline (RU2000)	SO ₂
G323 Gas	soline (RU2000)	SO ₂
G326 Gas	soline (RU2000)	SO ₂
G327 Gas	soline (RU2000)	SO ₂
FUGABRBLST Abr	rasive Blasting: Sitewide	SO ₂
AEROSDISP Aer	rosol Can Crushing and Disposal	SO ₂
AEROSAPPL Aer	rosol Can Application: Paint and Solvents	SO ₂
DEGREAS01 Che	emical Cleaning - Degreaser Units	SO ₂
FUGSMPDPR Pro	ocess Sampling	SO ₂

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Emission Sources - Maximum Allowable Emission Rates

	T			
FUGMSSDPR	Fugitive Components Associated with Maintenance	SO ₂		
FUGVACDPR	Vacuum Truck Loading & Unloading	SO ₂		
PAINTFE	Painting Emissions Sitewide Combustion Device Decoking	SO ₂		
MSSDECNDPR	Pump and Minor Process Decontamination	SO ₂		
TNKVENT	Forced Ventilation of Tank w/Residual	SO ₂		
	MSS EMISSION CAP	SO ₂	1559.23	45.99
CRUDESD	Shutdown of DU-2, VF-3, VF-4, HDU-2	VOC		
COKERSD	Shutdown of Cokers, GOHT	VOC		
SGPSD	Shutdown of SGP	VOC		
SULFURSD	Shutdown of Sulfur Block	VOC		
SHCUSD	Shutdown of SHCU	VOC		
DPREFSDSU	Shutdown/Startup of Other Units	VOC		
FLNFLARE	North Property Flare	VOC		
COKE FLARE	Coker Flare	VOC		
WP FLARE	West Property Flare	VOC		
EP FLARE	East Property Flare	VOC		
TA324	MAYA Crude	VOC		
TA325	DU1 Crude	VOC		
TA326	DU1 Crude	VOC		
F364	MTBE, 100%	VOC		
TG362	MAYA Crude	VOC		
TA329	MAYA Crude	VOC		
TA330	MAYA Crude	VOC		
TA331	MAYA Crude	VOC		
TA332	MAYA Crude	VOC		
TA334	MAYA Crude	VOC		
G313	Gasoline (RU2000)	VOC		
G315	Gasoline (RU2000)	VOC		

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Emission Sources - Maximum Allowable Emission Rates

G323	Gasoline (RU2000)	VOC		
G326	Gasoline (RU2000)	VOC		
G327	Gasoline (RU2000)	VOC		
FUGABRBLST	Abrasive Blasting: Sitewide	VOC		
AEROSDISP	Aerosol Can Crushing and Disposal	VOC		
AEROSAPPL	Aerosol Can Application: Paint and Solvents	VOC		
DEGREAS01	Chemical Cleaning - Degreaser Units	VOC		
FUGSMPDPR	Process Sampling	VOC		
FUGMSSDPR	Fugitive Components Associated with Maintenance	voc		
FUGVACDPR	Vacuum Truck Loading & Unloading	VOC		
PAINTFE	Painting Emissions Sitewide Combustion Device Decoking	voc		
MSSDECNDPR	Pump and Minor Process Decontamination	VOC	_	
TNKVENT	Forced Ventilation of Tank w/Residual	VOC		
	MSS EMISSION CAP	VOC	2588.60	61.08

(1) Emission point identification - either specific equipment designation or emission point number 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 Title 30 Texas Administrative Code § 101.1

NH₃ - ammonia

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as

represented

CO - carbon monoxide H2S - hydrogen sulfide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.