

GENERAL CHEMICAL CORPORATION
Richmond Works - Facility # A0023
Title V - Semi-Annual Monitoring Report
Period: January 2012 through June 2012

Source	Pollutant	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Results		
S-1 Sulfuric Acid Mfg.	SO ₂	SIP 9-1-308.2	Gaseous emissions from any source at an H ₂ SO ₄ plant shall not exceed 300 ppmv @ 12% O ₂	SIP 9-1-502	C	CEM	January 2012 - June 2012 see attached monthly CEM reports		
	SO ₂	BAAQMD Regulation 9-1-309	Gaseous emissions from any source at an H ₂ SO ₄ plant shall not exceed 300 ppmv @ 12% O ₂	SIP 9-1-502	C	CEM	January 2012 - June 2012 see attached monthly CEM reports		
	Acid Mist	BAAQMD Regulation 12-6-301	Gaseous emissions from any source at an H ₂ SO ₄ plant shall not exceed 0.15 g/kg (0.3 lb/ton) of acid produced	BAAQMD Condition # 14980	P/A	Source Test	A source test was conducted on, and results were submitted to the Source Test and Enforcement Division.		
S-9 Process Air Heater	NO _x , CO, VOC, PM10	BAAQMD Condition # 7934 Part 2	Fuel consumption shall not exceed 61.3 million cubic feet / 12 month period	BAAQMD Condition # 7934 Part 3	P/M	Monthly Records	Jan	2470	mscf
							Feb	1985	mscf
							Mar	3307	mscf
							Apr	2535	mscf
							May	3370	mscf
							Jun	3272	mscf
S-15 Startup Air Heater	NO _x , CO, VOC, PM10	BAAQMD Condition # 7606 Part 2	Fuel consumption shall not exceed 5 million cubic feet / 12 month period	BAAQMD Condition # 7606 Part 2	P/M	Monthly Records	Jan	11197	scf
							Feb	9503	scf
							Mar	41707	scf
							Apr	160709	Scf
							May	19186	Scf
							Jun	0	Scf

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							Jan	Tons	Tons
S-16 Alkylation Storage Tank # 13	VOC, PM10	BAAQMD Condition # 13215 Part 1	Throughput shall not exceed 146,000 ton / 12 month period	BAAQMD Condition # 13215 Part 4	P/M	Monthly Records	Jun	0	Tons
							Feb	0	Tons
							Mar	0	Tons
							Apr	0	Tons
							May	0	Tons
							Jun	0	Tons
S-24 Elec. Grade Sulfuric Acid Mfg.	SO ₂	SIP 9-1-308.2	Gaseous emissions from any source at an H ₂ SO ₄ plant shall not exceed 300 ppmv @ 12% O ₂	SIP 9-1-502	C	CEM	January 2012 - June 2012 see attached monthly CEM reports for S-1		
							January 2012 - June 2012 see attached monthly CEM reports for S-1		
	SO ₂	BAAQMD Regulation 9-1-309	Gaseous emissions from any source at an H ₂ SO ₄ plant shall not exceed 300 ppmv @ 12% O ₂	SIP 9-1-502	C	CEM	January 2012 - June 2012 see attached monthly CEM reports for S-1		
							January 2012 - June 2012 see attached monthly CEM reports for S-1		
							Jan	755	Tons
							Feb	472	Tons
	BAAQMD Condition # 13507 Part 1	Production shall not exceed 15,000 ton / 12 month period	BAAQMD Condition # 13507 Part 3	P/M	Monthly Records	Mar	752	Tons	
						Apr	303	Tons	
						May	706	Tons	
						Jun	705	Tons	

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							Jan	0	Tons
S-32 Alkylation Storage Tank # 14	VOC, PM10	BAAQMD Condition # 13889 Part 2	Throughput shall not exceed 219,000 ton / 12 month period	BAAQMD Condition # 13889 Part 3	P/M	Monthly Records	Feb	0	Tons
							Mar	0	Tons
							Apr	0	Tons
							May	0	Tons
							Jun	0	Tons
							Jan	0	Tons