

General Chemical
Richmond Works - Facility #A0023
Title V - Semi Annual Monitoring Report
Period: January - June 2013

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 - June 2013 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 - June 2013 See attached monthly CEM reports.
S-9 Process Air Heater	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	We are pending results from a source test conducted on 7/18/13. The previous test on 7/31/12 was submitted to BAAQMD.
	NOx, 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 2,692 mscf
S-15 Startup Air Heater	NOx, 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	Feb 2,279 mscf
							Mar 2,488 mscf
							Apr 2,851 mscf
							Mar 3,045 mscf
							Jun 3,042 mscf
							Jan 14,098 scf
							Feb 43,081 scf
							Mar 77,333 scf
							Apr 0 scf
							Mar 0 scf
							Jun 0 scf

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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 1	P/M	Monthly Records	Jan 0 Tons
							Feb 0 Tons
							Mar 0 Tons
							Apr 0 Tons
							Mar 0 Tons
							Jun 0 Tons
S-24 Elec. Grade Sulfuric Acid Mfg.	SO ₂	SIP 9-1-308.2 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	Jan 546 Tons
							Feb 601 Tons
							Mar 362 Tons
							Apr 683 Tons
							Mar 741 Tons
							Jun 635 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	Jan 0 Tons
							Feb 0 Tons
							Mar 0 Tons
							Apr 0 Tons
							Mar 0 Tons
							Jun 0 Tons