

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 7/3/12 was submitted to BAAQMD.																		
	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	<table border="1"> <tr><td>Jan</td><td>2,692</td><td>mscf</td></tr> <tr><td>Feb</td><td>2,279</td><td>mscf</td></tr> <tr><td>Mar</td><td>2,488</td><td>mscf</td></tr> <tr><td>Apr</td><td>2,851</td><td>mscf</td></tr> <tr><td>Mar</td><td>3,045</td><td>mscf</td></tr> <tr><td>Jun</td><td>3,042</td><td>mscf</td></tr> </table>	Jan	2,692	mscf	Feb	2,279	mscf	Mar	2,488	mscf	Apr	2,851	mscf	Mar	3,045	mscf	Jun	3,042	mscf
Jan	2,692	mscf																							
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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	<table border="1"> <tr><td>Jan</td><td>14,098</td><td>scf</td></tr> <tr><td>Feb</td><td>43,081</td><td>scf</td></tr> <tr><td>Mar</td><td>77,333</td><td>scf</td></tr> <tr><td>Apr</td><td>0</td><td>Scf</td></tr> <tr><td>Mar</td><td>0</td><td>Scf</td></tr> <tr><td>Jun</td><td>0</td><td>Scf</td></tr> </table>	Jan	14,098	scf	Feb	43,081	scf	Mar	77,333	scf	Apr	0	Scf	Mar	0	Scf	Jun	0	Scf
	Jan	14,098	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	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.		
							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