



**EMISSIONS**

Annual Total S Emissions (Note: For facilities comp/recomp prior to 7/1/87, if Total S is 10 T/yr or greater, registration must be submitted. All facilities comp/recomp on or after 7/1/87 must submit registration.)

$$S = (\text{Flared} + \text{Lease Use} + \text{Vented}) (\text{mole \% H}_2\text{S}) (0.00042)$$

Mcf/Day	*	% H <sub>2</sub> S	*	Days/Year	*	0.00042	=	Tons/year (total S)
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Annual Total SO<sub>2</sub> Emissions (Note: This calculation is necessary to determine if prevention of significant deterioration (PSD) or Title V permitting is required.)

$$\text{SO}_2 (\text{tons/year}) = (\text{Flared} + \text{Lease Use}) (\text{mole \% H}_2\text{S}) (\text{days operation/year}) (0.00084)$$

Mcf/Day	*	% H <sub>2</sub> S	*	Days/Year	*	0.00084	=	Tons/year (SO <sub>2</sub> )
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If SO<sub>2</sub> ≥ 100 tons/year, additional permitting is required.

Annual Total VOC Emissions  
 VOC Emissions:                      tons/year (uncontrolled)                      tons/year (controlled)

Annual Total Greenhouse Gas Emissions (CO<sub>2</sub>e)  
 CO<sub>2</sub>e:                                      tons/year (uncontrolled)                      tons/year (controlled)

**COMMENTS**

Certification of Truth, Accuracy and Completeness

As an authorized company representative, I certify that to the best of my knowledge the information contained in this Oil/Gas Production Facility form and additional sheets is true, accurate and complete.

Signature of Applicant	Date
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