

Directive 056: Schedule 2.3 Facilities – H₂S Information



Submission date: _____

Applicant's reference: _____

1. Identification	
Applicant name: _____	Applicant BA code: _____

2. Gas Treating and Processing Information				
Sweetening Process	<input type="checkbox"/> Regenerative	<input type="checkbox"/> Nonregenerative	<input type="checkbox"/> None	<input type="checkbox"/> Both
Acid Gas Disposal Method	<input type="checkbox"/> Subsurface Injection	<input type="checkbox"/> Sulphur Recovery	<input type="checkbox"/> Flaring/Incineration	
	<input type="checkbox"/> CO ₂ Venting	<input type="checkbox"/> Other (specify) _____		
Sulphur Recovery Process	<input type="checkbox"/> Claus	<input type="checkbox"/> CBA	<input type="checkbox"/> Superclaus	
	<input type="checkbox"/> Sulfreen	<input type="checkbox"/> MCRC	<input type="checkbox"/> SCOT	
	<input type="checkbox"/> FGD	<input type="checkbox"/> Lo-Cat	<input type="checkbox"/> Shell-Paques	
	<input type="checkbox"/> Selectox	<input type="checkbox"/> CrystaSulf	<input type="checkbox"/> Other (specify) _____	
Acid gas volume: _____	10 ³ m ³ /d	H ₂ S content of acid gas: _____	mol/kmol	
Maximum H ₂ S content of inlet gas: _____	mol/kmol	Maximum continuous sulphur emission rate: _____	t/d	
Sulphur recovery efficiency (quarterly-calendar): _____ %				

3. Technical Information		
1. Sour setback requirements have been met	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. A method to recover vapours will be implemented	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3. SO ₂ air emissions meet the <i>Alberta Ambient Air Quality Objectives</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4a. Maximum calculated emergency planning zone	_____	km
4b. Number of surface developments within the maximum calculated emergency planning zone	_____	