

Oil and Gas Handling and Production Facilities Not Required to Notify or Register

Oil and gas sites can be exempt from permit by rule registration under paragraph (c)(4) of permit by rule 106.352 (effective February 27, 2011) as explained below. If a site fits into this exemption, no notification or registration is required. The site must only comply with the Best Management Practices (BMP) for maintaining equipment in good working order and proper operation under paragraph (e)(1); the BMP for minimum distance requirements under paragraph (e)(2); and the applicable portions of records, sampling, and monitoring requirements under subsection (j). These exemptions do not apply under the standard permit.

The types of facilities which would not require notification or registration are typically wellheads, pump-jacks, Christmas trees, and metering stations. Emissions associated with the smallest of these facilities are mainly from fugitive components, while slightly larger facilities can have additional sources, such as separators, tanks, and/or engines.

The whole site has to fit into one scenario from each of subparagraphs (c)(4)(B) and (c)(4)(C), unless they are not applicable. For example, if there are no engines at a site, then none of the subparagraph (c)(4)(B) engine requirements apply.

Site in this context means all oil and gas facilities or groups of facilities which are operationally dependent on each other and located within a 1/4 mile of a project emission point, vent, or fugitive component. If piping or fugitive components are the only connection between facilities and the distance between facilities exceeds 1/4 mile, then the facilities are considered separate sites. The facilities also must be located on contiguous or adjacent properties, be owned and operated by the same company, and be under the same two digit standard industrial classification (SIC) code.

Table 1: Site-wide Engines Horsepower and Fuel Limits

Subparagraph (c)(4)(B) Scenarios	Maximum Combined Engine Horsepower (hp)	Fuel Type	Fuel Hydrogen Sulfide (H ₂ S) Content (ppmv and ppmw as noted)
Scenario 1	450	sweet gas	H ₂ S content ≤ 24 ppmv
Scenario 2	100	sour gas	H ₂ S content greater than 24 ppmv but ≤10,000 ppmw
Scenario 3	20	sour gas	H ₂ S content greater than 10,000 ppmw but ≤ 50,000 ppmw

Table 2: Site-wide Maximum Component Count and Throughput Limits

Subparagraph (c)(4)(C) Scenarios	Facility Type	Fugitive Component Service Type	Maximum Number of Fugitive Components	Maximum Produced Water Throughput (bbl/day)
Scenario 1	pipng and fugitive components	natural gas	<ul style="list-style-type: none"> • 135 valves • 135 open- ended lines • Any combination of connectors and flanges up to 2,000 components, and • 135 component types otherwise not specified 	not applicable
Scenario 2	pipng and fugitive components	crude oil, condensate, produced water, and/or natural gas	<ul style="list-style-type: none"> • 25 valves, • 25 open-ended lines, • Any combination of connectors and flanges up to 2,000 components, and • 25 component types otherwise not specified 	not applicable
Scenario 3	pipng and fugitive components	crude oil, condensate, produced water, and/or natural gas	<ul style="list-style-type: none"> • 4 pump seals • 4 open-ended lines, and • Any combination of valves, flanges, and connectors up to 225 components 	not applicable

Subparagraph (c)(4)(C) Scenarios	Facility Type	Fugitive Component Service Type	Maximum Number of Fugitive Components	Maximum Produced Water Throughput (bbl/day)
Scenario 4	<ul style="list-style-type: none"> • Separators used solely to separate crude oil, condensate, and natural gas (which are routed directly to a sales pipeline) from produced water • Produced water tanks, and • Associated piping and fugitive components 	crude oil, condensate, produced water, and/or natural gas	<ul style="list-style-type: none"> • 5 pump seals • 5 open-ended lines, and • Any combination of valves, flanges, and connectors up to 150 components in VOC service and 500 components in produced water service 	1,205
Scenario 5	<ul style="list-style-type: none"> • Separators used solely to separate crude oil, condensate, and natural gas (which are routed directly to a sales pipeline) from produced water • Produced water tanks, and • Associated piping and fugitive components 	crude oil, condensate, produced water, and/or natural gas	<ul style="list-style-type: none"> • 2 pump seals • 2 open-ended lines, and • Any combination of valves, flanges, and connectors up to 230 components in VOC service and 500 components in produced water service 	580