

BC Vent Gas Limits & Fugitive Emission Survey Requirements

Emission Sources	Effective Date	Regulatory Detail
Venting	New Facility Tank Venting Limit (Effective January 1, 2022)	<ul style="list-style-type: none"> New facilities tank venting must be less than 250m³ per month at each facility
	Existing Facility Tank Venting Limits (Effective January 1, 2023)	<ul style="list-style-type: none"> Facilities in operation before January 1, 2022 must have tank venting less than 9,000m³ per month
Pneumatics Devices (excluding Pneumatic Pumps and Compressor Starters)	Vent limits for pneumatic devices at existing facilities (Effective January 1, 2022)	<ul style="list-style-type: none"> If a compressor station has total installed power of >3MW the facility can no longer use fuel gas driven pneumatics Replace, retrofit or modify with low-vent alternative (0.17m³/hr) for all other facilities <ul style="list-style-type: none"> Site specific exemptions are permitted
	Vent gas limits for new pneumatic devices at new facilities (Effective January 1, 2021)	<ul style="list-style-type: none"> Cannot use fuel gas driven pneumatics
Pneumatic Pumps	Vent Limit for new facilities (Effective January 1, 2021)	<ul style="list-style-type: none"> For each pump that operate >750 hr/year methane fuel gas driver cannot be used
	Vent Records for existing facilities (Effective January 1, 2021)	<ul style="list-style-type: none"> Description of pump and type of fluid pumped <ul style="list-style-type: none"> Operating hours of pump Volume of natural gas emitted by pump
Compressor Seals	Centrifugal Compressors (effective date January 1, 2021)	<ul style="list-style-type: none"> 0.17m³ per minute for existing (installed before Jan 1, 2021) 0.057 m³ per minute (installed after Jan 1, 2021)
	Reciprocating installed before January 1, 2021 with <4 throws & driver rate at > 75kw (January 1, 2022)	<ul style="list-style-type: none"> Fleet average of 0.83m³/ throw and no throw greater than 5 m³/hr Annual measurement of compressor seal vent rate
	Reciprocating compressor =>4 throws / (January 1, 2022)	<ul style="list-style-type: none"> Compressor vents must be conserved or controlled
Pneumatic Compressor Engine Starter	Facilities w/ Onsite Conservation / Flare Equipment <ul style="list-style-type: none"> Gas from started must be routed to conser Facilities w/o Onsite Conservation / Flare Equipment <ul style="list-style-type: none"> Maintain monthly calendar records (January 1, 2022) 	<ul style="list-style-type: none"> A facility that uses a pneumatic compressor starter that cannot be routed or flared must maintain a record that contains <ul style="list-style-type: none"> (a) a description of the compressor starter (b) the following information for each calendar month: <ul style="list-style-type: none"> (i) the volume of natural gas used in start attempts; (ii) the number of hours the compressor starter is operated; (iii) the volume of natural gas emitted from the compressor.
Glycol Dehydrators	Vent gas limits for existing glycol dehydrators (Effective January 1, 2022)	<ul style="list-style-type: none"> 50 tonnes of methane per year limit
	Vent gas limits for new glycol dehydrators (Effective January 1, 2022)	<ul style="list-style-type: none"> 25 tonnes of methane per year limit
Fugitive Emissions	Facility or equipment type: <ul style="list-style-type: none"> Gas plants; Compressor stations; Multi-well batteries; Single well batteries with controlled storage tanks. (Effective January 1, 2020)	<ul style="list-style-type: none"> Triannual fugitive emission comprehensive (OGI) surveys
	Facility or equipment type: <ul style="list-style-type: none"> Custom Treating or Injection and Disposal Facility Facilities not listed above with hydrocarbon storage tanks Single well battery without controlled storage Well with storage tank onsite Wells production from unconventional zone (Effective January 1, 2020)	<ul style="list-style-type: none"> Annual fugitive emission comprehensive (OGI) surveys
	Facility or equipment type: <ul style="list-style-type: none"> Conventional wellsite w/o onsite storage tank (Effective January 1, 2020)	<ul style="list-style-type: none"> Annual fugitive emission screening
Surface Casing Vents	July 1, 2021	<ul style="list-style-type: none"> Limit of 100 m³/ day