
40 C.F.R. § 60.5410c

How do I demonstrate initial compliance with the standards for each of my designated facilities?

You must determine initial compliance with the standards for each designated facility using the requirements of paragraphs (a) through (i) of this section. Except as otherwise provided in this section, the initial compliance period begins on the date specified in § 60.5387c and ends no later than 1 year after that date. The initial compliance period may be less than 1 full year.

(a) *Gas well liquids unloading standards for well designated facility.* To demonstrate initial compliance with the GHG standards for each gas well liquids unloading operation conducted at your well designated facility as required by § 60.5390c, you must comply with paragraphs (a)(1) through (4) of this section, as applicable.

(1) You must submit the initial annual report for your well designated facility as required in § 60.5420c(b)(1) and (2).

(2) If you comply by using a liquids unloading technology or technique that does not vent to the atmosphere according to § 60.5390c(a)(1), you must maintain the records specified in § 60.5420c(c)(1)(i).

(3) If you comply by using a liquids unloading technology or technique that vents to the atmosphere according to § 60.5390c(a)(2), (b) and (c), you must comply with paragraphs (a)(3)(i) and (ii) of this section.

(i) Employ best management practices to minimize venting of methane emissions as specified in § 60.5390c(d) for each gas well liquids unloading operation.

(ii) Maintain the records specified in § 60.5420c(c)(1)(ii).

(4) If you comply by using § 60.5390c(g), you must comply with paragraphs (b)(4)(i) through (vi) of this section.

(i) Reduce methane emissions by 95.0 percent or greater and as demonstrated by the requirements of § 60.5413c.

(ii) Install a closed vent system that meets the requirements of § 60.5411c(a) and (c) to capture all emissions and route all emissions to a control device that meets the conditions specified in § 60.5412c.

(iii) Conduct an initial performance test as required in § 60.5413c within 180 days after the initial gas well liquids unloading operation or install a control device tested under § 60.5413c(d) which meets the criteria in § 60.5413c(d)(11) and (e), and comply with the continuous compliance requirements of § 60.5415c(e).

(iv) You must conduct the initial inspections required in § 60.5416c(a) and (b).

(v) You must install and operate the continuous parameter monitoring systems in accordance with § 60.5417c(a) through (i), as applicable.

(vi) You must maintain the records specified in § 60.5420c(c)(1)(iii), (c)(7) and (c)(9) through (12), as applicable and submit the reports as required by § 60.5420c(b)(11) through (13), as applicable.

(b) *Associated gas well standards for well designated facility.* To demonstrate initial compliance with the GHG standards for each associated gas well as required by § 60.5391c, you must comply with paragraphs (b)(1) through (5) of this section.

(1) If you comply with the requirements of § 60.5391c(a), you must maintain the records specified in § 60.5420c(c)(2)(i) and submit the information required by § 60.5420c(b)(3)(i) through (iv) in your initial annual report.

(2) If you comply with § 60.5391c(b) because you have demonstrated that annual methane emissions are 40 tons per year or less, you must document the calculation of annual methane emissions determined in accordance with § 60.5391c(e)(1) and submit them in the initial annual report, and comply with paragraphs (b)(4) of this section.

(3) If you comply with § 60.5391c(b) because you have demonstrated that it is not feasible to comply with § 60.5391c(a)(1), (2), (3), or (4) due to technical reasons, document the initial demonstration and certification of the technical reason in accordance with § 60.5391c(e)(1) and submit them in the initial annual report, and comply with paragraphs (b)(4) of this section. Submit this documentation in the initial annual report, and comply with paragraph (b)(4) of this section.

(4) If you comply with § 60.5391c(b), you must comply with paragraphs (b)(4)(i) through (iv) of this section

(i) Reduce methane emissions by 95.0 percent or greater and as demonstrated by the requirements of § 60.5413c.

(ii) Install a closed vent system that meets the requirements of § 60.5411c(a) and (c) to capture the associated gas and route the captured associated gas to a control device that meets the conditions specified in § 60.5412c.

(iii) Conduct an initial performance test as required in § 60.5413c within 180 days after initial startup or by 36 months after the state plan submittal deadline (as specified in § 60.5362c(c)), whichever date is later, or install a control device tested under § 60.5413c(d) which meets the criteria in § 60.5413c(d)(11) and (e) and you must comply with the continuous compliance requirements of § 60.5415c(e).

(iv) Conduct the initial inspections required in § 60.5416c(a) and (b).

(v) Install and operate the continuous parameter monitoring systems in accordance with § 60.5417c(a) through (g), as applicable.

(vi) Maintain the records specified in § 60.5420c(c)(2)(ii) and (c)(7) and (9) through (12), as applicable.

(5) You must submit the initial annual report for your associated gas well at a well designated facility as required in § 60.5420c(b)(1), (3), and (10) through (12), as applicable.

(c) *Centrifugal compressor designated facility.* To demonstrate initial compliance with the GHG standards in § 60.5392c(a)(1) and (2) for your centrifugal compressors (including both wet seal centrifugal compressors and dry seal centrifugal compressors) that require volumetric flow rate measurements, you must comply with paragraphs (c)(1), (6), and (7) of this section. Alternatively, if you comply with the GHG standards for your wet seal and dry seal centrifugal compressor designated facility by reducing methane emissions from each centrifugal compressor wet seal fluid degassing system by 95.0 percent in accordance with § 60.5392c(a)(3) and (4), you must achieve initial compliance by complying with paragraphs (c)(2) through (7) of this section. If you comply with the GHG standards for your wet seal and dry seal centrifugal

compressor designated facility by routing emissions from the wet seal fluid degassing system through a closed vent system to a process in accordance with § 60.5392c(a)(5), you must achieve initial compliance by complying with paragraphs (c)(2), (4), (6), and (7) of this section.

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