



This rule applies to affected facilities constructed, modified or reconstructed after August 23, 2011

Affected facilities:

1-Gas well: 40 CFR 60.5375

If the well is being drilled primarily for production of natural gas, see the requirements under 40 CFR 60.5375

2-Centrifugal compressor: 40 CFR 60.5380

Reduce VOC emissions from wet seal fluid degassing system (WSFDS) by $\geq 95\%$, if using a control device must equip the WSFDS with a cover connected through a closed vent system and conduct an **initial performance test**. Demonstrate initial and continuous compliance, notification, recordkeeping and reporting
Compressor at or adjacent to the well site & servicing more than one well site is not subject.

3-Reciprocating compressor: 40 CFR 60.5385

Replace rod packing before the compressor has operated 26,000 hrs or prior to 36 months from the date of the most recent rod packing replacement or 36 months from the date of startup. Demonstrate initial and continuous compliance, notification, recordkeeping and reporting.
Compressor at or adjacent to the well site & servicing more than one well site is not subject.

4- Pneumatic controller: 40 CFR 60.5390

Each pneumatic controller at a natural gas processing plant must have a bleed rate of zero and be tagged with the month & year of installation, reconstruction or modification and traceable identification per 40 CFR 60.5420(c)(4)(iv).

Each pneumatic controller at a location between the wellhead and a natural gas processing plant that is constructed modified or reconstructed on or after October 15, 2013 must have a bleed rate of ≤ 6 standard cubic feet per hour (scfh) and be tagged with month & year of installation, reconstruction or modification and traceable identification per 40 CFR 60.5420(c)(4)(iii).

All must demonstrate initial and continuous compliance, notification, recordkeeping and reporting.

5-Storage vessel: 40 CFR 60.5395

Vessels subject to 40 CFR Part 60, Subpart Kb or 40 CFR Part 63, Subparts G, CC, HH, WW or HHH are not subject.
Comply by 10/15/13 for affected facilities constructed, modified or reconstructed after 8/23/11 with VOC emissions ≥ 6 tpy
Determine VOC emission rate using generally accepted method. If > 6 tpy, reduce emissions by 95%
If using a control device, equip the storage vessel with a cover connected through a closed vent system and conduct an **initial performance test**. If a floating roof is used certain requirements of NSPS Kb must be met.
Demonstrate initial and continuous compliance, notification, recordkeeping and reporting

6-Group of all equipment: 40 CFR 60.5400, 5401 & 5402

Comply with the requirements of NSPS VV; some exceptions see 40 CFR 60.5400 & 60.5401

7-Sweetening units: 40 CFR 60.5405, 5406 & 5407

Conduct an **initial performance test** for SO₂ reduction, install monitoring equipment



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**Standards of Performance for Crude Oil & Natural Gas Production, Transmission & Distribution
NSPS OOOO (40 CFR Part 60, Subpart OOOO)**

Initial and continuous compliance: 40 CFR 60.5410 & 60.5415

Compliance period 10/15/12 – 10/15/13 or at startup until 1 year after startup

Well completions: submit notification to the administrator (EPA) w/in 2 days of commencing each well completion operation, listing the anticipated date of the operation, r7wellcompletion@epa.gov. Submit Initial annual report, subsequent annual reports & maintain records including digital photos identifying well locations.

Centrifugal compressors: reduce VOC emissions by 95%, conduct initial performance test if using control equipment w/in 180 days of startup, and install continuous parameter monitoring (CPMS) system for continuous compliance. Conduct initial and annual inspections. Submit notifications, initial & subsequent annual reports & maintain records

Reciprocating compressors: continuously monitor hours or number of months since last rod packing replacement. Submit notifications and initial and subsequent annual reports and maintain records.

Pneumatic controller: if bleed rate > 6 scfh, maintain records to demonstrate it is required.

If controller is located at a natural gas processing plant and is not driven by natural gas, assume it emits zero natural gas. Controller is in compliance if it is located between the wellhead and a natural gas processing plant and the manufacturers design specifications indicate the bleed rate is \leq 6 scfh.

Tag each new controller, submit initial and subsequent annual reports and maintain records.

Storage vessels: determine VOC emission rate w/in 30 days of startup at well sites with no wells in production, at startup at well sites with 1 or more wells in production. For facilities emitting >6tpy VOCs, reduce emissions by 95%. If control equipment is used to meet reduction, conduct an initial performance test, install CPMS for continuous compliance. Conduct initial and annual inspections. Submit notifications, initial & subsequent annual reports & maintain records.

Group of equipment: initial compliance with VOC requirements is demonstrated if in compliance with the applicable requirements of NSPS VV

Sweetening units: initial compliance with SO₂ emissions is demonstrated with an initial performance test. Submit initial annual report and subsequent annual reports and maintain required recordkeeping and reporting

General Requirements:

Initial annual report is due 30 days after compliance period; subsequent annual reports are due on the same date for each year. If operating more than one affected facility, one annual report can be sent for all provided the report contains all of the information required.

Annual reports can coincide with Title V annual reports as long as all of the required elements of the annual report are included

Meet Notification, Reporting and Recordkeeping requirements per 40 CFR 60.5420

The owner/operator shall comply with all applicable provisions of 40 CFR Part 60, if a conflict exists between references in this document and the regulation, the regulation shall take precedence