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18 AAC 50.015(b) is amended by adding a new paragraph to read:

(3) for PM-2.5: Fairbanks and North Pole urban area.

(Eff. 1/18/97, Register 141; am 2/20/2004, Register 169; am 6/24/2004, Register 170; am

10/10/2004, Register 171; am ____/____/____, Register ____)

Authority: AS 46.03.020 AS 46.14.010 AS 46.14.030

The lead-in language of 18 AAC 50.040(a) is amended to read:

(a) The following provisions of 40 C.F.R. Part 60 (Standards of Performance for New Stationary Sources), as revised as of **October 8, 2009** [JULY 1, 2007], are adopted by reference as they apply to a Title V source:

• • •

18 AAC 50.040(a)(2) is amended by adding new subparagraphs to read:

(LL) Subpart DDDD (Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units That Commenced Construction on or Before November 30, 1999);

(MM) Subpart EEEE (Standards of Performance for Other Solid Waste Incineration Units for Which Construction Is Commenced After December 9, 2004, or for Which Modification or Reconstruction Is Commenced on or After June 16, 2006);

(NN) Subpart FFFF (Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units That Commenced Construction on or Before December 9, 2004);

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(OO) Subpart IIII (Standards of Performance for Stationary Compression Ignition Internal Combustion Engines);

(PP) Subpart JJJJ (Standards of Performance for Stationary Spark Ignition Internal Combustion Engines);

(QQ) Subpart KKKK (Standards of Performance for Stationary Combustion Turbines);

The lead-in language of 18 AAC 50.040(b) is amended to read:

(b) The following provisions of 40 C.F.R. Part 61 (National Emission Standards for Hazardous Air Pollutants), as revised as of **July 1, 2009** [MAY 16, 2007], are adopted by reference as they apply to a Title V source:

...

The lead-in language of 18 AAC 50.040(c) is amended to read:

(c) The following provisions of 40 C.F.R. Part 63 (National Emission Standards for Hazardous Air Pollutants for Source Categories), as revised as of **July 30, 2010** [JULY 16, 2007], are adopted by reference as they apply to a Title V source:

...

18 AAC 50.040(c) is amended by adding new paragraphs to read:

(34) Subpart BBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline

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Facilities);

(35) Subpart CCCCCC (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities).

18 AAC 50.040(d) is amended to read:

(d) The provisions of 40 C.F.R. Part 82, as revised as of **July 1, 2009** [JULY 1, 2007], are adopted by reference to the extent that they apply to a Title V source.

18 AAC 50.040(e) is amended to read:

(e) The requirements of 40 C.F.R. 52.70 - 40 C.F.R. 52.96, as revised as of **July 1, 2009** [JULY 1, 2007], as they apply to a Title V source and for purposes of a Title V permit, are adopted by reference.

18 AAC 50.040(f) is amended to read:

(f) The provisions of 40 C.F.R. Part 51, Appendix W (Guideline on Air Quality Models), as revised as of **July 1, 2009** [JULY 1, 2007], are adopted by reference.

The lead-in language of 18 AAC 50.040(g) is amended to read:

(g) The following provisions of 40 C.F.R. Part 62 (Approval and Promulgation of State Plans for Designated Facilities and Pollutants), as revised as of **July 1, 2009** [JULY 1, 2007], are adopted by reference:

...

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The lead-in language of 18 AAC 50.040(h) is amended to read:

(h) The following provisions of 40 C.F.R. 51.166 (**Prevention of Significant Deterioration of Air Quality**) and **40 C.F.R. Part 52 (Approval and Promulgation of Implementation Plans** [40 C.F.R. 52.21 (PREVENTION OF SIGNIFICANT DETERIORATION OF AIR QUALITY)], as revised as of **August 2, 2010** [JULY 2, 2007], are adopted by reference:

...

18 AAC 50.040(h)(3) is amended to read:

(3) 40 C.F.R. 52.21(a)(2) (**Applicability Procedures**);

18 AAC 50.040(h) is amended by adding a new paragraph to read:

(21) 40 C.F.R. 52.22 (Enforceable Commitments for Further Actions Addressing the Pollutant Greenhouse Gases (GHGs)).

The lead-in language of 18 AAC 50.040(i) is amended to read:

(i) From the following provisions of 40 C.F.R. 51.165 (Permit Requirements), as revised as of **July 1, 2009** [JULY 2, 2007], text setting out provisions that a state implementation plan shall or may contain is adopted by reference as follows:

...

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The lead-in language of 18 AAC 50.040(j) is amended to read:

(j) The following provisions of 40 C.F.R. Part 71 (Operating Permits), as revised as of **August 2, 2010** [JULY 2, 2007], are adopted by reference, except as provided in 18 AAC 50.326:

...

18 AAC 50.040(j) is amended by adding a new paragraph to read:

(9) 40 C.F.R. 71.13 (Enforceable Commitments for Further Actions Addressing Greenhouse Gases (GHGs)). (Eff. 1/18/97, Register 141; am 6/14/98, Register 146; am 6/21/98, Register 146; am 7/2/2000, Register 154; am 6/1/2002, Register 162; am 8/15/2002, Register 163; am 10/1/2004, Register 171; am 12/3/2005, Register 176; am 7/25/2008, Register 187; am __/__/__, Register ____)

Authority: AS 46.03.020 AS 46.14.020 AS 46.14.030

AS 46.14.010

18 AAC 50.055(a)(9) is amended to read:

(9) more than 20 percent for any three minutes in any one hour [, EXCEPT FOR AN ADDITIONAL THREE MINUTES IN ANY ONE HOUR] for a coal burning boiler that began operation before August 17, 1971, **except for an additional three minutes in any one hour** if

...

(Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 11/4/99, Register 152; am 5/3/2002,

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Register 162; am 10/1/2004, Register 171; am 7/25/2008, Register 187; am ____/____/____,

Register ____)

Authority: AS 46.03.020 AS 46.14.020 Sec. 30, ch. 74, SLA 1993

AS 46.14.010 AS 46.14.030

The lead-in language of 18 AAC 50.225(a) is amended to read:

18 AAC 50.225. Owner-requested limits. (a) The owner or operator of an existing or proposed stationary source may request an enforceable limit on the ability to emit air pollutants **to avoid all permitting obligations under AS 46.14.130.** A limitation approved under this section is an enforceable limitation for the purpose of determining

...

(Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 10/1/2004, Register 171; am

1/29/2005, Register 173; am 7/25/2008, Register 187; am ____/____/____, Register ____)

Authority: AS 46.03.020 AS 46.14.030 AS 46.14.140

AS 46.14.020 AS 46.14.120

18 AAC 50.302 is amended by adding a new subsection to read:

(c) If a term or condition is established in a PSD permit listed in (a)(1) of this section, or established in a PSD permit incorporated into a permit under (b) of this section, and is identified in the permit as solely necessary to meet a Title V requirement associated with an integrated review conducted under 18 AAC 50.306(c)(3), the term or condition is considered a Title V term or condition upon incorporation into a Title V permit. A subsequent revision to the term or

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condition may be made solely through the applicable Title V operating permit amendment or modification provisions of 18 AAC 50.326. (Eff. 10/1/2004, Register 171; am ____/____/____, Register ____)

Authority: AS 46.03.020 AS 46.14.030 AS 46.14.140
AS 46.14.010 AS 46.14.120 Sec. 30, ch. 74, SLA 1993
AS 46.14.020

18 AAC 50.306(b) is repealed and readopted to read:

(b) To satisfy the requirement of (a) of this section, the owner or operator must comply with the requirements of 40 C.F.R. 52.21, adopted by reference in 18 AAC 50.040 with the following changes:

(1) in 40 C.F.R. 52.21,

(A) the term "administrator" means

(i) "federal administrator" in 40 C.F.R. 52.21(b)(17), (b)(37),

(b)(43), (b)(48)(ii)(c), (i)(1)(x), (l)(2), and (p)(2); and

(ii) "department" elsewhere;

(B) the term "national ambient air quality standard" means an ambient air quality standard set out in 18 AAC 50.010 for this state;

(C) the term "ambient air increment" or "maximum allowable increase" means a maximum allowable increase set out in Table 3 in 18 AAC 50.020(b);

(2) exclusions from increment consumption apply to the maximum extent allowed under 40 C.F.R. 51.166(f), adopted by reference in 18 AAC 50.040;

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(3) in 40 C.F.R. 52.21(i)(1)(xi), each reference to the date "July 15, 2008" is replaced with "{*effective date of these regulations*}."

(Eff. 10/1/2004, Register 171; am 7/25/2008, Register 187; am ____/____/____, Register ____)

Authority:	AS 46.03.020	AS 46.14.120	AS 46.14.170
	AS 46.14.010	AS 46.14.130	AS 46.14.180
	AS 46.14.020	AS 46.14.140	

18 AAC 50.346 is amended to read:

18 AAC 50.346. Construction and operating permits: other permit conditions. (a)

For a construction permit or Title V permit, the department will use the standard permit condition in this subsection, unless the department determines that emission unit-specific or stationary source-specific conditions more adequately meet the requirements of this chapter or that no comparable condition is appropriate for the stationary source or emission unit. The department's Standard Permit Condition II - Air Pollution Prohibited, as revised as of **September 27, 2010** [AUGUST 25, 2004], is adopted by reference.

(b) In a Title V permit, the department will use the standard permit conditions listed in this subsection, unless the department determines that emission unit-specific or stationary source-specific conditions more adequately meet the requirements of this chapter or that no comparable condition is appropriate for the Title V source or emission unit. The following standard permit conditions prepared by the department are adopted by reference:

(1) Standard Permit Condition I - Emission Fees, as revised as of **September 27, 2010** [AUGUST 25, 2004];

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(2) Standard Permit Condition III - Excess Emissions and Permit Deviation Reports, as revised as of **September 27, 2010** [AUGUST 20, 2008];

(3) Standard Permit Condition IV - Notification Form, as revised as of **September 27, 2010** [AUGUST 20, 2008];

(4) Standard Operating Permit Condition V - Insignificant Sources, as revised as of **September 27, 2010** [AUGUST 25, 2004];

(5) Standard Operating Permit Condition VI - Good Air Pollution Control Practices, as revised as of August 25, 2004;

(6) Standard Operating Permit Condition VII - Operating Reports, as revised as of **September 27, 2010** [AUGUST 20, 2008];

(7) Standard Operating Permit Condition XIV - Document Submittals and Electronic Copies, as revised as of August 20, 2008;

(8) Standard Operating Permit Condition XV - Emission Inventory Reporting, as revised as of September 27, 2010;

(9) Standard Operating Permit Condition XVI - Emission Inventory Reporting Form, as revised as of September 27, 2010.

(c) Unless the department determines that emission unit-specific or stationary source-specific conditions more adequately meet the requirements of this chapter, the department will use the standard operating permit conditions listed in Table 7 of this subsection for the respective emission unit or emission unit types identified in the table. The standard operating permit conditions listed in Table 7 are adopted by reference.

Table 7

Standard Operating Permit Conditions

Emission Unit or Activity	Standard Operating Permit Condition
-Gas-fired fuel burning equipment, except flares	Standard Operating Permit Condition VIII – Visible Emissions and Particulate Matter Monitoring Plan for Gas-Fired Fuel Burning Equipment, August 25, 2004
-Stationary diesel engines -Liquid-fired stationary turbines -Other liquid-fired fuel burning equipment	Standard Operating Permit Condition IX – Visible Emissions and Particulate Matter Monitoring Plan for Liquid-Fired Emission Units, <u>September 27, 2010</u> [AUGUST 20, 2008]
-Coal fired boilers -Coal handling equipment -Construction of gravel pads or roads that are part of a permitted stationary source, or other construction that has the potential to generate fugitive dust that reaches ambient air -Commercial, industrial, municipal solid waste,	Standard Operating Permit Condition X – Reasonable Precautions to Prevent Fugitive Dust, <u>September 27, 2010</u> [AUGUST 25, 2004]

<p>air curtain, and medical waste incinerators</p> <p>–Sewage sludge incinerators not using wet methods to handle the ash</p> <p>–Mines</p> <p>–Urea manufacturing</p> <p>–Soil remediation units</p> <p>–Dirt roads under the control of the operator with frequent vehicle traffic</p> <p>–Other sources the department finds are likely to generate fugitive dust</p>	
<p>–Fuel burning equipment burning liquid fuel</p>	<p>Standard Operating Permit Condition XI – SO₂ Emissions from Oil Fired Fuel Burning Equipment, August 25, 2004</p>
<p>–Fuel burning equipment burning liquid fuel</p>	<p>Standard Operating Permit Condition XII – SO₂ Material Balance Calculation, August 25, 2004</p>
<p>–Coal fired boilers</p>	<p>Standard Operating Permit Condition XIII – Coal Fired Boilers, August 20, 2008</p>

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(d) Repealed 10/1/2004. (Eff. 5/3/2002, Register 162; am 10/1/2004, Register 171; am 11/9/2008, Register 188; am ____/____/____, Register ____)

Authority:	AS 46.03.020	AS 46.14.120	AS 46.14.180
	AS 46.14.010	AS 46.14.130	AS 46.14.250
	AS 46.14.020	AS 46.14.140	

18 AAC 50.502(c)(1)(E) is amended to read:

(E) 100 TPY of carbon monoxide within 10 kilometers of a **carbon monoxide** nonattainment area; or

18 AAC 50.502(c)(3)(A)(iv) is amended to read:

(iv) 100 TPY of carbon monoxide for a stationary source within 10 kilometers of a **carbon monoxide** nonattainment area; or

18 AAC 50.502(c)(3)(B)(iv) is amended to read:

(iv) 100 TPY of carbon monoxide for a stationary source within 10 kilometers of a **carbon monoxide** nonattainment area.

The lead-in language of 18 AAC 50.502(e) is amended to read:

(e) For the purposes of **(c)(3)(B)** [(c)(3)] of this section, actual emissions shall be calculated by comparing projected actual emissions to the baseline actual emissions. In determining the projected actual emissions, before beginning actual construction, the owner or

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operator of the stationary source shall

...

(Eff. 10/1/2004, Register 171; am 12/1/2004, Register 172; am 12/3/2005, Register 176; am 7/25/2008, Register 187; am ____/____/____, Register ____)

Authority:	AS 46.03.020	AS 46.14.120	AS 46.14.170
	AS 46.14.010	AS 46.14.130	AS 46.14.180
	AS 46.14.020	AS 46.14.140	

The lead-in language of 18 AAC 50.508(5) is amended to read:

(5) establishing an owner requested limit (ORL) **to avoid one or more permit classifications** [AT A STATIONARY SOURCE; THE OWNER OR OPERATOR MAY AVOID A PERMIT CLASSIFICATION] under AS 46.14.130 **at a stationary source that will remain subject to at least one permit classification** [IF THE DEPARTMENT APPROVES AN OWNER REQUESTED LIMIT ON THE SOURCE'S ABILITY TO EMIT AIR POLLUTANTS]; a limitation approved under an ORL is an enforceable limitation for the purpose of determining

...

18 AAC 50.508(6) is amended to read:

(6) revising or rescinding the terms and conditions of a Title I permit issued under this chapter, **except as provided under 18 AAC 50.510**. (Eff. 10/1/2004, Register 171; am 7/25/2008, Register 187; am ____/____/____, Register ____)

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Authority:	AS 46.03.020	AS 46.14.120	AS 46.14.170
	AS 46.14.010	AS 46.14.130	AS 46.14.180
	AS 46.14.020	AS 46.14.140	

18 AAC 50 is amended by adding a new section to read:

18 AAC 50.510. Minor permit - Title V permit interface. A term or condition established in a minor permit issued under 18 AAC 50.542 and identified in the minor permit as solely necessary to meet a Title V operating permit requirement to qualify as an operating permit administrative amendment under 18 AAC 50.542(e) and 40 C.F.R. 71.7(d), adopted by reference in 18 AAC 50.040(j), is considered a Title V term or condition upon incorporation into a Title V permit. A subsequent revision to the term or condition may be made solely through the applicable Title V operating permit amendment or modification provisions of 18 AAC 50.326.

(Eff. __/__/____, Register ____)

Authority:	AS 46.03.020	AS 46.14.120	AS 46.14.170
	AS 46.14.010	AS 46.14.130	AS 46.14.180
	AS 46.14.020	AS 46.14.140	

The lead-in language of 18 AAC 50.540(c)(2) is amended to read:

(2) for a permit for construction, modification, or relocation of a stationary source, a demonstration **in accordance with 18 AAC 50.215(b) - (e)** that the proposed potential emissions from the stationary source will not interfere with the attainment or maintenance of the ambient air quality standards; the ambient demonstration must follow an approved modeling

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protocol if the department requests a modeling protocol for demonstrating compliance with ambient air quality standards; unless the department has made a finding in writing that the stationary source or modification does not need an ambient analysis to determine that construction and operation will not result in a violation of an ambient air quality standard, the application must include an ambient analysis for

...

The lead-in language of 18 AAC 50.540(k) is amended to read:

(k) **Revising or rescinding permit conditions.** An application for a minor permit revising or rescinding terms or conditions of a Title I permit **under 18 AAC 50.508(6)** must include

...

18 AAC 50.540(k)(3) is amended to read:

(3) the effect of revising or revoking the permit term or condition on

(A) emissions;

(B) [,] other permit terms

(C) the underlying ambient demonstration, if required under (c)(2) of

this section; [,] and

(D) compliance monitoring; and

(Eff. 10/1/2004, Register 171; am 12/1/2004, Register 172; am 12/3/2005, Register 176; am 7/25/2008, Register 187; am __/__/__, Register ____)

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Authority: AS 46.03.020 AS 46.14.120 AS 46.14.170
AS 46.14.010 AS 46.14.130 AS 46.14.180
AS 46.14.020 AS 46.14.140

18 AAC 50.542(a)(1) is amended by adding new subparagraphs to read:

(E) in the Municipality of Anchorage;

(F) in the City of Fairbanks;

(G) within Fort Wainwright; or

(H) within Eielson Air Force Base; or

(Eff. 10/1/2004, Register 171; am 12/1/2004, Register 172; am 7/25/2008, Register 187; am
____/____/____, Register ____)

Authority: AS 46.03.020 AS 46.14.120 AS 46.14.170
AS 46.14.010 AS 46.14.130 AS 46.14.180
AS 46.14.020 AS 46.14.140 AS 46.14.200

18 AAC 50.544(a)(3) is amended to read:

(3) include any conditions established under 18 AAC 50.201, **as applicable;**

18 AAC 50.544(a) is amended by adding new paragraphs to read:

(6) include conditions as necessary to protect ambient air quality; and

(7) include, as needed, conditions required under 40 C.F.R. Part 71, as adopted

by reference in 18 AAC 50.040(j) and 18 AAC 50.326 to accommodate an owner or operator

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request to add the conditions of a minor permit to a Title V permit by administrative amendment under 18 AAC 50.542(e).

18 AAC 50.544(h)(3) is amended to read:

(3) describe each permit classification under AS 46.14.130 that the ORL allows the owner or operator to avoid [, OR EACH MAXIMUM ALLOWABLE INCREASE UNDER 18 AAC 50.020 OR AMBIENT AIR QUALITY STANDARDS THAT WILL BE PROTECTED].

(Eff.10/1/2004, Register 171; am 12/1/2004, Register 172; am 1/29/2005, Register 173; am 7/25/2008, Register 187; am 11/9/2008, Register 188; am ____/____/____, Register ____)

Authority:	AS 46.03.020	AS 46.14.120	AS 46.14.170
	AS 46.14.010	AS 46.14.130	AS 46.14.180
	AS 46.14.020	AS 46.14.140	AS 46.14.250

18 AAC 50.990(101) is amended to read:

(101) "stack" has the **meaning** [MEETING] given in AS 46.14.990;

18 AAC 50.990(121) is amended to read:

(121) "volatile organic compound" or "VOC" has the meaning given in 40 C.F.R. 51.100(s), as revised as of **July 1, 2009**, [JULY 1, 2004] and adopted by reference; (Eff. 1/18/97, Register 141; am 6/14/98, Register 146; am 6/21/98, Register 146; am 9/4/98, Register 147; am 11/4/99, Register 152; am 1/1/2000, Register 152; am 2/2/2002, Register 161;

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am 5/3/2002, Register 162; am 11/15/2002, Register 164; am 8/8/2003, Register 167; am 10/1/2004, Register 171; am 12/3/2005, Register 176; am 12/30/2007, Register 184; am 7/25/2008, Register 187; am 4/1/2010, Register 193; am ____/____/____, Register ____)

Authority:	AS 44.46.025	AS 46.14.140	AS 46.14.250
	AS 46.03.020	AS 46.14.150	AS 46.14.255
	AS 46.03.710	AS 46.14.160	AS 46.14.280
	AS 46.14.010	AS 46.14.170	AS 46.14.285
	AS 46.14.020	AS 46.14.180	AS 46.14.290
	AS 46.14.030	AS 46.14.210	AS 46.14.300
	AS 46.14.120	AS 46.14.230	AS 46.14.560
	AS 46.14.130	AS 46.14.240	Sec. 30, ch. 74, SLA 1993

Editor's note: The July 1, 2009 version of 40 C.F.R. 51.166(b)(49) contains a printing error. The correct definition for "regulated NSR pollutant" may be found in 73 Fed. Reg. 28347 (May 16, 2008).