

The State of Arizona
Department of Weights & Measures
Motor Fuels and Petroleum Products
Arizona CBG and AZRBOB

(Revised 8/31/06 – New Regulations)

(Revised 5/2/07 – Format)

Audit Information

Facility Name:

Date(s) of Audit:

Auditor's Name(s):

Period Under Review:

Audit Goals

- 1) Ensure that data and information reported to the State is accurate and valid.
- 2) Ensure that data representing fuel quality and quantity is prepared in a manner consistent with the Regulations under Article 7 of the Arizona Administrative Code.
- 3) Ensure that data submitted to State is representative and defensible.
- 4) Ensure compliance with requirements outlined in statute and regulation.

Audit Scope

As it applies to the registered facility for the period under audit, to verify the Registered Supplier has complied with the Regulations under Article 7 of the Arizona Administrative Code. The audit is done in order to determine if the following major issues are being reported to the Arizona Department of Weights and Measures correctly:

Volumes

Fuel Quality

Predictive Model Analysis

Audit Guidelines

IN THE AUDIT OF REGISTERED SUPPLIERS, THIRD-PARTY TERMINALS AND PIPELINES, THESE PROCEDURES SHOULD BE USED AS A GUIDE. THE AUDITOR SHOULD USE PROFESSIONAL JUDGEMENT IN DETERMINING THE APPLICABILITY OF EACH PROCEDURE LISTED. THESE PROCEDURES MAY REQUIRE MODIFICATION BASED ON THE FACTUAL CIRCUMSTANCES ENCOUNTERED DURING THE AUDIT. DEVIATIONS FROM THESE MINIMUM PROCEDURES REQUIRE APPROVAL FROM THE ARIZONA DEPARTMENT OF WEIGHTS AND MEASURES.

NOTE: These Protocols are effective only on the day printed. Changes may occur at any time.

General Information

Please use the back of the page opposite to record any exceptions that exceed the space available in the tables provided.

All volumes must be in barrels.

The regulations are in normal font, while the questions are in *italics*.

A check in the check box is an affirmative response.

All tables are included as Appendices to this protocol.

References: AAC 20-2-Article 7

40 CFR 80

EPA Q&A Document

NOTICE!

THE SECTIONS HIGHLIGHTED WITH A RED FONT ARE NOT EFFECTIVE UNTIL APPROVED BY EPA. THE PREVIOUS REGULATIONS FOR THAT PART (IF ANY) ARE STILL IN EFFECT UNTIL THE STATE OF ARIZONA RECEIVES SIP APPROVAL FROM EPA. THESE PREVIOUS REGULATIONS ARE INCLUDED AS APPENDICES 4 AND 5.

General

Fuel Certification Models

Does the facility use the California Predictive Model adopted by CARB on 4/20/95?

Yes No

Does the facility use the Federal Complex Model at 40 CFR 80.45 dated 1/1/99?

Yes No

Comments: _____

Completeness Review



R20-2-750: Registration Relating to Arizona CBG or AZRBOB**750(A)**

Each of the following shall register with the Director before producing, importing or obtaining custody of Arizona CBG or AZRBOB:

Is the auditee registered? Yes No

If Yes, are they registered as:

- 1. A refiner that produces Arizona CBG or AZRBOB;
- 2. An importer that imports Arizona CBG or AZRBOB;
- 3. An oxygenate blender that blends oxygenate with AZRBOB to produce Arizona CBG; or
- 4. A pipeline or third-party terminal that has custody of Arizona CBG or AZRBOB.

If No, use the comments section to describe their operations.

Comments: _____

750(B)

A person listed in subsection (A) shall register on a form prescribed by the Director and include the following information:

Is the following information on the registration form? If No, use the comments section to describe the missing requirement(s).

- 1. Business name, business address, contact name or position title and telephone number;
- 2. For each refinery or oxygenate blending facility, the facility name, physical location, contact name or position title, telephone number and type of facility;
- 3. For each refinery, oxygenate blending facility or importer:
 - a. The location of the records required under this Article. If the records are kept offsite, the primary offsite facility name, physical location and contact name or position title and telephone number; and
 - b. If an independent laboratory is used to meet the requirements of R20-2-752(F), the name and address of the independent laboratory and contact name or position title and telephone number. *Applicable?* Yes No
- 4. If required under 40 CFR 80.76(d), the EPA registration number; and
- 5. A statement of consent permitting the Department or its authorized agent to collect samples and access records as provided in R20-2-716.

Comments: _____

750(C)	A person registered under subsection (B) shall notify the Director within 10 days after the effective date of a change in any of the information provided under subsection (B).
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Has the facility changed any information subsequent to their previous registration?

Yes No

If Yes, has that information been reported to the Director within 10 days of the change?

Yes No N/A

Comments: _____

750(D)	If a refiner, importer or oxygenate blender fails to register under this Section, all Arizona CBG or AZRBOB produced by the refiner or oxygenate blender or imported by the importer and transported to the CBG covered area is presumed to be noncompliant from the date that registration should have occurred.
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Have they shipped any CBG/AZRBOB into Area A without registering? If Yes, use the comments section to describe the operations.

Yes No

Comments: _____

750(E)	The Department shall maintain a listing of all registered suppliers.
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No audit procedures are required for this subsection.

Section 750 Sign-off



Signature _____	Date _____
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R20-2-751: Arizona CBG Requirements

Applicable? YES ___ / NO ___ If not applicable, proceed to Section 752. This section is only applicable for registered suppliers, and oxygenate blenders, under 751(C).

751(A)	<p style="color: red;">General fuel property and performance requirements. In addition to the other requirements of this Article and except as provided in subsection (B), all Arizona CBG shall meet the requirements in Appendix 6 and for any fuel property not specified, shall meet the requirements of ASTM D 4814-04a. The dates in this subsection are compliance dates for the owner or operator of a motor fuel dispensing site or a fleet vehicle fueling facility.</p>												
<input type="checkbox"/> N/A													
<p>Does the CBG meet the Performance Standard Limits in Appendix 6A? If No, list any exceptions in the table below.</p>													
<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A – Has not produced Summertime gasoline.</p>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Date</th> <th style="width: 15%;">Batch #</th> <th style="width: 20%;">Property</th> <th style="width: 15%;">UOM</th> <th style="width: 15%;">Limit</th> <th style="width: 20%;">Reported</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Date	Batch #	Property	UOM	Limit	Reported						
Date	Batch #	Property	UOM	Limit	Reported								
<p>NOTE: IF THE PROCEDURE ABOVE HAS NOT BEEN APPROVED BY EPA, PERFORM THE ABOVE PROCEDURE USING TABLE 6B.</p>													
<p>Comments: _____</p>													

751(B)	<p style="color: red;">Wintertime requirements. In addition to the other requirements of this Article, the owner or operator of a motor fuel dispensing site or a fleet vehicle fueling facility shall ensure that beginning November 1 through January 31 of each year, all Arizona CBG meets the fuel property requirements in Appendix 7 of this protocol.</p>												
<input type="checkbox"/> N/A													
<p>Does the CBG meet the Performance Standard Limits in Appendix 7? If No, list any exceptions in the table below.</p>													
<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A – Has not produced Wintertime gasoline.</p>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Date</th> <th style="width: 15%;">Batch #</th> <th style="width: 20%;">Property</th> <th style="width: 15%;">UOM</th> <th style="width: 15%;">Limit</th> <th style="width: 20%;">Reported</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Date	Batch #	Property	UOM	Limit	Reported						
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<p>NOTE: IF THE PROCEDURE ABOVE HAS NOT BEEN APPROVED BY EPA, PERFORM THE ABOVE PROCEDURE WITH THE EXCEPTION THAT THE TABLE IS VALID FROM NOVEMBER 2 TO MARCH 31.</p>													
<p>Comments: _____</p>													

751(C)

Ethanol specifications. A person that uses ethanol as a blending component in AZRBOB or Arizona CBG shall ensure that the ethanol meets the requirements in ASTM D 4806-04a and the following:

- 1. A sulfur content not exceeding 10 ppm by weight,
- 2. An olefins content not exceeding 0.5 percent by volume, and
- 3. An aromatics hydrocarbon content not exceeding 1.7 percent by volume.

N/A

Does the ethanol meet the sulfur, olefin and aromatics maximums mentioned above? If No, use the comments section to describe the difference(s).

Yes No N/A – Has not used ethanol as a blending component.

Comments: _____

751(D)

General elections. Except as provided in subsection (E), a registered supplier shall make an initial election, and a subsequent election each time a change occurs, before beginning to transport Arizona CBG or AZRBOB. A registered supplier shall make the election with the Director on a form or in a format prescribed by the Director.

N/A

Did the registered supplier make an initial election prior to transporting CBG or AZRBOB?

Yes No

Did the registered supplier make the election in a format prescribed by the Director?

Yes No

The election shall state:

1. Whether the registered supplier (at each point where the Arizona CBG or AZRBOB is certified) will supply Arizona CBG or AZRBOB that complies with Type 1 Arizona CBG, Type 2 Arizona CBG or the PM alternative gasoline formulation requirements **and, if the registered supplier will supply Arizona CBG or AZRBOB that complies with the PM alternative gasoline formulation requirements, whether the registered supplier will certify using the CARB Phase 2 or Phase 3 model; and**
2. For each applicable fuel property or performance standard in the election under subsection (D)(1), whether the Arizona CBG or AZRBOB will comply with the average standards or per-gallon standards. **A registered supplier shall not elect to comply with average standards unless the registered supplier is in compliance with R20-2-760. A registered supplier shall not elect to comply with Type 1 Arizona CBG average standards in Table 1, columns B and C, from September 16 through October 31 and February 1 through April 30.**

Does the election state both of the above?

Yes No

Over the election period, was only the specified type of gasoline shipped? If No, use the comments section to describe the issue(s).

Yes No

Comments: _____

751(E)

Winter elections. Beginning November 1 through January 31 of each year, a registered supplier shall ensure that all Arizona CBG or AZRBOB complies with Type 2 Arizona CBG requirements or the PM alternative gasoline formulation requirements under Table 2. A registered supplier shall make an initial election and a subsequent election each time a change occurs, before beginning to transport Arizona CBG or AZRBOB. A registered supplier shall make the election with the Director on a form or in a format prescribed by the Director.

N/A

Which winter election did the facility choose between November 1 and January 31?

Type 2 PM

Did the registered supplier make an initial winter election prior to transporting CBG or AZRBOB?

Yes No

Did the registered supplier make the winter election in a format prescribed by the Director?

Yes No

The election shall state:

1. Whether the registered supplier (at each point where the Arizona CBG or AZRBOB is certified) will supply Arizona CBG or AZRBOB that complies with Type 2 Arizona CBG or the PM alternative gasoline formulation requirements, and
2. For each applicable fuel property, whether the Arizona CBG or AZRBOB will comply with the average standards or per-gallon standards.

Does the election state both of the above?

Yes No

If No to any of the above, use the comments section to describe the difference(s).

NOTE: IF THIS SECTION HAS NOT BEEN APPROVED BY EPA, PERFORM THE ABOVE PROCEDURE WITH THE EXCEPTION THAT THE DATES ARE NOVEMBER 2 TO MARCH 31.

Comments: _____

751(F)	<p>Certification as Type 1 Arizona CBG or Type 2 Arizona CBG. A registered supplier shall certify Arizona CBG or AZRBOB under R20-2-752 as meeting all requirements of the election made in subsection (D) or (E). For each fuel property, Type 1 Arizona CBG shall comply with the requirements in either column A, or columns B through D of Table 1, and shall be certified using the Federal Complex Model. For each fuel property, Type 2 Arizona CBG shall comply with the requirements of columns A and B (averaging option) or column C in Table 2. The PM alternative gasoline formulation shall meet the requirements of subsections (G), (H) and (I) and column A of Table 2. A registered supplier may certify Arizona CBG or AZRBOB using an equivalent test method approved by the Department under R20-2-759.</p>
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<input type="checkbox"/> N/A	
<i>How did the registered supplier certify gasoline?</i>	
<input type="checkbox"/> <i>Federal (Type 1)</i> <input type="checkbox"/> <i>Type 2</i> <input type="checkbox"/> <i>PM</i>	
<i>Has all Arizona CBG met the fuel property requirements of this section? See 751(A) and (B) to determine compliance. If No, use the comments section to describe the difference(s).</i>	
<input type="checkbox"/> <i>Yes</i> <input type="checkbox"/> <i>No</i>	
<i>Comments:</i> _____	

751(G)	<p>Certification and use of Predictive Model for alternative PM gasoline formulations.</p> <ol style="list-style-type: none"> 1) Except as provided in subsections (G)(4) and (I), a registered supplier shall use the PM as provided in the Predictive Model Procedures. 2) A registered supplier shall certify a PM alternative gasoline formulation with the Director by either: <ol style="list-style-type: none"> a) Submitting to the Director a complete copy of the documentation provided the executive officer of CARB according to 13 California Code of Regulations, Section 2264 and subsection (I); or b) Notifying the Director, on a form prescribed by or in a format acceptable to the Director, of: <ol style="list-style-type: none"> i) The PM alternative specifications that apply to the final blend, including for each specification whether it is a PM flat limit or a PM averaging limit; and ii) The numerical values for percent change in emissions for oxides of nitrogen and hydrocarbons determined in accordance with the Predictive Model Procedures.
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<input type="checkbox"/> N/A	
<i>How does the registered supplier certify a PM batch?</i>	
<input type="checkbox"/> <i>Submitting a complete copy of the documentation; or</i>	
<input type="checkbox"/> <i>Notifying the Director in the format prescribed.</i>	
<i>If the registered supplier certified a PM batch by using the format prescribed by the director, did they include the required information under subsection (2)(b)? If No, use the comments section to describe the issue(s).</i>	

<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Comments: _____

751(G)(3)	3) A registered supplier shall deliver the certification required under subsection (G)(2) to the Director before transporting the PM alternative gasoline formulation.
<input type="checkbox"/> N/A	
<i>Did the registered supplier submit the PM notification in a timely manner to the Director? If No, use the comments section to describe the issue(s).</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Comments: _____	

751(G)(4)

- 4) Restrictions for elections to sell or supply final blends as PM alternative gasoline formulations.
- a) A registered supplier shall not make a new election to sell or supply from its production or import facility a final blend of Arizona CBG as a PM alternative gasoline formulation if the registered supplier has an outstanding requirement under subsection (J) to provide offsets for fuel properties at the same production or import facility.
 - b) If a registered supplier elects to sell or supply from its production or import facility a final blend of Arizona CBG as a PM alternative gasoline formulation subject to a PM averaging compliance option for one or more fuel properties, the registered supplier shall not elect any other compliance option, including another PM alternative gasoline formulation, if an outstanding requirement to provide offsets for fuel properties exists under the provisions of subsection (J). This subsection does not preclude a registered supplier from electing another PM alternative gasoline formulations if:
 - i) The PM flat limit for one or more fuel properties is changed to a PM averaging limit, or a single PM averaging limit for which there is no outstanding requirement to provide offsets is changed to a PM flat limit;
 - ii) There are no changes in the PM alternative specifications for remaining fuel properties; and
 - iii) The new PM alternative formulation meets the criteria in the Predictive Model Procedures.
 - c) If a registered supplier elects to sell or supply from the registered supplier's production or import facility a final blend of Arizona CBG as a PM alternative gasoline formulation, the registered supplier shall not use a previously assigned designated alternative limit for a fuel property to provide offsets under subsection (J).

N/A

Did the registered supplier have outstanding requirements to provide offsets for fuel properties? If Yes, use the comments section to describe the issue and complete the following questions. If No, mark the following questions N/A and proceed to subsection (4)(d).

Yes No

Did the registered supplier make a new election using the PM notification form?

Yes No N/A

Did the registered supplier, once having elected the PM option, choose any other option?

Yes No N/A

Did the registered supplier use a previously assigned designated alternative limit to provide offsets?

Yes No N/A

If Yes to any of the above, use the comments section to describe the issue(s).

Comments: _____

751(G)(4)(d)	<p>d) If a registered supplier notifies the Director under subsection (D) or (E) that a final blend of Arizona CBG is sold or supplied from a production or import facility as a PM alternative gasoline formulation, all final blends of Arizona CBG or AZRBOB subsequently sold or supplied from that production or import facility are subject to alternative specifications until the registered supplier either:</p> <ul style="list-style-type: none"> i) Designates a final blend at that facility as a PM alternative gasoline formulation subject to a different PM alternative specifications, or ii) Elects, under subsection (D) or (E), a final blend at that facility subject to a flat limit compliance option or an averaging compliance option.
<div style="text-align: right;"><input type="checkbox"/> N/A</div> <p><i>Did the registered supplier provide PM gasoline under the submitted PM notification form until a different PM notification form was submitted? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p><i>Did the registered supplier elect to replace a flat limit with an averaging limit, or replace an averaging limit with a flat limit? If Yes, use the comments section to describe the issue.</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Comments: _____</p>	

751(H)

Prohibited activities regarding PM alternative gasoline formulations. 1) A registered supplier shall not shell, supply or offer to supply from the registered supplier's production or import facility Arizona CBG that is reported as a PM alternative gasoline formulation under R20-2-752 if any of the following occur:

- 1) The elected PM alternative specifications do not meet the criteria for approval in the Predictive Model Procedures;
- 2) The registered supplier is prohibited by subsection (G)(4)(a) from electing to sell or supply the gasoline as a PM alternative gasoline formulation;
- 3) The gasoline fails to conform to any PM flat limit in the PM alternative specifications election; or
- 4) With respect to any fuel property for which the registered supplier elects a PM averaging limit:
 - a) The gasoline exceeds the applicable PM average limit in Table 2, column B, and no designated alternative limit for the fuel property is established for the gasoline in accordance with subsection (G)(2); or
 - b) A designated alternative limit for the fuel property is established for the gasoline in accordance with subsection (G)(2), and either the gasoline exceeds the designated alternative limit for the fuel property or the designated alternative limit for the fuel property exceeds the PM averaging limit and the exceedence is not fully offset in accordance with subsection (J).

N/A

Does the PM gasoline meet the criteria for approval in the PM Model (NOx and THC)? If No, use the comments section to describe the issue(s).

Yes No

Did the facility report the correct values on the PM notification form? If No, list any exceptions in the table below.

Yes No

Date	PM #	Parameter	Type	UOM	PM Form	Calculated

Are the actual fuel property values below those of the PM limits? If No, list any exceptions in the table below.

Yes No

Date	Batch #	Property	UOM	PM Limit	Reported

If the registered supplier elects a PM averaging limit, have any of the items in (d)(i) or (ii) occurred? If Yes, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

751(I)

Oxygen content requirements for PM Alternative gasoline formulations. A registered supplier shall ensure that from November 1 through January 31, all alternative PM gasoline formulations comply with oxygen content requirements for the CBG-covered area. Regardless of the oxygen content, a registered supplier shall certify the final alternative PM gasoline formulation using the PM with a minimum oxygen content of 2.0% by weight. [A registered supplier may use the CARBOB Model as a substitute for the preparation of an ethanol hand blend and use the fuel qualities calculated under the Model for compliance and reporting purposes.]

N/A

Did the registered supplier certify the final PM gasoline using a minimum oxygen content of 2.0 weight percent in the hand blend? If No, use the comments section to describe the issue(s).

Yes No

Did the registered supplier use the CARBOB Model?

Yes No

If the registered supplier used the CARBOB Model, did the registered supplier report the fuel qualities calculated under the CARBOB Model for compliance and reporting purposes? If No, use the comments section to describe the issue(s).

Yes No N/A

NOTE: IF THIS SECTION HAS NOT BEEN APPROVED BY EPA, PERFORM THE ABOVE PROCEDURE WITH THE EXCEPTION THAT THE DATES ARE NOVEMBER 1 TO MARCH 31 AND IGNORE THE WORDING IN THE BRACKETS.

Comments: _____

751(J)	<p>Offsetting fuel properties and performance standards. A registered supplier that elects to comply with the averaging standards for any of the fuel properties or performance standards contained in Tables 1 and 2, or the PM, shall, from a single production or import facility, complete physical transfer of certified Arizona CBG or AZRBOB in sufficient quantity to offset the amount by which the Arizona CBG or AZRBOB exceeds the averaging standard according to the following schedule:</p> <ol style="list-style-type: none"> 1) A registered supplier that elects to comply with the averaging standards contained in Table 2 or the PM shall offset each exceeded average standard within 90 days before or after beginning to transport any final blend of Arizona CBG or AZRBOB from the production or import facility; 2) A registered supplier that elects to comply with the averaging standard for the VOC Emission Reduction Percentage in Table 1, column B, shall offset an exceedance of the standard that occurs from May 1 to September 15 during that same period; and 3) A registered supplier that elects to comply with the averaging standard for the NOx Emission Reduction Percentage contained in Table 1, column B, shall offset an exceedance of the standard that occurs from May 1 to September 15 during that same period.
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N/A

Has the registered supplier elected to comply with the averaging standards for any of the fuel properties or performance standards? If No, proceed to Section K. If yes, answer the questions in each section below.

Yes No

Did the registered supplier offset each exceeded average standard within 90 days before or after beginning of transport?

Yes No N/A

Did the registered supplier offset each exceedance of the VOC Emission Reduction Percentage that occurred during the period May 1 to September 15 during that same period?

Yes No N/A

Did the registered supplier offset each exceedance of the NOx Emission Reduction Percentage that occurred during the period May 1 to September 15 during that same period?

Yes No N/A

Comments: _____

751(K)(1)	<p>Consequence of failure to comply with averages. 1) In addition to a penalty under R20-2-762, if any, a registered supplier that fails to comply with a requirement of subsection (J) shall meet the applicable per-gallon standards contained in Table 1, Table 2, or an alternative PM gasoline formulation, for a probationary period as follows:</p> <p>a) For a registered supplier that elects to comply with the standards contained in Table 1, the probationary period begins on the first day of the next averaging season and ends on the last day of that averaging season if the conditions of subsection (K)(2) are met;</p> <p>b) For a registered supplier that elects to comply with the standards contained in Table 2 or the PM, the probationary period begins no later than 90 days after the registered supplier determines, or receives a notice from the Director, that the registered supplier did not comply with the requirements of subsection (J). Before the probationary period begins, the registered supplier shall notify the Director in writing of the beginning dated of the probationary period. The probationary period ends 90 days after its beginning date.</p>
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N/A

Did the registered supplier fail to comply with a requirement of subsection (J)? If No, mark the following questions N/A and proceed to Section 752. If Yes, answer the following questions.

Yes No

Did the registered supplier elect to comply with Table 1 and did the probationary period begin on the first day of the next averaging season? If No, use the comments section to describe the issue(s).

Yes No N/A

If the registered supplier elected to comply with Table 2 or the PM, did the probationary period begin no later than 90 days after the registered supplier did not comply with the requirements of subsection (J)? If No, use the comments section to describe the issue.

Yes No N/A

Comments: _____

751(K)(2)	<p>2) A registered supplier shall not produce or import Arizona CBG or AZRBOB under an averaging compliance election until:</p> <p>a) The registered supplier submits a compliance plan to the Director that includes:</p> <p style="margin-left: 20px;">i) An implementation schedule for actions to correct noncompliance, and</p> <p style="margin-left: 20px;">ii) Reporting requirements that document implementation of the compliance plan.</p>
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N/A

Did the registered supplier submit a compliance plan that includes the above two criteria? If No, use the comments section to describe the issue.

Yes No N/A

Comments: _____

751(K)(3)	<p>3) If a registered supplier fails to comply with the requirements of subsection (J) within one year of the end of a probation period under subsection (K)((1), the registered supplier shall comply with applicable per-gallon standards for a subsequent probationary period of two years, or until the conditions in subsection (K)(2) are satisfied, whichever is later.</p> <p>a) If a registered supplier elects to comply with the Table 1 standards, the probationary period begins on the first day of the next averaging season.</p> <p>b) If a registered supplier elects to comply with the Table 2 standards or the PM, the probationary period begins no later than 90 days after the registered supplier determines, or receives a notice from the Director, that the registered supplier did not comply with the requirements of subsection (J). Before the probationary period begins, the registered supplier shall notify the Director in writing of the beginning date of the probationary period.</p>
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N/A

Did the registered supplier fail to comply with the requirements of subsection (J) within a year? If Yes, answer the following questions.

Yes No N/A

Did the registered supplier comply with applicable per-gallon standards for a probationary period of two years? If No, use the comments section to describe the issue(s).

Yes No N/A

Did the registered supplier elect to comply with Table 1 and did the probationary period begin on the first day of the next averaging season? If No, use the comments section to describe the issue(s).

Yes No N/A

Did the registered supplier elect to comply with Table 2 or the PM, did the probationary period being no later than 90 days after the registered supplier did not comply with the requirements of subsection (J)? If No, use the comments section to describe the issue(s).

Yes No N/A

Did the registered supplier notify the Director in writing of the beginning date of the probationary period? If No, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

751(K)(4)	<p>4) If a registered supplier fails to comply with the requirements of subsection (J) within one year after the end of a probationary period provided under subsection (K)(3), the registered supplier shall permanently comply with applicable per-gallon standards.</p>
<input type="checkbox"/> N/A	
<p><i>Did the registered supplier fail to comply with subsection (K)(3) within one year of the end of a probationary period? If Yes, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p><i>Did the registered supplier permanently comply with the per-gallon standards? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Comments: _____</p>	

751(L)	<p>Effect of VOC survey failure. Each time a VOC survey conducted under R20-2-760 shows excess VOC emissions in the CBG-covered area, the VOC emissions performance reduction in R20-2-751(A)(8) and the minimum per-gallon VOC emission reduction percentage in Table 1, column C shall be increased by an absolute 1.0 percent, not to exceed the VOC percentage emissions reductions percentage per-gallon standard in Table 1, column A.</p>
<p><i>No audit procedures are required for this subsection.</i></p>	

751(M)	<p>Effect of NOx survey failure. Each time a NOx survey conducted under R20-2-760 shows excess NOx emissions in the CBG-covered area, the NOx emissions performance reduction applicable to the period of May 1 through September 15 in Table 1, column B shall be increased by an absolute 1.0 percent.</p>
<p><i>No audit procedures are required for this subsection.</i></p>	

751(N)	<p>Subsequent survey compliance. If the minimum VOC or average NOx emissions reduction percentage has been made more stringent according to subsection (L) or (M) and all emissions reduction surveys for VOC or NOx for two consecutive years show emissions within the applicable adjusted reduction percentage in the CBG-covered area, the applicable VOC or NOx emissions adjusted reduction percentage shall be reduced by an absolute 1 percent beginning in the year following the second year of compliant surveys. Each emissions reduction percentage adjusted un this subsection shall not be decreased below the following:</p> <ol style="list-style-type: none"> 1) 27 percent for the VOC emissions reduction percentage, May 1 – September 15, Table 1, column C; and 2) 6.8 percent for the NOx emissions reduction percentage, May 1 – September 15, Table 1, column B.
<p><i>No audit procedures are required for this subsection.</i></p>	

751(O)	<p>Subsequent survey failures. If the minimum VOC or average NOx emissions reduction percentage has been made less stringent under subsection (N) and a subsequent VOC or NOx survey shows excess VOC or NOx emissions in the CBG-covered area:</p> <ol style="list-style-type: none"> 1) For a VOC survey failure, the Federal Complex Model VOC emissions reduction percentage in R20-2-751(A)(8) and the minimum per gallon VOC emission reduction percentage in Table 1, column C shall be increased by an absolute 1 percent, not to exceed the VOC percent emissions reduction percentage per gallon standard in Table 1, column A; 2) For a NOx survey failure, the NOx average emission reduction percentage applicable May 1 through September 15 in Table 1, column B shall be increased by an absolute 1.0 percent; and 3) If the VOC or NOx emission reduction percentage is increased under subsection (O)(10 or (O)(2), the VOC or NOx emission reduction percentage shall not be made less stringent regardless of the result of subsequent surveys for VOC or NOx emissions.
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No audit procedures are required for this subsection.

751(P)	<p>Effective date for adjusted standards. If a performance standard is adjusted by operation of subsection (L), (M), (N), or (O), the effective date for the change is the beginning of the next averaging season for which the standard is applicable.</p>
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No audit procedures are required for this subsection.

Section 751 Sign-off

		
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Signature

Date

R20-2-752: General Requirements for Registered Suppliers

**Applicable? YES ___ / NO ___ If not applicable, proceed to Section 753.
This section is only applicable for registered suppliers.**

752(A)

A registered supplier shall certify that each batch of Arizona CBG or AZRBOB transported for sale or use in the CBG-covered area meets the standards of this article.

N/A

Did the registered supplier to provide certain information to the ADWM regarding all batches of gasoline shipped into the CBG covered area. If No, use the comments section to describe the differences.

Yes No

Comments: _____

752(B)

A registered supplier shall make the certification on a form or in a format prescribed by the Director. The registered supplier shall include in the certification information on shipment volumes, fuel properties as determined under R20-2-759, and performance standards for each batch of Arizona CBG or AZRBOB. The registered supplier shall submit the certification to the Director on or before the 15th day of each month of each batch of Arizona CBG or AZRBOB transported during the previous month.

N/A

Has a sample been selected from the listing of batches?

Yes No

Did the registered supplier accurately report the shipment volumes? If No, list any exceptions in the table below.

Yes No

Date	Batch #	Reported	PTD	Variance	% Variance

Did the registered supplier accurately report the fuel parameter values? If No, list any exceptions in the table below.

Yes No

Date	Batch #	Property	UOM	Reported	Lab Analysis

Did the registered supplier accurately report the performance standard values? If No, list any exceptions in the table below.

Yes No

Date	Batch #	Property	UOM	Reported	Calculation

Did the registered supplier submit the required information to the Director on or before the 15th day of each month? If No, use the comments section to describe the differences.

Yes No

Comments: _____

752(C)(1)	<p>Recordkeeping and records retention.</p> <p>1) A registered supplier that samples and analyzes a final blend or shipment of Arizona CBG or AZRBOB under this Section shall maintain, for 5 years from the date of each sampling, records of the following:</p> <p>a) Sample date;</p> <p>b) Identity of blend or product sampled;</p> <p>c) Container or other vessel sampled;</p> <p>d) The final blend or shipment volume; and</p> <p>e) The test results for sulfur, aromatic hydrocarbon, olefin, oxygen, RVP, and as applicable, T50, T90, E200 and E300 as determined under R20-2-759.</p>
<input type="checkbox"/> N/A	
<p><i>Has the registered supplier maintained the correct information for five years? If No, use the comments section to describe the differences.</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Comments: _____</p>	

752(C)(2)	<p>2) If Arizona CBG or AZRBOB produced or imported by a registered supplier is not tested as required by this Section, the Director shall deem the Arizona CBG or AZRBOB to have a RVP, sulfur, aromatic hydrocarbon, olefin, oxygen, T50 and T90 that exceeds the standards specified in R20-2-751, or the comparable PM averaging limits, unless the registered supplier demonstrates to the Director that that the Arizona CBG or AZRBOB meets all applicable fuel property limits and performance standards.</p>
<input type="checkbox"/> N/A	
<p><i>Has the CBG or AZRBOB produced or imported by the registered supplier been tested as required by this section? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Comments: _____</p>	

752(C)(3)	<p>3) A registered supplier shall provide to the Director any records maintained by the registered supplier under this Section within 20 days of a written request from the Director. If a registered supplier fails to provide records for a blend or shipment of Arizona CBG or AZRBOB, the Director shall deem the final blend or shipment of Arizona CBG or AZRBOB in violation of R20-2-751, unless the registered supplier demonstrates to the Director that that the Arizona CBG or AZRBOB meets all applicable fuel property limits and performance standards.</p>
<input type="checkbox"/> N/A	
<p><i>Has the registered supplier provided to the Director any records maintained under this section upon a written request? If No, use the comments section to describe the differences.</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Comments: _____</p>	

752(D)	Notification requirement. A registered supplier shall notify the Director by fax before transporting Arizona CBG or AZRBOB into the CBG-covered area by means other than a pipeline.
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N/A

Did the registered supplier transport CBG or AZRBOB into the CBG-covered area by means other than pipeline? If No, proceed to subsection E. If yes, answer the question below.

Yes No

Did the registered supplier notify the Director before transporting CBG or AZRBOB? If No, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

752(E)	Quality Assurance and Quality Control (QA/QC) Program. A registered supplier shall develop a QA/QC program to demonstrate the accuracy and effectiveness of the registered supplier's laboratory testing of Arizona CBG or AZRBOB. The registered supplier shall submit the QA/QC program to the Director for approval at least three months before the registered supplier transports Arizona CBG or AZRBOB. Instead of developing a QA/QC program, a registered supplier may comply with the independent testing requirements of subsection (F).
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N/A

Has the registered supplier developed a QA/QC program? If No, proceed to subsection F. If yes, answer the questions below.

Yes No

Has the QA/QC program been approved by the Director? If No, use the comments section to describe the issue(s).

Yes No N/A

Date of Approval _____

Comments: _____

752(F)(a)	Independent testing.
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- 1) A registered supplier of Arizona CBG or AZRBOB that does not develop a QA/QC program shall conduct a program of independent sample collection and analysis for the Arizona CBG or AZRBOB produced or imported, that complies with one of the following:
- a) Option 1. A registered supplier shall for each batch of Arizona CBG or AZRBOB produced or imported, have an independent laboratory collect and analyze a representative sample from the batch using the methodology specified in R20-2-759 for compliance with each fuel property and performance standard for which the Arizona CBG or AZRBOB is certified.
 - b) Option 2. A registered supplier shall have an independent testing program for all Arizona CBG or AZRBOB that the registered supplier produces or imports that consists of the following:
 - i) An independent laboratory shall collect a representative sample from each batch;
 - ii) The Director or designee shall identify up to 10% of the samples collected under subsection (F)(1)(b)(i) for analysis; and
 - iii) The independent laboratory shall, for each sample identified by the Director or designee, analyze the sample using the methodology specified in R20-2-759 for compliance with each fuel property and performance standard for which the Arizona CBG or AZRBOB is certified.

N/A

Has the registered supplier elected to comply with the independent testing requirements of subsection (F)? If No, proceed to subsection G. If yes, answer the questions below.

Yes No

Which option has the registered supplier elected to comply with?

Option 1 (100/100), or Option 2 (100/10) N/A

If Option 1, has the independent laboratory sampled and tested 100% of the CBG or AZRBOB certified by the registered supplier? If No, use the comments section to describe the issue(s).

Yes No N/A

If Option 2, has the independent laboratory sampled 100% of the CBG or AZRBOB certified by the registered supplier? If No, use the comments section to describe the issue(s).

Yes No N/A

If Option 2, has the independent laboratory tested 10% of the CBG or AZROBO certified by the registered supplier? If No, use the comments section to describe the issue(s).

Yes No N/A

NOTE: The Director or designee may request in writing a duplicate of the batch sample collected under subsection (F)(1)(a) or (F)(1)(b) for analysis by a laboratory selected by the Director or designee. The registered supplier shall submit a duplicated of the sample to the Director within 24 hours of the written request.

Comments: _____

752(F)(b)

2) Designation of independent laboratory.

	<p>a) A registered supplier that does not develop a QA/QC program shall designate one independent laboratory for each production or import facility at which the registered supplier produces or imports Arizona CBG or AZRBOB. The independent laboratory shall collect samples and perform analyses according to subsection (F).</p> <p>b) A registered supplier shall identify the designated independent laboratory to the Director under the registration requirements of R20-2-750.</p> <p>c) A laboratory is considered independent if:</p> <ul style="list-style-type: none"> i) The laboratory is not operated by a registered supplier or the registered supplier's subsidiary or employee; ii) The laboratory does not have any interest in any registered supplier; and iii) The registered supplier does not have any interest in the designated laboratory. <p>d) Notwithstanding the restrictions in subsection (F)(3)(c), the Director shall consider a laboratory independent if it is owned or operated by a pipeline owned or operated by four or more registered suppliers.</p> <p>e) A registered supplier shall not use a laboratory that is debarred, suspended or proposed for debarment according to the Government-wide Debarment and Suspension regulations 40 CFR 32, or the Debarment, Suspension and Ineligibility provisions of the Federal Acquisition Regulations, 48 CFR 9.4.</p>
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N/A

Has the registered supplier designated one independent laboratory?

Yes No N/A

Has the registered supplier identified the independent laboratory as part of the registration?

Yes No N/A

Is the laboratory independent based on the above three criteria?

Yes No N/A

Is the laboratory owned by a pipeline or four or more registered suppliers?

Yes No N/A

If No to any of the above, use the comments section to describe the issue(s).

Has the laboratory been debarred, suspend or proposed for debarment? If Yes, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

752(F)(c)	3) A registered supplier shall ensure that its designated independent laboratory:
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- a) Records the following at the time the designated independent laboratory collects a representative sample from a batch of Arizona CBG or AZRBOB:
 - i) The producer's or importer's assigned batch number for the batch being sampled;
 - ii) The volume of the batch;
 - iii) The identification number of the gasoline storage tank into which the batch is stored at the time the sample is collected;
 - iv) The date and time the batch became Arizona CBG or AZRBOB;
 - v) The date and time the sample is collected;
 - vi) The grade of the batch (for example (unleaded premium, unleaded mid-grade or unleaded); and
 - vii) For Arizona CBG or AZRBOB produced by computer-controlled in-line blending, the date and time the blending process began and the date and time the blending process ended, unless exempt under subsection (G);
- b) Retains each sample collected under this subsection for at least 45 days, unless the time is extended by the Director for up to 180 days.
- c) Submits to the Director a quarterly report on the 15th day of January, April, July and October of each year that includes, for each sample of Arizona CBG or AZRBOB analyzed under subsection (F):
 - i) The results of the independent laboratory's analyses for each fuel property, and
 - ii) The information specified in subsection (F)(4)(a) for each sample; and
- d) Supplies to the Directory, upon request, a duplicate of the sample.

N/A

Did the registered supplier do all the above actions? If No, use the comments section to describe the differences.

Yes No N/A

Comments: _____

registered supplier that produces or imports Arizona CBG or AZRBOB using computer-controlled in-line blending equipment and operates under an exemption from EPA under 40 CFR 80.65(f)(iv) is exempt from the requirements of subsections (E) and (F), if reports of the results of the independent audit program of the registered supplier's computer-controlled in-line blending operation, which are submitted to EPA under 40 CFR\$ 80.65(f)(iv), are submitted to the Director by March 1 of each year.

N/A

Does the registered supplier have an in-line blending waiver issued by EPA? If No, proceed to subsection H. If yes, answer the question below.

Yes No

Did the registered supplier provide the Director a copy of the in-line blending attest report? If No, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

752(H)

1) Use of laboratory analysis for certification of Arizona CBG or AZRBOB. If both a registered supplier and an independent laboratory collect a sample from the same batch

of Arizona CBG or AZRBOB and perform a laboratory analysis under subsection (F) to determine compliance of the sample with a fuel property, the registered supplier and independent laboratory shall use the same test methodology. The results of the analysis conducted by the registered supplier shall be used for certification of the Arizona CBG or AZRBOB under subsection (B), unless the absolute value of the difference between the two results is larger than the values in **Appendix 3** of this protocol.

- 2) If the absolute value of the difference between the results of the analyses conducted by the registered supplier and independent laboratory is larger than the values in **Appendix 3** of this protocol, the registered supplier shall use one of the following for certification of the batch of Arizona CBG or AZRBOB under subsection (B):
- a) The larger of the two values for each fuel property, except the smaller of the two values shall be used for measures of oxygenates; or
 - b) Have a second independent laboratory analyze the Arizona CBG or AZRBOB for each fuel property. If the difference between the results obtained by the second independent laboratory and those obtained by the registered supplier are within the range listed in **Appendix 3**, the registered suppliers results shall be used for certifying the Arizona CBG or AZRBOB under subsection (B).

N/A

Did the registered supplier elect to comply with the independent testing requirements of subsection (F)? If No, proceed to Section 753. If yes, answer the questions below.

Yes No

*Did the registered supplier compare the refinery and independent laboratory results for the same batch and determine if any property difference was in excess of the allowable differences in **Appendix 3** of this protocol?*

Yes No N/A

Did the registered supplier use the proper laboratory results for reporting under subsection (B)? If No, list any exceptions in the table below.

Date	Batch #	Property	UOM	Lab Result	Facility Result	Reported Result	Variance	752(H) Limits

Comments: _____

Section 752 Sign-off

		
Signature		Date

R20-2-753: General Requirements for Pipelines and Third-Party Terminals

**Applicable? YES ___ / NO ___ If not applicable, proceed to Section 754.
This section is only applicable for pipelines and third-party terminals.**

753(A)	<p>A pipeline or third-party terminal shall not accept Arizona CBG or AZRBOB for transport unless:</p> <ol style="list-style-type: none"> 1) The Arizona CBG or AZRBOB is physically transferred from an importer, refiner, oxygenate blender, pipeline or third-party terminal registered with the Department under R20-2-750; and 2) The Registered supplier provides written verification that the gasoline is Arizona CBG or AZRBOB and complies with the standards in R20-2-751(A) or (B), as applicable, without reproducibility or numerical rounding.
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N/A

Has the registered pipeline or third-party terminal accepted CBG or AZRBOB from a non-registered supplier? If Yes, use the comments section to describe the issue(s).

Yes No

Comments: _____

753(B)	<p>A pipeline or third-party terminal that transports Arizona CBG or AZRBOB shall collect a sample of each incoming batch. The pipeline or third-party terminal shall retain the sample for at least 30 days unless this time is extended for an individual sample for up to 180 days by the Director.</p>
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N/A

Has the pipeline or third-party terminal collected a sample of each incoming batch? If No, use the comments section to describe the issue(s).

Yes No

Has the pipeline or third-party terminal retained the sample of each incoming batch for at least 30 days? If No, use the comments section to describe the issue(s).

Yes No

Comments: _____

753(C)	<p>A pipeline shall conduct quality control testing of Arizona CBG or AZRBOB at a frequency of at least one sample from one batch completing shipment for each</p>
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	registered supplier each day at each input location.
<input type="checkbox"/> N/A	
<i>Is the pipeline collecting the required samples? If No, use the comments section to describe the issue(s).</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>Are the samples being tested under the quality control program? If No, use the comments section to describe the issue(s).</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Comments: _____	

753(D)	A pipeline shall provide the Director with a report summarizing the quality control testing results obtained under subsection (C) within 10 days of the end of each month. The report shall contain the quantity of Arizona CBG or AZRBOB, date tendered, whether the Arizona CBG or AZRBOB was transported by pipeline, present sample location and laboratory analysis results.
<input type="checkbox"/> N/A	
<i>Is the pipeline generating and submitting the required reports? If No, use the comments section to describe the issue(s).</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>Do the reports contain the proper information? If No, use the comments section to describe the issue(s).</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Comments: _____	

753(E)	If a batch does not meet the standards in R20-2-751(A) or (B), as applicable, but is within reproducibility, the pipeline shall notify the Director by fax within 48 hours of the batch volume and date tendered, proposed shipment date, whether
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	the batch was transported by pipeline, present batch location and laboratory analysis results.
<input type="checkbox"/> N/A	
<i>Have there been any batches that do not meet the standards in 751(A) or (B), but have been within reproducibility? If Yes, use the comments section to describe the issue(s).</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>Has the pipeline reported this to the Director within 48 hours?</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<i>Comments:</i> _____	

753(F)	If a batch does not meet the standards in R20-2-751(A) or (B), as applicable, including reproducibility, the pipeline or third-party terminal shall notify the Director by fax within 24 hours of the batch quantity and date tendered, proposed shipment date, whether the batch was transported by pipeline, present batch location and laboratory analysis results. If the batch is in the pipeline or third-party terminal's control, the pipeline or third-party terminal shall prevent release of the batch from a distribution point until the batch is certified as meeting the standards in R20-2-751(A) or (B).
<input type="checkbox"/> N/A	
<i>Have there been any batches that do not meet the standards in 751(A) or (B), and are not within reproducibility? If Yes, use the comments section to describe the issue(s).</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>Has the pipeline reported this to the Director within 24 hours?</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<i>Was the batch still within the pipeline or third-party terminal's control when it was discovered that it did not meet the standards in 751(A) or (B)?</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<i>Did the pipeline or third-party terminal prevent the release of the non-compliant batch?</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<i>Comments:</i> _____	

753(G)	A pipeline or third-party terminal shall develop a QA/QC program to demonstrate the accuracy and effectiveness of the pipeline's or third-party terminal's laboratory testing. The QA/QC program for a pipeline or third party terminal shall include a description of the laboratory testing protocol used to verify that the Arizona CBG
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or AZRBOB transported to the CBG-covered area meets the standards in R20-2-751(A) or (B). A pipeline or third-party terminal shall submit the QA/QC program to the Director for approval at least three months before the pipeline or third-party terminal begins to transport Arizona CBG or AZRBOB. The Director shall approve a QA/QC program only if the Director determines that the QA/QC program ensures that the pipeline's or third-party terminal's laboratory testing produces data that are complete, accurate and reproducible. If a pipeline or third-party terminal makes significant changes to the QA/QC program, the pipeline or third-party terminal shall resubmit the QA/QC program to the Director for review and approval. Within 30 days of receiving the changed QA/QC program, the Director shall determine whether the changed QA/QC program meets the quality objectives originally approved by the Department. The Director shall approve the changed QA/QC program if it meets the quality objectives.

N/A

Has the pipeline or third-party terminal developed a QA/QC program?

Yes No

Does the program for the pipeline or third-party terminal include the above information? If No, use the comments section to describe the issue(s).

Yes No N/A

Has the pipeline or third-party terminal submitted the QA/QC program three months prior to the beginning of the transport of CBG or AZRBOB? If No, use the comments section to describe the issue(s).

Yes No N/A

Has the Director approved the QA/QC program? If No, use the comments section to describe the issue(s).

Yes No N/A

Has the pipeline or third-party terminal made substantial changes to the QA/QC program? If Yes, use the comments section to describe the issue(s).

Yes No N/A

Has the pipeline or third-party terminal resubmitted the changed QA/QC program to the Director?

Yes No N/A

Has the directed approved the changed QA/QC program?

Yes No N/A

Comments: _____

753(H)

A portion of a facility that a third-party terminal uses for production, import or oxygenate blending is exempt from this Section, but the third-party terminal shall operate the exempt portion of the facility in compliance with requirements for registered suppliers in R20-2-752 and

	oxygenate blenders in R20-2-755, as applicable.
<i>No audit procedures are required for this subsection.</i>	

753(I)	A pipeline is not liable under R20-20-761 if it follows all of the procedures in this Section.
<i>No audit procedures are required for this subsection.</i>	

Section 753 Sign-off		
		
Signature		Date

R20-2-754: Downstream Blending Exceptions for Transmix

Applicable? YES ___ / NO ___ If not applicable, proceed to Section 755. This section is only applicable for facilities blending transmix into Arizona CBG or AZRBOB.

754(A)	<p>Pipelines may blend transmix into Arizona CBG or AZRBOB at a rate not to exceed ¼ of 1% by volume. Each pipeline shall document the transmix blending (recording each batch and volume of transmix blended) and maintain the records at the terminal for two years from the date of blending.</p>
<input type="checkbox"/> N/A	
<p><i>Does the pipeline blend transmix into CBG or AZRBOB at a rate not to exceed ¼ of 1% by volume?</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p><i>Does the pipeline have documents recording each batch and volume of transmix blended?</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p><i>If No to any of the above, use the comments section to describe the issue(s).</i></p> <p>Comments: _____</p>	

754(B)	<p>One of two methods shall be used to measure the transmix as it is blended into the product stream:</p> <p>1) Meters, calibrated at least twice each year; or</p> <p>2) Tank gauge as per API Manual of Petroleum Measurement Standards, Chapters 3.1A (1st edition, December 1994) and 3.1B (1st edition, April 1992), incorporated by reference and on file with the Department and the Office of the Secretary of State. A copy may also be obtained at American Petroleum Institute, 1220 L St., N.W., Washington, D.C. 20045-4070. This incorporation by reference contains no future editions or amendments.</p>
<input type="checkbox"/> N/A	
<p><i>Does the pipeline use meters or tank gauges?</i></p> <p><input type="checkbox"/> Meters <input type="checkbox"/> Tank Gauges</p>	
<p><i>If meters are used, are they calibrated at least twice a year? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	
<p>Comments: _____</p>	

Section 754 Sign-off		
<p>_____</p>		<p>_____</p>
Signature		Date

R20-2-755: Additional Requirements for AZRBOB and Downstream Oxygenate Blending

Applicable? YES ____ / NO ____ If not applicable, proceed to Section 756. This section is only applicable for registered suppliers and downstream oxygenate blenders.

755(A)(1)(a)	<p>Application of Arizona CBG standards to AZRBOB.</p> <p>1) Determining whether AZRBOB complies with Arizona CBG standards.</p> <p>a) If a registered supplier designates a final blend as AZRBOB and complies with the provisions of this Section, the fuel properties and performance standards of the AZRBOB, for purposes of compliance with Table 2, are determined by adding the specified amount of fuel ethanol to a representative sample of the AZRBOB and testing the resulting gasoline using the test methods in R20-2-759 or certifying the AZRBOB using the CARBOB model. If the registered supplier designates a range of amounts of fuel ethanol to be added to the AZRBOB, the minimum designated amount of fuel ethanol shall be added to the AZRBOB to determine the fuel properties and performance standards of the resulting Arizona CBG. If a registered supplier does not comply with this subsection, the Department shall determine whether the AZRBOB complies with applicable fuel properties and performance standards, excluding requirements for RVP without adding fuel ethanol to the AZRBOB.</p>
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N/A

Is the facility under review a registered supplier? If No, proceed to subsection (1).

Yes No

Has the registered supplier produced AZRBOB? If Yes, complete the following question.

Yes No N/A

Has the registered supplier produced AZRBOB by preparing and analyzing a hand blend or by the use of the CARBOB model?

Hand Blend CARBOB N/A

Has the registered supplier designated a range of amounts?

Yes No N/A

Has the registered supplier added the minimum designated amount of ethanol to the hand blend?

Yes No N/A

Is the registered supplier using the appropriate test methods, as noted in R20-2-759?

Yes No N/A

NOTE: IF THIS SECTION HAS NOT BEEN APPROVED BY EPA, PERFORM THE ABOVE PROCEDURE WITH THE EXCEPTION THAT THE WORD "ETHANOL" IS REPLACED WITH "OXYGENATES" AND DISALLOW THE USE OF THE CARBOB MODEL.

Comments: _____

755(A)(1)(b)	<p>b) In determining whether AZRBOB complies with the Arizona CBG standards, the registered supplier shall ensure that the fuel ethanol added to the representative sample under subsection (A)(1)(a) is representative of the fuel ethanol the registered supplier reasonably expects will be subsequently added to the AZRBOB.</p>
<input type="checkbox"/> N/A	
<p><i>Has the registered supplier used ethanol in the hand blend that is representative of the ethanol that will be subsequently added to the AZRBOB? If No, use the comments section to describe the issues.</i></p>	
<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Comments: _____</p>	

755(A)(2)	<p>2) Calculating the volume of AZRBOB. If a registered supplier designates a final blend as AZRBOB and complies with this Section, the volume of AZRBOB is calculated for compliance purposes under R20-2-751 by adding the minimum amount of fuel ethanol designated by the registered supplier. If a registered supplier fails to comply with this subsection, the Department shall calculate the volume of AZRBOB for purposes of compliance with applicable fuel properties and performance standards without adding the amount of fuel ethanol to the AZRBOB.</p>
<input type="checkbox"/> N/A	
<p><i>Has the registered supplier reported the volume of the AZRBOB including the minimum amount of ethanol designated by the registered supplier? If No, use the comments section to describe the issue(s).</i></p>	
<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Comments: _____</p>	

755(B)	<p>Restrictions on transferring AZRBOB.</p> <p>1) A person shall not transfer ownership or custody of AZRBOB to any other person unless the transferee notifies the transferor in writing that:</p> <p style="margin-left: 20px;">a) The transferee is a registered oxygenate blender and will add fuel ethanol in the amount (or within the range of amounts) designated in R20-2-757 before the AZRBOB is transferred from a final distribution facility, or</p> <p style="margin-left: 20px;">b) The transferee will take all reasonably prudent steps necessary to ensure that the AZRBOB is transferred to a registered oxygenate blender that adds the amount (or within the range of amounts) of fuel ethanol designated in R20-2-757 to the AZRBOB before the AZRBOB is transferred from a final distribution facility.</p> <p>2) A person shall not sell or supply Arizona CBG from a final distribution facility if the amount or range of amounts of fuel ethanol designated in R20-2-757 has not been added to the AZRBOB.</p>
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N/A

Has the registered supplier transferred the AZRBOB to a registered oxygenate blender? If No, use the comments section to describe the issue(s).

Yes No

Has the original transferee taken all reasonable steps necessary to ensure that the AZRBOB is transferred to a registered oxygenate blender that will add the required amount of ethanol prior to the AZRBOB being transferred from a final distribution facility? If No, use the comments section to describe the issue(s).

Yes No

Has the final distribution facility added the required amounts of ethanol prior to shipment? If No, use the comments section to describe the issue(s).

Yes No

Comments: _____

755(C)

Restrictions on blending AZRBOB with other products.

A person shall not combine AZRBOB supplied from the facility at which the AZRBOB is produced or imported with any other AZRBOB, gasoline, blendstock or oxygenate, except for:

- 1) Fuel ethanol in the amount (or within the range of amounts) specified by the registered supplier at the time the AZRBOB is supplied from the production or import facility, or
- 2) Other AZRBOB for which the same fuel ethanol amount (or range of amounts) is specified by the registered supplier at the time the AZRBOB is supplied from the production or import facility.

N/A

Has the AZRBOB been combined with any other products?

Yes No

Was that product ethanol in the amount required by the registered supplier?

Yes No

Was that product AZRBOB for which the same ethanol amount is specified by the registered supplier?

Yes No

Comments: _____

755(D)	<p>Quality assurance sampling and testing requirements for a registered supplier supplying AZRBOB from a production or import facility.</p> <p>A registered supplier supplying AZRBOB from a production or import facility shall use an independent third-party quality assurance sampling and testing program as described in subsection (E) or conduct a quality assurance sampling and testing program that meets the requirements of 40 CFR 80.69(a)(7), as it existed on July 1, 1996, except for the changes listed in subsections (D)(1) through (D)(3), 40 CFR 80.69(a)(7), July 1, 1996, is incorporated by reference and on file with the Department. (Appendix 4, to this Protocol) A copy may be obtained at the U.S. Government Printing Office, Superintendent of Documents, Mail Stop: SSOP, Washington, D.C. 20402-9328. The material incorporated includes no future editions or amendments.</p> <p>1) 40 CFR 80(a)(7), the word “RBOB” is changed to read “AZRBOB”;</p> <p>2) 40 CFR 80(a)(7), “...using the methodology specified in 80.46...” is changed to read “...using metrology specified in R20-2-759...” and</p> <p>3) 40 CFR 80(a)(7)(ii), “(within the correlation ranges specified in 80.69(e)(2)(i))” is changed to read “(within the ranges of the applicable test methods).”</p>
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N/A

Has the registered supplier used an independent third-party quality assurance sampling and testing program or are they conducting a quality assurance sampling and testing program that meets the requirements of 40 CFR 80.69(a)(7) as changed above?

Third Party *40 CFR 80.69(a)(7)*

*If using a third party program, proceed to subsection (E), below. If using 80.69, answer the questions in **Appendix 4**.*

Comments: _____

755(E)

General requirements for an independent third-party quality assurance sampling and testing program.

A registered supplier may contract with an independent third party that conducts a quality assurance sampling and testing program for one or more registered suppliers. The registered supplier shall ensure that the quality assurance sampling and testing program:

- 1) Is designed and conducted by a third party that is independent of the registered supplier. To be independent:
 - a) The third party shall not be an employee of a registered supplier,
 - b) The third party shall not have an obligation to or an interest in any registered supplier, and
 - c) The registered supplier shall not have an obligation to or interest in the third party;
- 2) Is conducted from November 1 through January 31 on all samples collected under the program design previously approved by the Director under subsection (G);
- 3) Involves sampling and testing that is representative of all Arizona CBG dispensed in the CBG covered area;
- 4) Analyzes each sample for oxygenate according to the methodologies specified in R20-2-759;
- 5) Bases results on an analysis of each sample collected during the sampling period unless a specific sample does not comply with the applicable per gallon maximum or minimum standards for the fuel property being evaluated in addition to any reproducibility applicable to the fuel property;
- 6) Participates in a correlation program with the Director to ensure the validity of analysis results;
- 7) Does not provide advance notice, except as provided in subsection (F) , of the date or location of any sampling;
- 8) Provides a duplicate of any sample, with information regarding where and the date on which the sample was collected, upon request of the Director, within 30 days after submitting the report required under subsection (E)(10);
- 9) Permits a Department official to monitor sample collection, transportation, storage and analysis at any time; and
- 10) Prepares and submits a report to the Director within 30 days after the sampling is completed that includes the following information:
 - a) Name of the person collecting the samples;
 - b) Attestation by an officer of the third party that the sampling and testing was done according to the program plan approved by the Director under subsection (G) and the results are accurate;
 - c) Identification of the registered supplier for whom the sampling and testing program was conducted if the sampling and testing program was conducted for only one registered supplier;
 - d) Identification of the area from which the samples were collected;
 - e) Address of each motor fuel dispensing site from which a sample was collected;
 - f) Dates on which the samples were collected;
 - g) Results of the analysis of the samples for oxygenate type and oxygen weight percent, aromatic hydrocarbon and olefin content, E200, E300 and RVP and the calculated VOC or NOx emissions reduction percentage, as applicable;
 - h) Name and address of each laboratory at which the samples were analyzed;
 - i) Description of the method used to select the motor fuel dispensing sites from which a sample was taken;
 - j) Number of samples collected at each motor fuel dispensing site; and
 - k) Justification for excluding a collected sample if one was excluded.

755(E)	Continued from previous page.
<input type="checkbox"/> N/A	
<p><i>Has the registered supplier ensured that the program meets the criteria mentioned above? If No, use the comments section to describe the issue(s).</i></p> <p>Comments: _____</p> <p>_____</p>	

755(F)	An independent third party that contracts with one or more registered suppliers to conduct a quality assurance sampling and testing program shall begin the sampling on the date selected by the Director. The Director shall inform the third party of the date selected at least 10 business days before sampling is to begin.
<p><i>No audit procedures are required for this subsection.</i></p>	

755(G)	<p>To obtain the Director’s approval of an independent third-party quality assurance sampling and testing program plan, the person seeking the approval shall:</p> <ol style="list-style-type: none"> 1) Submit the plan to the director no later than January 1 to cover the sampling and testing period from November 1 through January 31 of each year, and 2) Have the plan signed by an officer of the third party that will conduct the sampling and testing program.
<p><i>No audit procedures are required for this subsection.</i></p>	

755(H)

No later than September 1 of each year, a resisted supplier that intends to meet the requirements in subsection (D) by contracting with an independent third party to conduct quality assurance sampling and testing from November 1 through January 31 shall enter into the contract and pay all of the money necessary to conduct the sampling and testing program. The registered supplier may pay the money necessary to conduct the sampling and testing program to the third party or to an escrow account with instructions to the escrow agent to release the money to the third party as the testing program is implemented. No later than September 15, the registered supplier shall submit to the Director a copy of the contract with the third party, proof that the money necessary to conduct the sampling and testing program has been paid, and, if applicable, a copy of the escrow agreement.

N/A

Has the registered supplier entered into a contract with an independent third party to conduct quality assurance sampling and testing by September 1 of each compliance year?

Yes No

Has the registered supplier paid the third party?

Yes No

Has the registered supplier paid the third-party via an escrow account?

Yes No

Has the registered supplier notified the director by September 15 of the contract with the third-party along with proof that the money has been paid, or a copy of the escrow agreement?

Yes No

If No to the previous questions, use the comments section to describe the issue(s).

Comments: _____

755(I)(1)	<p>Requirements for oxygenate blenders.</p> <p>1) Requirement to add fuel ethanol to AZRBOB. If an oxygenate blender receives AZRBOB from a transferor to whom the oxygenate blender represents that fuel ethanol will be added to the AZRBOB, the oxygenate blender shall add fuel ethanol to the AZRBOB in the amount (or within the range of amounts) identified in the documentation accompanying the AZRBOB.</p>
<input type="checkbox"/> N/A	
<p><i>Is the facility under review an oxygenate blender? If No, proceed to section 756.</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Has the oxygenate blender added the ethanol to the AZRBOB in the amount identified in the documentation accompanying the AZRBOB? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Comments: _____</p>	

755(I)(2)	<p>2) Additional requirements for oxygenate blending at terminals. An oxygenate blender that makes Arizona CBG by blending fuel ethanol with AZRBOB in a motor fuel storage tank, other than a truck used to deliver motor fuel to a retail outlet or bulk-purchaser consumer facility, shall determine the oxygen content and volume of the Arizona CBG before shipping, by collecting and analyzing a representative sample of the Arizona CBG, using methodology in R20-2-759.</p>
<input type="checkbox"/> N/A	
<p><i>Has the oxygenate blender, if blending AZRBOB and ethanol in a tank, collected and analyzed a representative sample using the methods in R20-2-759? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Comments: _____</p>	

755(I)(3)	<p>3) Additional requirement for oxygenate blending in trucks. An oxygenate blender that blends AZRBOB in a motor fuel deliver truck shall conduct a quality assurance sampling and testing program that meets the requirements of 40 CFR 80.69(e)(2), as it existed on July 1, 1996, except for the changes listed in subsections (I)(3)(a) through (I)(3)(c), 40 CFR 80.69(e)(2), July 1, 1996, is incorporated by reference and on file with the Department. A copy may be obtained at the U.S. Government Printing Office, Superintendent of Documents, Mail Stop: SSOP, Washington, D.C. 20402-9328. The material incorporated includes no future editions or amendments.</p> <p>a) 40 CFR 80(a)(7), the word “RBOB” is changed to read “AZRBOB”;</p> <p>b) 40 CFR 80(a)(7), “...using the methodology specified in 80.46...” is changed to read “...using methodology specified in R20-2-759...” and</p> <p>c) 40 CFR 80(a)(7)(ii), “(within the correlation ranges specified in 80.69(e)(2)(i))” is changed to read “(within the ranges of the applicable test methods).”</p>
<input type="checkbox"/> N/A	
<p><i>Does the oxygenate blender combine the AZRBOB and ethanol in trucks? If Yes, answer the questions in Appendix 5.</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Comments: _____</p>	

755(I)(4)(a)	<p>4) Additional requirements of in-line oxygenate blending in pipelines using computer controlled blending.</p> <p>a) An oxygenate blender that produces Arizona CBG by blending fuel ethanol with AZRBOB into a pipeline using computer controlled in-line blending shall, for each batch of Arizona CBG produced:</p> <p>i) Obtain a flow proportional composite sample after the addition of fuel ethanol and before combining the resulting Arizona CBG with any other Arizona CBG;</p> <p>ii) Determine the oxygen content of the Arizona CBG by analyzing the composite sample within 24 hours of blending using the methodology in R20-2-759; and</p> <p>iii) Determine the volume of the resulting Arizona CBG.</p>
<input type="checkbox"/> N/A	
<p><i>Has the oxygenate blender performed in-line oxygenate blending in pipelines? If No, proceed to subsection (5).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p><i>Has the oxygenate blender performed complied with the requirements mentioned above? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Comments: _____</p>	

755(I)(4)(b)	<p>If the test results for the Arizona CBG indicate that it does not contain the fuel ethanol specified by the ranges of the applicable test methods, the oxygenate blender shall:</p> <ul style="list-style-type: none"> i) Notify the pipeline to downgrade the Arizona CBG to conventional gasoline or transmix upon arrival in Arizona; ii) Begin an investigation to determine the cause of the non-compliance; iii) Collect a representative sample every two hours during each in-line blend of AZRBOB and fuel ethanol, and analyze the samples within 12 hours of collection, until the cause of the noncompliance is determined and corrected and iv) Notify the Director in writing within one business day that the Arizona CBG does not comply with the requirements of this Article. <p>c) The oxygenate blender shall comply with subsection (I)(4)(b)(iii) until the Director determines that the corrective action has remedied the noncompliance.</p>
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N/A

If the test results indicate that the resulting CBG does not contain the required ethanol, has the oxygenate blender performed all of the above mentioned items?

Yes No N/A

Has the oxygenate blender taken samples every two hours during each subsequent blend until the Director indicates that the corrective action has remedied the noncompliance?

Yes No N/A

Comments: _____

755(I)(5)	<p>5) Recording keeping and records retention.</p> <ul style="list-style-type: none"> a) An oxygenate blender shall maintain, for five years form the date of each sampling: <ul style="list-style-type: none"> i) Sample date, ii) Identity of blend or product sampled, iii) Container or other vessel sampled, iv) Volume of final blend or shipment, v) Oxygen content as determined under R20-2-759, and vi) Results from all testing. b) The Director shall deem that Arizona CBG blended by an oxygenate blender and not tested and documented as required by this Section has an oxygen content that exceeds the standards specified in R20-2-751 or exceed the comparable PM averaging limits, if applicable, unless the oxygenate blender demonstrates to the Director that the Arizona CBG meets the standards in R20-2-751.
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N/A

Has the oxygenate blender kept the above mentioned documents for 5 years?

Yes No N/A

Comments: _____

755(I)(6)	<p>6) Notification requirement. An oxygenate blender shall notify the Directory by fax before transporting Arizona CBG or AZRBOB into the CBG-covered area by a means other than pipeline.</p>
<input type="checkbox"/> N/A	
<p><i>Has the oxygenate blender notified the Director by fax before transporting CBG or AZRBOB into the CBG-covered area by means other than pipeline? If No, use the comments section to describe the issue(s).</i></p>	
<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	
<p>Comments: _____</p>	

755(I)(7)	<p>7) Quality assurance and quality control (QA/QC) program. An oxygenate blender that conducts sampling and testing under subsection (I) in the oxygenate blenders' own laboratory shall develop a QA/QC program to demonstrate the accuracy and effectiveness of the oxygenate blender's sampling and testing of Arizona CBG or AZRBOB. The oxygenate blender shall submit the QA/AC program to the Director for approval at least three months before transporting Arizona CBG. The Director shall approve a QA/QC program only if the Director determines that the QA/QC program ensures that the oxygenate blender's sampling and testing produces data that are complete, accurate and reproducible. Instead of developing a QA/QC program, an oxygenate blender may comply with the independent testing requirements of R20-2-752(F), except that, for sampling and testing conducted under subsection (I)(3), the minimum number of samples collected and tested by the independent laboratory shall be 10% of the number of samples required to be collected and tested under subsection (I).</p>
<input type="checkbox"/> N/A	
<p><i>Does the oxygenate blender conduct sampling and testing in its own laboratory? If Yes, answer the following questions. If No, go to subsection (8), below.</i></p>	
<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	
<p><i>Has the oxygenate blender chosen to submit a QA/QC plan or comply with the requirements of R20-2-752(F)? If they chose the QA/QC plan, answer the following questions. If they chose to comply with R20-2-752, answer the questions in Appendix 10.</i></p>	
<p><input type="checkbox"/> QA/QC plan <input type="checkbox"/> R20-2-752 <input type="checkbox"/> N/A</p>	
<p><i>Has the oxygenate blender submitted to the Director at least three months prior to the transporting of CBG? If No, use the comments section to describe the issue(s).</i></p>	
<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	
<p><i>Has the Director approved the plan? If No, use the comments section to describe the issue(s).</i></p>	
<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	

Comments: _____

755(I)(8) 8) An oxygenate blender that does not conduct laboratory sampling and testing required under subsection (I) in its own laboratory shall designate an independent laboratory, a described in R20-2-752(F), to conduct the sampling and testing required under subsection (I)(7).

N/A

Has the oxygenate blender designated an independent laboratory?

Yes No N/A

If Yes, list the name of the independent laboratory: _____

Comments: _____

755(I)(9) 9) Within 24 hours of the Director's or designee's written request, an oxygenate blender shall submit a duplicate of any sample collected under subsection (I)(7).

N/A

Did the oxygenate blender submit a sample to the Director within 24 hours of his request? If No, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

755(J) Subsection (A)(1)(a) will not become effective until Arizona's revised State Implantation Plan regarding CARB 3 is approved by EPA.

No audit procedures are required for this subsection.

Section 755 Sign-off



Signature

Date

R20-2-756: Downstream Blending of Arizona CBG with Non-oxygenate Blendstocks

Applicable? YES ___ / NO ___ If not applicable, proceed to Section 757. This section is only applicable for facilities blending Arizona CBG with non-oxygenate blendstocks.

756(A)

A person shall not combine Arizona CBG supplied from a production or import facility with any non-oxygenate blendstock, other than vapor recovery condensate, unless the person demonstrates to the Director:

1. The blendstock added to the Arizona CBG meets all of the Arizona CBG standards regardless of the fuel properties and performance standards of the Arizona CBG to which the blendstock is added; and
2. The person meets the requirements in this Article applicable to producers of Arizona CBG.

N/A

Has any CBG been combined with any non-oxygenate blendstock other than vapor recover condensate?

Yes No

If Yes, has the above mentioned been demonstrated to the Director? If No, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

756(B)

Notwithstanding subsection (A), a person may add non-oxygenate blendstock to a previously certified batch or mixture of certified batches of Arizona CBG that does not comply with one or more of the applicable per-gallon standards contained in R20-2-751(A) or (B) if the person obtains prior written approval from the Director based on a demonstration that adding the blendstock will bring the previously certified Arizona CBG into compliance with the applicable per-gallon standards for Arizona CBG. The oxygenate blender or registered supplier shall certify the re-blended Arizona CBG to the Department.

N/A

Has the Director approved the addition of non-oxygenate blendstock with CBG? If Yes, obtain a copy of the approval letter.

Yes No N/A

Has the oxygenate blender or registered supplier certified the re-blended CBG to the Department? If No, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

Section 756 Sign-off



R20-2-757: Product Transfer Documentation; Records Retention

757(A)

If a person transfers custody or title to Arizona CBG or AZRBOB, other than when Arizona CBG is sold or dispensed at a motor fuel dispensing site or fleet vehicle fueling facility, the transferor shall provide to the transferee documents that include the following:

Does the transferor provide the transferee PTD's containing the following information:

- 1. Name and address of the transferor;
- 2. Name and address of the transferee;
- 3. Volume of Arizona CBG or AZRBOB being transferred;
- 4. Location of the Arizona CBG or AZRBOB at the time of transfer;
- 5. Date of the transfer;
- 6. Product transfer document number;
- 7. Identification of the gasoline as Arizona CBG or AZRBOB;
- 8. Minimum octane rating of the Arizona CBG or AZRBOB;
- 9. For oxygenated Arizona CBG designated for sale for use in motor vehicles from November 1 through January 31, the minimum quantity of fuel ethanol contained in the Arizona CBG; and *Applicable?* *Yes* *No*
- 10. If the product transferred is AZRBOB for which fuel ethanol blending is intended:
 - a. Identification of the fuel as AZRBOB and a statement that the "AZRBOB does not comply with the standards for Arizona CBG without the addition of fuel ethanol;"
 - b. Designation of the AZRBOB as suitable for blending with fuel ethanol;
 - c. Fuel ethanol amount or range of amounts that the AZRBOB requires to meet the fuel properties or performance standards claimed by the registered supplier of the AZRBOB, and the applicable specifications for volume percent fuel ethanol and weight percent oxygen content; and
 - d. Instructions to the transferee that the AZRBOB may not be combined with any other AZRBOB unless the other AZRBOB has the same requirements for fuel ethanol amount or range of amounts.

If No, use the comments section to describe the issue(s).

Comments: _____

757(B)	A registered supplier, third-party terminal or pipeline may comply with subsection (A) by using standardized product codes on pipeline tickets if the codes are specified in a manual distributed by the pipeline to transferees of the Arizona CBG or AZROBOB and the manual includes all required information for the Arizona CBG or AZROBOB.
<p><i>Is the registered supplier, third-party terminal or pipeline using product codes to comply with some of the requirements of 757(A)?</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If Yes, use the comments section to list the name of the product code manual and the author.</i></p> <p><i>Comments:</i> _____</p>	

757(C)	Any transferee in subsection (A), other than a registered supplier, oxygenate blender, third-party terminal, pipeline, motor fuel dispensing site or fleet vehicle fueling facility shall retain products transfer documents for each shipment of Arizona CBG or AZROBOB transferred during the 24 months before the most recent transfer delivery. The transferee shall maintain product transfer documents for the 30 days before the most recent transfer at the business address listed on the product transfer document. The transferee may maintain all remaining product transfer documents for the preceding 24 months elsewhere.
<p><i>Has the transferee (other than those listed above) retained the PTD's for 24 months? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p><i>Has the transferee retained the PTD's for the immediate 30 days prior to the most recent transfer?</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p><i>Has the transferee maintained the PTD's at an offsite location? If Yes, indicate the address in the comments section.</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p><i>Has the transferee retained the PTD's for 24 months? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p><i>Comments:</i> _____</p>	

757(D)	A motor fuel dispensing site or fleet vehicle fueling facility shall retain product transfer document for each shipment of Arizona CBG transferred during the 12 months before the most recent transfer. The motor fuel dispensing site or fleet vehicle fueling facility shall maintain product transfer documents for the three most recent transfers on the premises. The motor fuel dispensing site or fleet vehicle fueling facility may maintain the remaining product transfer documents for the preceding 12 months elsewhere.
<p><i>Has a motor fuel dispensing site or fleet vehicle fueling facility met the above mentioned requirements? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Comments: _____</p>	

757(E)	A registered supplier, oxygenate blender, third-party terminal or pipeline shall retain product transfer documents for each shipment of Arizona CBG or AZRBOB transferred during the 60 months before the most recent transfer. The transferee shall maintain product transfer documents for each shipment of Arizona CBG or AZRBOB transferred during the 30 days preceding the most recent transfer at the business address listed on the product transfer document. The transferee may maintain all remaining product transfer documents for the preceding 60 months elsewhere.
<p><i>Have the PTD's been maintained consistent with the requirements mentioned above?</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Comments: _____</p>	

757(F)	When a person transfers custody or title of fuel ethanol that is intended for use as a blend component in AZRBOB or Arizona CBG, the person shall provide the transferee a document that prominently states that the fuel ethanol complies with the standards for fuel ethanol intended for use as a blend component in AZRBOB or Arizona CBG.
<p><i>Have the PTD's related to Ethanol transfers contained information stating that the ethanol complies with the standards for fuel ethanol intended for use as a blend component? If No, use the comments section to describe the issue(s).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Comments: _____</p>	

757(G)

Upon request by the Director or designee, a person shall present product transfer documents to the Department within two working days of the request. Legible photocopies of the product transfer documents are acceptable.

No audit procedures are required for this subsection.

Section 757 Sign-off



Signature

Date

R20-2-758: Adoption of Fuel Certification Models -- Repealed

R20-2-759: Testing Methodologies

Applicable? YES ___ / NO ___ If not applicable, proceed to Section 760. This section is only applicable for registered suppliers, oxygenate blenders and third-party terminals.

759(A)	Except as provided in subsection (C), a registered supplier or importer certifying Arizona CBG or AZROBOB as meeting the requirements of this Article shall use one of the methods listed in Table A. A copy of the EPA- or CARB-approved ASTM methods may be obtained at: American Society for Testing and Materials, 100 Bar Harbor Drive, West Conshohocken, PA 19428-2559. A copy of the CARB methods may be obtained at: California Air Resources Board, P.O. Box 2815, Sacramento, CA 95812.
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N/A

List the test methods used:

- RVP
- Sulfur
- Benzene
- Olefins
- Oxygenates
- T50
- T90
- Aromatics

Are the above listed methods allowable methods under **Appendix 8**? If No, use the comments section to describe the issue(s).

Yes No

Comments: _____

759(B)	An oxygenate blender or third-party terminal certifying Arizona CBG or AZRBOB before transport to the CBG-covered area shall measure fuel ethanol in accordance with the oxygenate blender's or third-party terminal's approved QA/QC program or in accordance with one of the methods listed in Table A.
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N/A

In the case of oxygenate blenders or third-party terminals, has ethanol been measured in accordance with an allowable method under **Appendix 8**? If No, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

759(C)	Rather than using a method listed in Table A to certify Arizona CBG or AZRBOB, a registered supplier may use the CARBOB Model and use the fuel-quality measures calculated using the CARBOB Model for compliance and reporting purposes.
<input type="checkbox"/> N/A	
Has the registered supplier chosen to use the CARBOB Model?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
If the CARBOB Model is being used, has the registered supplier certified the batches produced or imported using the CARBOB equation?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
NOTE: IF THIS SECTION HAS NOT BEEN APPROVED BY EPA, DO NOT PERFORM ANY PROCEDURE IN THIS SECTION.	
Comments: _____	

759(D)	A test method that the Department determines is equivalent to those listed in Table A may be used to certify Arizona CBG or AZRBOB. The Department has determined that test methods approved by either the EPA or CARB are equivalent test methods. To determine whether a proposed test method is equivalent to those listed in Table A, the Department shall thoroughly review data from both the proposed and designated test methods and assess whether the accuracy and precision of the proposed method is equal to or better than the accuracy and precision of the designate method and whether there is significant bias between the two methods. The Department shall approve a proposed test method only if the Department determines that the accuracy and precision of the proposed test method is equal to or better than the accuracy and precision of the designated method. A correlation equation may be required to align the two methods. If a correlation equation is required to align the two methods, the correlation equation becomes part of the equivalent method.
No audit procedures are required for this subsection.	

759(E)	Subsections (C) and (D) will not become effective until Arizona’s revised State Implantation Plan regarding CARB 3 is approved by EPA.
No audit procedures are required for this subsection.	

Section 759 Sign-off



Signature	Date
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R20-2-760: Compliance Surveys

Applicable? YES ___ / NO ___ If not applicable, STOP. This section is only applicable for registered suppliers.

760(A)	<p>A registered supplier that elects to certify that Arizona CBG or AZRBOB meets any averaging standard under R20-2-751 shall ensure that compliance surveys are conducted in accordance with a compliance survey program approved by the Director. The Director shall approve a compliance survey program plan if it:</p> <p>1) Consists of at least four VOC and NOx surveys conducted at least one per month between May 1 though September 15 of each year and;</p> <p>2) Complies with subsection (J).</p>
<input type="checkbox"/> N/A	
<p><i>Did the registered supplier elect to certify CBG or AZRBOB using an averaging standard? If Yes, continue to complete the questions in this section. If No, you are done with the audit.</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>Has the Director approved the plan?</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p><i>If Yes, date of approval:</i> _____</p> <p><i>Comments:</i> _____</p>	

760(B)	<p>If a registered supplier fails to ensure that an approved compliance survey program is conducted, the Director shall issue an order requiring the registered supplier to comply with all applicable fuel property and performance standards on a per-gallon basis for six months or through the end of the survey period identified in subsection (A)(1), which ever is longer. Regardless of when a failure to survey occurs, the Director's order shall require compliance with per-gallon standards from the beginning of the survey period during which the failure to survey occurs.</p>
<input type="checkbox"/> N/A	
<p><i>Has the Director issued an order to comply on a per-gallon basis due to failure to conduct the survey?</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If Yes, obtain a copy of the order and use the comments section to describe the issue(s).</i></p> <p><i>Comments:</i> _____</p>	

760(C)	<p>General compliance survey requirements. A registered supplier shall ensure that a compliance survey conforms to the following:</p> <ol style="list-style-type: none"> 1) Consists of all samples that are collected under an approved survey program plan during any consecutive seven days and that are not excluded under subsection (C)(4); 2) Is representative of Arizona CBG being dispensed in the CBG-covered area as provided in subsection (G); 3) Analyzes each sample included in the compliance survey for oxygenate type and content, olefins, sulfur, aromatic hydrocarbons, E200, E300 and RVP according to the test methods in R20-2-759. RVP is required to be analyzed only from May 1 through September 15; 4) Bases the results of the compliance survey upon an analysis of each sample collected during the course of the compliance survey, unless a sample does not comply with the applicable per gallon maximum or minimum fuel property standard being evaluated in addition to any reproducibility that applies to the fuel property standard; and 5) If a laboratory analyzes the compliance survey samples, the laboratory participates in a correlation program with the Director to ensure the validity of the analysis results.
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N/A

Has the compliance survey conformed to the above mentioned? If No, use the comments section to describe the issue(s).

Yes No

Comments: _____

760(D)	<p>If the Director determines that a sample used in a compliance survey does not comply with R20-2-751 or another requirement under this Article, the Director shall take enforcement action against the registered supplier.</p>
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N/A

Has a sample not complied with R20-2-751 or other regulation? If No, use the comments section to describe the issue(s).

Yes No

Comments: _____

760(E)	<p>A registered supplier shall comply with the following VOC and NOx compliance survey requirements:</p> <ol style="list-style-type: none"> 1) For each compliance survey sample, determine the VOC and NOx emissions reduction percentage based upon the tested fuel properties for the sample using the methodology for calculation VOC and NOx emissions reductions at 40 CFR 80.45, as incorporated by reference in R20-2-702; 2) The CBG-covered area fails a VOC compliance survey if the VOC emissions reduction percentage average of all samples collected during the compliance survey is less than the per-gallon standard for VOC emissions reduction percentage in Table 1, column A; and 3) The CBG-covered area fails a NOX compliance survey if the NOx emissions reductions percentage average of all samples collected during the compliance survey is less than the per-gallon standard for NOx emissions reduction percentage in Table 1, column A.
<input type="checkbox"/> N/A	
<p><i>Has the registered supplier complied with the above mentioned VOC and NOx requirements? If No, use the comments section to describe the issue(s).</i></p>	
<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Comments: _____</p>	

760(F)	<p>A registered supplier shall determine the result of the series of NOx compliance surveys conducted between May 1 and September 15 as follows:</p> <ol style="list-style-type: none"> 1) For each compliance survey sample, the NOx emissions reduction percentage is determined based upon the tested fuel properties for that sample using the methodology for calculating NOx emissions reduction at 40 CFR 80.45, as incorporated by reference in R20-2-703; and 2) The CBG-covered area fails the NOx series of compliance surveys conducted between May 1 and September 15 if the NOx emissions reduction percentage average for all compliance survey samples collected during that time is less than the Federal Complex Model per-gallon standard for the NOx emissions reduction percentage in Table 1, column A.
<input type="checkbox"/> N/A	
<p><i>Has the registered supplier complied with the above mentioned requirements? If No, use the comments section to describe the issue(s).</i></p>	
<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Comments: _____</p>	

760(G)

General requirements for an independent surveyor conducting a compliance survey. A registered supplier may have the compliance surveys required by this Section conducted by an independent surveyor. The Director shall approve a compliance survey program conducted by an independent surveyor if the compliance survey program:

- 1) Is designed and conducted by a surveyor that is independent of the registered supplier. To be considered independent:
 - a) The surveyor shall not be an employee of any registered supplier.
 - b) The surveyor shall not have an obligation to or interest in any registered supplier; and
 - c) The registered supplier shall not have an obligation to or interest in the surveyor;
- 2) Includes enough samples to ensure that the average levels of oxygen, RVP, aromatic hydrocarbons, olefins, T550, T90 and sulfur are determined with a 95% confidence level, with an error of less than 0.1 psi for RVP, 0.1% for oxygen (by weight), 0.5 for aromatic hydrocarbons (by volume, 0.5 % or olefins (by volume), 5 F for T50 and T90 and 10 wppm for sulfur.
- 3) Requires that the surveyor not provide advance notice, except as provided in subsection (H), of the date or location of any survey sampling;
- 4) Requires that the surveyor provide a duplicate of any sample taken during the survey, with information regarding the name and address of the facility from and the date on which the sample was taken, upon request of the Director, within 30 days following submission of the survey report required under subsection (G)(6);
- 5) Requires that the surveyor permit a Department official to monitor sample collection ,transportation, storage and analysis at any time;
- 6) Requires the surveyor submit a report of each survey to the Director within 30 days after sampling for the survey is completed that includes the following information:
 - a) Name of the person conducting the survey;
 - b) Attestation by an officer of the surveyor that the sampling and testing was conducted according to the compliance survey program plan and the results are accurate;
 - c) Identification of the registered supplier for whom the compliance survey was conducted if the compliance survey was conducted for only one registered supplier;
 - d) Identification of the area from which survey samples were selected;
 - e) Dates on which the survey was conducted;
 - f) Address of each facility at which a sample was collected and the date of collection;
 - g) Results of the analysis of samples for oxygen type and oxygen weight percent, aromatic hydrocarbon and olefin content, E200, E300 and RVO and the calculated VOC or NOx emissions reduction percentage, as applicable, for each survey conducted during the period identified in subsection (A)(1);
 - h) Name and address of each laboratory at which samples were analyzed;
 - i) Description of the method used to select the facilities from which a sample was collected;
 - j) Number of samples collected from each facility;
 - k) Justification for excluding a collected sample, if one was excluded; and
 - l) Average VOC and NOx emissions reduction percentage.

760(G)	Continued from previous page.
<input type="checkbox"/> N/A	
<i>Has the registered supplier using an independent surveyor?</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If Yes, list the name of the surveyor:</i> _____	
<i>Has the compliance survey program conformed to the above mentioned requirements? If No, use the comments section to describe the issue(s).</i>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>Comments:</i> _____	

760(H)	An independent surveyor shall begin each survey on a date selected by the Director. The Director shall notify the surveyor of the date selected at least 10 business days before the survey is to begin.
<i>No audit procedures are required for this subsection.</i>	

760(I)	To obtain the Director's approval of a compliance survey program plan, the person seeking approval shall: 1) Submit the plan to the Director no later than January 1 to cover the survey period of May 1 through September 15 of each year; and 2) Have the plan signed by a corporate officer of the registered supplier or by an officer of the independent surveyor.
<i>No audit procedures are required for this subsection.</i>	

760(J)

No later than April 1 of each year, a registered supplier that intends to meet the requirements in subsection (A) by contracting with an independent surveyor to conduct the compliance survey plan for the next summer and winter season shall enter into the contract and pay all of the money necessary to conduct the compliance survey plan. The registered supplier may pay the money necessary to conduct the compliance survey plan to the independent surveyor or to an escrow account with instructions to the escrow agent to release the money to the independent surveyor as the compliance survey plan is implemented. No later than April 15, the registered supplier shall submit to the Director a copy of the contract with the independent surveyor, proof that the money necessary to conduct the compliance survey plan has been paid, and, if applicable, a copy of the escrow agreement.

N/A

Has the registered supplier entered into a contract with an independent surveyor to conduct the compliance survey plan by April 1 of each compliance year?

Yes No

Has the registered supplier paid the independent surveyor? If No, use the comments section to describe the issue(s).

Yes No N/A

Has the registered supplier paid the independent surveyor via an escrow account? If No, use the comments section to describe the issue(s).

Yes No N/A

Has the registered supplier notified the director by April 15 of the contract with the third-party along with proof that the money has been paid, or a copy of the escrow agreement? If No, use the comments section to describe the issue(s).

Yes No N/A

Comments: _____

Section 760 Sign-off



Signature

Date

**Appendix 1
Table 1 – Type 1 Arizona CBG Standards**

	Non-Averaging Option	Averaging Option		
	A	B	C	D
Performance Standard/Fuel Property **	Per gal min	Average	Min (per gal)	Max (per gal)
VOC red % – May 1 to Sept.15	>=27.5	>=29.0	>=25.0	N/A
NOx red % – May 1 to Sept.15	>=5.5	>=6.8	N/A	N/A
NOx red – Sept. 16 to Oct. 31 and Feb 1 to April 30 ***	>=0.0	N/A	N/A	N/A
Oxy, ETOH – Nov. 1 to Jan. 31***	N/A	N/A	N/A	N/A
Oxy, ETOH – Feb. 1 to Oct. 31	0.0 *	N/A	0.0	4.0/ 3.7
Oxy, non ETOH – Nov. 1 to Jan. 31***	N/A	N/A	N/A	N/A
Oxy, non ETOH – Feb. 1 to Oct. 31	0.0	N/A	0.0	2.7/ ****

* Maximum oxygen content shall comply with EPA oxy waivers and with A.R.S. 41-2122.

** Dates represent compliance for the owner of a motor fuel dispensing site or a fleet vehicle fueling facility.

*** A registered supplier shall certify all Arizona CBG as Type 2 Arizona CBG meeting the standards in Table 2 beginning November 1 through January 31.

**** As specified in A.R.S. 41-2122.

NOTE: IF THIS SECTION HAS NOT BEEN APPROVED BY EPA, CHANGE THE DATES FROM “NOVEMBER 1 TO JANUARY 31” TO “NOVEMBER 1 TO MARCH 31” AND FROM “FEBRUARY 1 TO OCTOBER 31” TO “APRIL 1 TO OCTOBER 31.”

Appendix 2
Table 2 – Type 2 Arizona CBG Standards

	Averaging Option	Averaging Option	Non-Averaging Option	
	A	B	C	
	Max Std	Averaging	Flat Std *	
Fuel Property	(per gal)	Standard	(per gal max)	Unit of Std
Sulfur ****	80/30	30/15	40/20	ppm by wt
Olefins	10.0	4.0	6.0	% by vol
T90	330	290/295	300/305	F
T50	220	200/203	210/213	F
Aromatics	30.0/35	22.0	25	% by vol
Oxy, ETOH – Nov. 1 to Jan. 31 ****/***	10 vol% ETOH ***	-	10 vol% ETOH***	% by vol
Oxy, ETOH – Feb 1 to Oct. 31 The max oxy content ETOH year around	-	-	3.7	% by wt

* Instead of the standards in columns B and C, a registered supplier may comply with the standards contained in column A, and R20-2-751(F), (G) and (H) for the use of the PM.

** Maximum Oxygen content shall comply with the EPA oxygenate waiver requirements.

*** A registered supplier shall certify all Arizona CBG using ethanol as the oxygenate beginning November 1 through January 31. Alternative ethanol contents not less than 2.7 % total oxygen may be used if approved by the Director under A.R.S. 41-2124(D).

**** S-RGAS may not exceed limits imposed by EPA.

NOTES: Dates represent compliance dates for the owner of a motor fuel dispensing site or fleet vehicle fuel facility.

Standards shown in the form of x/y denoted standards for CARB Phase 2/Phase 3 gasolines.

NOTE: IF THIS SECTION HAS NOT BEEN APPROVED BY EPA, CHANGE THE DATES FROM “NOVEMBER 1 TO JANUARY 31” TO “NOVEMBER 1 TO MARCH 31” AND FROM “FEBRUARY 1 TO OCTOBER 31” TO “APRIL 1 TO OCTOBER 31.”

Appendix 3
Allowable Differences between Independent Laboratory Results and Facility Laboratory Results

<i>Fuel Property</i>	<i>Range</i>	<i>Unit of Measure</i>
Sulfur content	25	ppm by weight
Aromatics	2.7	% by volume
Olefins	2.5	% by volume
Ethanol	0.4	% by volume
RVP	0.3	psi
T50	ASTM Reproducibility *	Degrees F
T90	ASTM Reproducibility *	Degrees F
E200	2.5	% by volume
E300	3.5	% by volume
API gravity	0.3	API

* For that sample using the slope from the registered supplier's results.

Appendix 4
QA Sampling and Testing Program Protocol

<i>From 40 CFR 80.69(a)(7) – 7/1/96 as amended</i>
1) 69(a)(7)(i)(A) Are all samples collected subsequent to the addition of oxygenate and prior to combining the resulting gasoline with any other gasoline?
2) 69(a)(7)(i)(A)(2) If the truck splash blending method is used, is the sample collected subsequent to any delivery of the gasoline
3) 69(a)(7)(i)(B)(1) If the sampling is done in a storage tank, is the sampling done at the rate of one sample for every 400,000 bbls of AZRBOB produced or one sample every month, whichever is more frequent?
4) 69(a)(7)(i)(B)(2) If the sampling is done in delivery trucks using computer controlled in-line blending equipment, is the sampling done at a rate of one sample for every 200,000 bbls of AZRBOB produced or one sample every three months, whichever is more frequent?
5) 69(a)(7)(i)(B)(3) If the sampling is done in delivery trucks without the use of computer controlled in-line blending equipment, is the sampling done at a rate of one sample for every 50,000 bbls of AZRBOB produced or one sample every month, whichever is more frequent?
6) 69(a)(7)(ii)(A) If the sampling indicates a non compliant batch, has the registered supplier taken immediate steps to stop the sale of that gasoline?
7) 69(a)(7)(ii)(B) Has the registered supplier taken steps to determine the cause of the non-compliance?
8) 69(a)(7)(ii)(C) If the sampling indicates a non compliant batch, has the frequency of sampling increased to the following rates:
a) 69(a)(7)(ii)(C)(1) In a storage tank to one sample for every 200,000 bbls produced or one sample every two weeks?
b) 69(a)(7)(ii)(C)(2) In a delivery truck using computer controlled in-line blending equipment to one sample for every 100,000 bbls produced or one sample every two months?
c) 69(a)(7)(ii)(C)(3) In a delivery truck with using computer controlled in-line blending equipment to one sample for every 25,000 bbls produced or one sample every two weeks?

d) 69(a)(7)(ii)(D) Has the increased frequency of sampling been sustained until 10 consecutive samples and tests indicate that the gasoline complies with the applicable standards?

**Appendix 5
QA Sampling and Testing Program Protocol**

<i>From 40 CFR 80.69(e)(2) – 7/1/96 as amended</i>
1) 69(e)(2)(i) Are all samples collected subsequent to the addition of oxygenate and prior to combining the resulting gasoline with any other gasoline? If the truck splash blending method is used, is the sample collected subsequent to any delivery of the gasoline?
2) 69(e)(2)(i)(A) If the sampling is done using computer controlled in-line blending equipment, is the sampling done at a rate of one sample for every 500 occasions AZRBOB and oxygenate are loaded into a truck or one sample every three months, whichever is more frequent?
3) 69(e)(2)(i)(B) If the sampling is done without the use of computer controlled in-line blending equipment, is the sampling done at a rate of one sample for every 100 occasions AZRBOB and oxygenate are loaded into a truck or one sample every month, whichever is more frequent?
4) 69(e)(2)(v)(A) If the sampling indicates a non compliant batch, has the registered supplier taken immediate steps to stop the sale of that gasoline?
5) 69(e)(2)(v)(B) Has the registered supplier taken steps to determine the cause of the non-compliance?
6) 69(e)(2)(v)(C) If the sampling indicates a non compliant batch, has the frequency of sampling increased to the following rates:
a) 69(e)(2)(v)(C)(1) If using computer controlled in-line blending equipment to one sample for every 250 occasions AZRBOB and Oxygenate are loaded into a truck or one sample every six weeks?
b) 69(e)(2)(v)(C)(2) If without using computer controlled in-line blending equipment to one sample for every 50 occasions AZRBOB and Oxygenate are loaded into a truck or one sample every two weeks?
c) 69(e)(2)(v)(D) Has the increased frequency of sampling been sustained until 10 consecutive samples and tests indicate that the gasoline complies with the applicable standards?
d) 69(e)(2)(v)(D) Has the frequency of sampling then been returned to the normal frequency?

Appendix 6A – NEW TABLE
R20-2-751(A) Fuel Property/Performance Standard Limits

<i>Fuel Property</i>	<i>Limits</i>
Sulfur	80 PPM by weight (max) (except in the case of documented S-RGAS)
Aromatics	50 percent by volume (max)
Olefins	25 percent by volume (max)
E200	70-30 percent volume
E300	100-70 percent volume
Maximum Vapor Pressure	
Oct 1- January 31	9.0 pounds per sq in (psi)
February	13.5 psi
March	11.5 psi
April	10.0 psi
May	9.0 psi
June 1 – Sept 30	7.0 psi for CARB Phase 2 gasoline and 7.2 psi for CARB Phase 3 gasoline
Oxygen and Oxygenates	
Minimum content	
Nov 1 – January 31	10 percent ETOH by volume
If ARS 41-2124(E)	2.7 percent oxygen by weight as approved by the Director
Feb 1 to Oct 31	0 percent by weight (any oxygenate)
Maximum content	
ETOH	3.7 percent by weight
Other oxygenates	as specified in ARS 41-2122 and no more than 0.1 weight percent oxygen from all other ethers or alcohols listed in ARS 41-2122
MTBE (maximum)	0.3 volume percent
VOC Emissions Reduction	For Type 1 gasoline
May 1 – Sept 15	> 27 percent **
	For Type 2 gasoline
	CARB Phase 2 or Phase 3 PM requirements

* Other oxygenates must comply with the requirements of ARS 41-2123

** Federal Complex Model settings: Summer, Area Class B, Phase 2)

**Appendix 6B – OLD TABLE
R20-2-751(A) Fuel Property/Performance Standard Limits (1)**

<i>Fuel Property</i>	<i>Limits</i>
Sulfur	500 PPM by weight (max)
Aromatics	50% by volume (max)
Olefins	25% by volume(max)
E200	70-30% volume
E300	100-70% volume
RVP (maximum)	
Oct 1- March 31	9.0 pounds per sq in (psi)
April	10.0 psi
May	9.0 psi
June 1 – Sept 30	7.0 psi
Oxygen and Oxygenates	
Minimum content	
Nov 1 – March 31	10% ETOH by volume
If ARS 41-2124(E)	2.7 oxygen by weight (other than ETOH
Maximum content	
ETOH	4.0% by weight
Other oxygenates	3.5 by weight *
VOC Emissions Reduction	
May 1 – Sept 15	>= 25.0

(1) The dates in this appendix are service station owners and fleet owners compliance dates.

* Other oxygenates must comply with the requirements of ARS 41-2123

Appendix 7
R20-2-751(B) Wintertime Requirements (Nov 1 to Jan 31)

<i>Fuel Property</i>	<i>Limits</i>
Sulfur	80 ppm by weight (max)
Aromatics	30% by volume (max)
Olefins	10% by volume(max)
T90	330 F (max)
T50	220 F (max)
Vapor Pressure	9.0 pounds per sq in (psi) (max)
Oxygen (ETOH) **	
Minimum content	10 percent ETOH by volume
Maximum content	3.7 percent oxygen by weight *

(1) The dates in this appendix are service station owners and fleet owners compliance dates.

* Other oxygenates must comply with the requirements of ARS 41-2123

** Alternative minimum ETOH content may be used if approved by the Director under ARS 41-2124(D)

Appendix 8
TABLE A
Arizona Department of Weights and Measures
Test Methods for Arizona CBG and AZRBOB

<i>Fuel Parameter</i>	<i>Units</i>	<i>EPA Method</i>	<i>EPA Reproducibility</i>	<i>CARB Method</i>	<i>CARB Reproducibility</i>
Aromatics	V%	D-5769-98			
	V %	D-1319-02a *	1.65	D-5580-00	1.4
Benzene	V%	D-3606-99	0.21	D-5580-00	0.149(X) ^{1.133}
Olefins	V%	D-1319-02a	0.32(x) ^{0.5}	D-6550-00	0.32(x) ^{0.5} (1)
Oxygenates	W%	D-5599-00	See test method	D-4815-99	See test method
	W%	D-4815-99 **	See test method		
RVP (2)	psi	D-5191-01	0.3	13 CCR Section 2297	0.21
Sulfur	wppm	D2622-98		D-5453-93	0.2217(x) ^{0.92}
				D-2622-94 (modified)	10-30 wppm = 0.405(x) > 30wppm = 0.192(x)
T50	Deg F	D-86-01	See test method	D-86-99ae1	See test method
T90	Deg F	D-86-01	See test method	D-86-99ae1	See test method

* A refinery or importer may determine aromatics content using ASTM D-1319-02A if the result is correlated to ASTM D-5769-98.

** A refinery or importer may determine oxygenate content using ASTM D-4815-99 if the result is correlated to ASTM D-5599-00.

Footnotes:

- 1) Replace the last sentence in ASTM D-6550-00 section 1.1 with the following: "The application range is from 0.3 to 25 mass percent total olefin, as defined in section 2263(b), Title 13, California Code of Regulations. If olefin concentrations are not detected, substitute one-half of the detection limit."
- 2) When determining RVP, the only correlation equation to be used in the CARB (RVP= (0.972 X PTOT) - 0.715).

Appendix 9
R20-2-761: Liability for Noncompliant Arizona CBG or AZRBOB

- A. Persons liable. If motor fuel designated as Arizona CBG or AZRBOB does not comply with R20-2-751, the following are liable for the violation:
1. Each person who owns, leases, operates, controls, or supervises a facility where the noncompliant Arizona CBG or AZRBOB is found;
 2. Each registered supplier whose corporate, trade, or brand name, or whose marketing subsidiary's corporate, trade, or brand name, appears at a facility where the noncompliant Arizona CBG or AZRBOB is found; and
 3. Each person who manufactured, imported, sold, offered for sale, dispensed, supplied, offered for supply, stored, transported, or caused the transportation of any gasoline in a storage tank containing Arizona CBG or AZRBOB found to be noncompliant.
- B. Defenses.
1. A person who is otherwise liable under subsection (A) is not liable if that person demonstrates:
 - a. That the violation was not caused by the person or person's employee or agent;
 - b. That product transfer documents account for all of the noncompliant Arizona CBG or AZRBOB and indicate that the Arizona CBG or AZRBOB complied with this Article; and
 - c. That the person had a quality assurance sampling and testing program, as described in subsection (C) in effect at the time of the violation; except that any person who transfers Arizona CBG or AZRBOB, but does not assume title, may rely on the quality assurance program carried out by another person, including the person who owns the noncompliant Arizona CBG or AZRBOB, provided the quality assurance program is properly administered.
 2. If a violation is found at a facility that operates under the corporate, trade, or brand name of a registered supplier, that registered supplier must show, in addition to the defense elements in subsection (B)(1), that the violation was caused by:
 - a. A violation of law other than A.R.S. Title 41, Chapter 15, Article 6, this Article, or an act of sabotage or vandalism;
 - b. A violation of a contract obligation imposed by the registered supplier designed to prevent noncompliance, despite periodic compliance sampling and testing by the registered supplier; or
 - c. The action of any person having custody of Arizona CBG or AZRBOB not subject to a contract with the registered supplier but engaged by the registered supplier for transportation of Arizona CBG or AZRBOB, despite specification or inspection of procedures and equipment by the registered supplier designed to prevent violations.
 3. To show that the violation was caused by any of the actions in subsection (B)(2), the person must demonstrate by reasonably specific showings, by direct or circumstantial evidence, that the violation was caused or must have been caused by another person.

- C. Quality assurance sampling and testing program. To demonstrate an acceptable quality assurance program for Arizona CBG or AZRBOB, at all points in the gasoline distribution network, other than at a service station or fleet owner facility, a person shall present evidence:
1. Of a periodic sampling and testing program to determine compliance with the maximum or minimum standards in R20-2-751; and
 2. That each time Arizona CBG or AZRBOB is noncompliant with one of the requirements in R20-2-751:
 - a. The person immediately ceases selling, offering for sale, dispensing, supplying, offering for supply, storing, transporting, or causing the transportation of the noncompliant Arizona CBG or AZRBOB; and
 - b. The person remedies the violation as soon as practicable.

Appendix 10
Section 752(F) – for Oxygenate Blenders complying with
755(I)(7) and (8)

- 1) A oxygenate blender of Arizona CBG or AZRBOB that does not develop a QA/QC program shall conduct a program of independent sample collection and analysis for the Arizona CBG or AZRBOB produced or imported, that complies with one of the following:
- a) Option 1. A oxygenate blender shall for each batch of Arizona CBG or AZRBOB produced or imported, have an independent laboratory collect and analyze a representative sample from the batch using the methodology specified in R20-2-759 for compliance with each fuel property and performance standard for which the Arizona CBG or AZRBOB is certified.
 - b) Option 2. A oxygenate blender shall have an independent testing program for all Arizona CBG or AZRBOB that the oxygenate blender produces or imports that consists of the following:
 - iv) An independent laboratory shall collect a representative sample from each batch;
 - v) The Director or designee shall identify up to 10% of the samples collected under subsection (F)(1)(b)(i) for analysis; and
 - vi) The independent laboratory shall, for each sample identified by the Director or designee, analyze the sample using the methodology specified in R20-2-759 for compliance with each fuel property and performance standard for which the Arizona CBG or AZRBOB is certified.

Option 1 (100/100) Option 2 (100/10)

If Option 1, answer the following question (#1). If Option 2 answer the other questions (#2a and #2b).

Question #1: Has the independent laboratory sampled and tested 100% of the CBG or AZRBOB certified by the oxygenate blender?

Yes No

If No, use the comments section to describe their differences.

Question #2a: Has the independent laboratory sampled 100% of the CBG or AZRBOB certified by the oxygenate blender?

Yes No

If No, use the comments section to describe their differences.

Question #2b: Has the independent laboratory tested 10% of the CBG or AZROBO certified by the oxygenate blender

Yes No

If No, use the comments section to describe their differences.

- 2) The Director or designee may request in writing a duplicate of the batch sample collected under subsection (F)(1)(a) or (F)(1)(b) for analysis by a laboratory selected by the Director or designee. The oxygenate blender shall submit a duplicated of the sample to the Director within 24 hours of the written request.

Has the Director requested a duplicate of the batch sample and has that sample been delivered within 24 hours of the written request?

Yes No N/A

If No, use the comments section to describe their differences.

- 3) Designation of independent laboratory.
- a) A oxygenate blender that does not develop a QA/QC program shall designate one independent laboratory for each production or import facility at which the oxygenate blender produces or imports Arizona CBG or AZRBOB. The independent laboratory shall collect samples and perform analyses according to subsection (F).

Has the oxygenate blender designated one independent laboratory?

Yes No N/A

If No, use the comments section to describe their differences.

- b) A oxygenate blender shall identify the designated independent laboratory to the Director under the registration requirements of R20-2-750.

Has the oxygenate blender identified the independent laboratory as part of the registration under R20-2-750?

Yes No N/A

If No, use the comments section to describe their differences.

- c) A laboratory is considered independent if:
- i) The laboratory is not operated by a oxygenate blender or the oxygenate blender's subsidiary or employee;
 - ii) The laboratory does not have any interest in any oxygenate blender; and
 - iii) The oxygenate blender does not have any interest in the designated laboratory.

Is the laboratory independent based on the above three criteria?

Yes No N/A

If No, use the comments section to describe their differences.

- d) Notwithstanding the restrictions in subsection (F)(3)(c), the Director shall consider a laboratory independent if it is owned or operated by a pipeline owned or operated by four or more oxygenate blenders.

Is the laboratory owned by a pipeline or four or more oxygenate blenders?

Yes No N/A

If No, use the comments section to describe their differences.

- e) A oxygenate blender shall not use a laboratory that is debarred, suspended or proposed for debarment according to the Government-wide Debarment and Suspension regulations 40 CFR 32, or the Debarment, Suspension and Ineligibility provisions of the Federal Acquisition Regulations, 48 CFR 9.4

Is the laboratory independent debarred, suspend or proposed for debarment?

Yes No N/A

If Yes, use the comments section to describe their differences.

4) A oxygenate blender shall ensure that its designated independent laboratory:

- a) Records the following at the time the designated independent laboratory collects a representative sample from a batch of Arizona CBG or AZRBOB:
- i) The producer's or importer's assigned batch number for the batch being sampled;
 - ii) The volume of the batch;
 - iii) The identification number of the gasoline storage tank into which the batch is stored at the time the sample is collected;
 - iv) The date and time the batch became Arizona CBG or AZRBOB;
 - v) The date and time the sample is collected;
 - vi) The grade of the batch (for example (unleaded premium, unleaded mid-grade or unleaded); and
 - vii) For Arizona CBG or AZRBOB produced by computer-controlled in-line blending, the date and time the blending process began and the date and time the blending process ended, unless exempt under subsection (G);
- b) Retains each sample collected under this subsection for at least 45 days, unless the time is extended by the Director for up to 180 days.
- c) Submits to the Director a quarterly report on the 15th day of January, April, July and October of each year that includes, for each sample of Arizona CBG or AZRBOB analyzed under subsection (F):
- i) The results of the independent laboratory's analyses for each fuel property, and
 - ii) The information specified in subsection (F)(4)(a) for each sample; and
- d) Supplies to the Directory, upon request, a duplicate of the sample.

Did the oxygenate blender do all the above actions?

Yes No

If No, use the comments section to describe their differences.

Comments: _____