

# Fuels Regulatory Streamlining Sampling & Testing Meeting

US EPA

December 17, 2020



A Live Event  
Broadcast



Participants  
are on mute



Ask Questions  
Via Q&A Chat



Closed Captions  
Lower Right



# Agenda

Time	Topic	Speaker
1:00 pm EST	Welcome	Mary Manners
1:05	Answers to questions received at the 12/9-10 workshop	Robert Anderson and Taylor Eliason
2:30	<i>Break</i>	
2:40	Moderated Q&A for new questions	Robert Anderson and Taylor Eliason
4:00	End	

# About this Presentation

- This presentation is being given in furtherance of discussions over recent months and years with stakeholders on the streamlining of our existing fuel regulations.
- This presentation highlights the differences between 40 C.F.R. Part 80 and 40 C.F.R. Part 1090 and provides examples.
- To the extent participants provide questions, advice, or materials during or after this meeting, they should do so in their individual capacity.
- The topics in this presentation do not represent decisions, policies, or future action by EPA and do not bind EPA to any particular decision, policy, or future action.

# Testing for Oxygenates Overview

# Overview

- Several participants asked during sampling and testing and PCG presentations about when oxygenate testing applies
- Believe it is useful to go through most common scenarios ahead
  - Majority of batches of gasoline, this is relatively straight-forward
- If we don't cover your specific scenario, please follow-up through support line

# Testing for Oxygenates Overview

	Reg Cite(s)	Product(s)	Test for oxygenates?	Comments
Gasoline/BOB made at a refinery	1090.1310(c)(1) 1090.1340	BOB	No	Report type and amount of specified oxy level per 1090.905
	1090.1310(c)(2)(v)	CG, Winter RFG, and Summer RFG (not intended for oxygenate blending)	Yes, unless the manufacturer can demonstrate that the PCG, transmix, TGP, and blendstocks contain no oxygenates	If oxygenate is not added, testing is not needed.
	1090.1310(c)(2)(iv), 1090.1340	Summer RFG (intended for oxygenate blending)	No	Report oxy content added to hand blend; also report RVP of hand blend
Gasoline/BOB made at a fuel blending facility or transmix processor	1090.1310(e)	Gasoline and BOB	Yes, unless the manufacturer can demonstrate that the PCG, transmix, TGP, and blendstocks contain no oxygenates	For PCG, PTDs can serve as documentation. For transmix, TGP, and blendstocks, affidavits or test results from the supplier are required

# Testing for Oxygenates Overview

	Reg Cite(s)	Product(s)	Test for oxygenates?	Comments
PCG by Addition BOB to BOB, gasoline to gasoline	1090.1320(a)(2)	PCG	No	Still responsible for testing for oxygenate of new batch
	1090.1320(a)(2)	Blendstock added to PCG	No	Still responsible for testing for oxygenate of new batch
	1090.1310(e)	New batch of gasoline	Yes, unless the manufacturer can demonstrate that the PCG, transmix, TGP, and blendstocks contain no oxygenates	
PCG by Addition BOB to Gasoline	1090.1320(c)	PCG – BOB	N/A	Run BOB recert procedure in 1090.740. Then PCG by addition procedure.

# Testing for Oxygenates Overview

	Reg Cite(s)	Product(s)	Test for oxygenates?	Comments
PCG by Subtraction – Gasoline to Gasoline	1090.1310(e); 1090.1320(a)(1)(A)	PCG - Neat	Yes, unless the manufacturer can demonstrate that the PCG doesn't contain oxygenate	Still responsible for testing for oxygenate of new batch
	1090.1310(e)	Blendstock added to PCG	No	Still responsible for testing for oxygenate of new batch
	1090.1310(e)	New batch of gasoline	Yes, unless the manufacturer can demonstrate that the PCG, transmix, TGP, and blendstocks contain no oxygenates	



# Testing for Oxygenates Overview

	Reg Cite(s)	Product(s)	Test for oxygenates?	Comments
PCG by Subtraction – BOB to BOB	1090.1310(e); 1090.1320(a)(1)(A) and (B); 1090.1340	PCG	Yes, unless the manufacturer can demonstrate that the PCG contain no oxygenates.	Also must make a hand blend and test for sulfur and benzene and adjust volumes accordingly.
	1090.1310(e)	Blendstock added to PCG	No	Still responsible for testing for oxygenate of new blended product
	1090.1310(e)	New batch of gasoline	Yes, unless the manufacturer can demonstrate that the PCG, transmix, TGP, and blendstocks contain no oxygenates	Also, must make a hand blend under 1090.1340 and meet applicable requirements under 1090.710.

# Testing for Oxygenates Overview

	Reg Cite(s)	Product(s)	Test for oxygenates?	Comments
PCG by Subtraction – Gasoline to BOB	1090.1310(e); 1090.1320(a)(1)(A)	PCG - Neat	Yes, unless the manufacturer can demonstrate that the PCG doesn't contain oxygenate	Still responsible for testing for oxygenate of new batch
	1090.1310(e)	Blendstock added to PCG	No	Still responsible for testing for oxygenate of new batch
	1090.1310(e); 1090.1340	New batch of gasoline	Yes, unless the manufacturer can demonstrate that the PCG, transmix, TGP, and blendstocks contain no oxygenates	Also, must make a hand blend under 1090.1340 and meet applicable requirements under 1090.710.

# Testing for Oxygenates Overview

	Reg Cite(s)	Product(s)	Test for oxygenates?	Comments
PCG by Subtraction – BOB to Gasoline	1090.1320(c)	PCG - BOB	N/A	Run BOB recert procedure in 1090.740.
	1090.1310(e); 1090.1320(a)(1)(A);	PCG - Neat	Yes, unless the manufacturer can demonstrate that the PCG doesn't contain oxygenate	Test and report neat. Still responsible for testing for oxygenate of new batch
	1090.1310(e)	Blendstock added to PCG	No	Still responsible for testing for oxygenate of new batch
	1090.1310(e)	New batch of gasoline	Yes, unless the manufacturer can demonstrate that the PCG, transmix, TGP, and blendstocks contain no oxygenates	

# Additional Notes

- No downstream oxygenate accounting (DOA) for “Gasoline to BOB” for CBA, credits are generated on added blendstock volume only
  - If blending manufacturer wants to DOA, must do CBS
- Again, follow-up with support line if you have specific questions

Take a  
10-minute break  
and caffeinate!

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# Discussion and Additional Information

- Please submit your questions through the Q&A box
- Resources
  - Guides and Job Aids to be rolled out over time on our website
    - <https://www.epa.gov/fuels-registration-reporting-and-compliance-help/registration-fuel-programs> (main page)
  - Sign up for EnviroFlash, if you have not already
    - <https://enviroflash.epa.gov/enviroflashOTAQPublic/Subscriber.do?method=start> (EnviroFlash sign up for fuels registration & reporting)
  - Help Desk
    - To submit a question after the presentation, email [fuelsprogramsupport@epa.gov](mailto:fuelsprogramsupport@epa.gov)
    - In order to provide you with timely feedback, please submit each question as a separate inquiry to the help desk
  - Part 1090 eCFR
    - <https://bit.ly/3qEnBrz>