

Reformulated Gasoline and Anti-Dumping Batch Report (RFG0302): Instructions for Completing

Who must report

- Any refiner or importer that produces or imports any reformulated gasoline (RFG), RBOB, conventional gasoline, or CBOB (collectively referred to as “gasoline”) shall submit reports to EPA for each refinery at which such gasoline was produced and for all such gasoline imported by each importer. A separate batch report must be submitted for each batch of gasoline produced or imported during the averaging period.

Reporting requirements

- Monthly compositing vs batch samples** – Refiners and importers may report certain parameter values using monthly composite testing while other parameters must be reported using batch by batch sampling. 40 CFR sections 80.65, 80.75, and 80.105 provide key requirements and reporting information (available at: http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&sid=35945753f63f210281462aa6a1355847&tpl=/ecfrbrowse/Title40/40cfr80_main_02.tpl).
- Required fields and NA values** – Certain report fields or parameters may be specific to select product types. If a report field does not apply to the reported batch, enter the value “NA”. Do not leave the field blank.

Reporting deadlines for refiners and importers

- RFG or RBOB** - Refiners or importers shall report on all reformulated gasoline or RBOB batches produced or imported during the following time periods:

Production Calendar Quarter	Time Period Covered	Quarterly Report Deadline
Quarter 1	January 1 – March 31	June 1
Quarter 2	April 1 – June 30	September 1
Quarter 3	July 1 – September 30	December 1
Quarter 4	October 1 – December 31	March 31

- Conventional Gasoline or CBOB** - Refiners or importers shall report on all conventional gasoline or CBOB batches produced or imported by March 31st each year for the prior calendar year averaging period.

Reports submitted by independent laboratories

- For each compliance year beginning with the 2014 compliance year, a single annual report for calendar year January through December may be submitted by the following March 31.

How to submit reports

- EPA maintains report templates, electronic submission procedures and additional support options at <http://www.epa.gov/otaq/fuels/reporting/cdx.htm>.

Field Instructions

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
1	Report Form ID		AAAAAA ; <i>Character</i> . Enter RFG0302
2	Report Type		A ; <i>Character</i> . Specify if the data submitted in this report is original or if it is being resubmitted. Submit only one original report; any corrections or updates should be marked as a resubmission. O = Original R = Resubmission
3	CBI		A ; <i>Character</i> . Specify if the data contained within the report is claimed as Confidential Business Information (CBI) under 40 CFR Part 2, subpart B: Y = Confidential Business Information N = Non-Confidential Business Information
4	Report Date		MM/DD/YYYY ; <i>Character</i> . Enter the date the original or resubmitted report is created.
5	Averaging/Compliance Period		YYYY ; <i>Character</i> . Enter the averaging/compliance year the report covers.
6	Reporter ID		AAAA ; <i>Character</i> . Enter the EPA-assigned four-character ID of the submitter. This may be the company itself or a third party, such as an independent lab.
7	Company ID		AAAA ; <i>Character</i> . Enter the EPA assigned four-character ID for the refiner or importer that produced or imported the batch of gasoline.
8	Facility ID		AAAAA ; <i>Character</i> . Enter EPA-assigned five-character ID for the facility. Include leading zeros as needed.
9	Batch Number		AAAAAA ; <i>Character</i> . The batch number assigned by the Refiner/Importer identifying the gasoline batch this report describes. This six digit batch number must form a unique identifier when combined with company ID, facility and year (e.g., 4321-54321-14-000001, 4321-54321-14-000002, etc.), as described in 40 CFR 80.65(d)(3). Please include leading zeros where applicable.

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
10	Butane or Pentane Batch Number		<p>AAAA-AAAAA-YY-AAAAAA; <i>Character</i>. The butane or pentane assigned batch number identifying the butane or pentane.</p> <p><i>For Pentane Only</i> - The first four digits are the pentane production company's OTAQ Registration ID number, followed by the five digit OTAQ Registration facility ID, year produced, and then the six-digit batch number.</p> <p><i>For Butane Only</i> – Enter '9999-99999' to represent the butane supplier production company ID and facility ID, followed by the actual year produced, and then the six-digit batch number</p> <p>If the product type does not include pentane or butane, enter "NA".</p>
11	Volume Type		<p>AAA; <i>Character</i>. Enter the one appropriate volume type code from the following list. There are two cases where it is acceptable to report a negative batch volume if the batch is either Previously Certified Gasoline (PCG) or if the batch was previously reported and has been subsequently exported (EXP).</p> <p>POS = Any positive batch volume PCG = Previously Certified Gasoline – negative volume EXP = Exported Batch – negative volume</p>
12	Batch Volume	Gallons	<p>± 99999999; <i>Number</i>. Production volume of the reported batch of gasoline.</p>
13	Butane or Pentane Batch Volume	Gallons	<p>99999999; <i>Number</i>. If butane or pentane is blended with the production batch volume, report only the volume of the butane or pentane BEFORE blending with the production batch volume. If the batch does not include butane or pentane, report "NA".</p>
14	Production Date		<p>MM/DD/YYYY; <i>Character</i>. Date the reported batch was produced or imported.</p>
15	Date PCG Batch Received		<p>MM/DD/YYY; <i>Character</i>. If the batch volume type is PCG, enter the date the batch was received. If the volume type is not PCG, enter "NA".</p>

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
16	Product Type		<p>AA; <i>Character.</i> Enter the one appropriate product description code from the following list.</p> <p>For reformulated gasoline:</p> <p>RG = Reformulated Gas RO = RBOB any oxygenate RE = RBOB ethers only RS = RBOB Refiner Specified BC = commercial grade butane blended with RFG/RBOB BN = non-commercial grade butane blended with RFG/RBOB PC = commercial grade pentane blended with RFG/RBOB PN = non-commercial grade pentane blended with RFG/RBOB</p> <p>For conventional gasoline:</p> <p>CG = Conventional Gasoline OB = Conventional Gasoline (Oxygen Backout) CB = Conventional Gasoline Blendstock for Oxygenate Blending (CBOB) or blendstock which becomes conventional gasoline solely upon addition of oxygenate EE = Conventional Blendstock (EEP Report) OE = Both OB & EE GT = Gasoline Treated as Blendstock (GTAB) BX = commercial grade butane blended with CG BY = non-commercial grade butane blended with CG PX = commercial grade pentane blended with CG PY = non-commercial grade pentane blended with CG</p>
17	Batch Grade		<p>AA; <i>Character.</i> Enter the one appropriate batch grade code from the following list.</p> <p>RG = Regular MG = Mid Grade PG = Premium MX = Mix of Grades</p>
18	Lab Waiver		<p>A; <i>Character.</i> For RFG or RBOB only. Indicate whether or not the batch was produced at a facility that has been waived from independent lab testing.</p> <p>Y = Yes N = No</p>
19	Independent Lab Analysis Requirement		<p>A; <i>Character.</i> For RFG or RBOB only. Indicate whether or not the batch was selected for independent lab analysis under 80.65(f)(1).</p> <p>Y = Yes N = No</p>

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
20	RFG VOC Control / CG RVP Standard		<p>AA; <i>Character.</i></p> <ul style="list-style-type: none"> For VOC-controlled RFG or RBOB, report the appropriate region; if not VOC-controlled indicate this. For CG, report "VN" if the batch was produced for use during winter. Indicate "V1" if the batch was produced for use in a 7.8 psi area, or "V2" if it was produced for use in a 9.0 psi area. <p>VN = Not VOC Controlled (or CG Winter) V1 = RFG VOC Region 1 (or CG 7.8 PSI) V2 = RFG VOC Region 2 (or CG 9.0 PSI) V3 = RFG Adjusted VOC V4 = Federal SIP</p>
21	Oxygen	weight %	99.99 ; <i>Number.</i>
22	Oxygen Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
23	Sulfur	ppm	9999 ; <i>Number.</i>
24	Sulfur Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
25	Aromatics	volume %	99.9 ; <i>Number.</i>
26	Aromatics Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
27	Olefins	volume %	99.9 ; <i>Number.</i>
28	Olefins Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
29	Benzene	volume %	9.99 ; <i>Number.</i>
30	Benzene Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
31	Methanol	volume %	999.99 ; <i>Number.</i>
32	Methanol Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
33	MTBE	volume %	999.99 ; <i>Number.</i>

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
34	MTBE Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
35	Ethanol	volume %	999.99 ; <i>Number</i> .
36	Ethanol Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
37	ETBE	volume %	999.99 ; <i>Number</i> .
38	ETBE Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
39	TAME	volume %	999.99 ; <i>Number</i> .
40	TAME Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
41	t-Butanol	volume %	999.99 ; <i>Number</i> .
42	t-Butanol Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
43	RVP	psi	99.99 ; <i>Number</i> .
44	RVP Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
45	T50	Fahrenheit	999.9 ; <i>Number</i> . Enter the temperature in fahrenheit
46	T50 Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
47	T90	Fahrenheit	999.9 ; <i>Number</i> . Enter the temperature in fahrenheit
48	T90 Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
49	E200	volume %	999.9 ; <i>Number</i> .
50	E200 Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
51	E300	volume %	999.9 ; <i>Number</i> .

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
52	E300 Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title. Or if citing an EPA approved test method under PBMS, provide the descriptive title name.
53	Toxics		± 99.9 ; <i>Number. Report for Small Refiners and Small Volume Refineries on RFG and RBOB batches only.</i> Percent reduction from baseline.
54	VOCs		± 99.9 ; <i>Number. Report for VOC-controlled RFG and RBOB only.</i> Percent reduction from baseline.
55	Exhaust Toxics Emissions		± 999.99 ; <i>Number. Report for Small Refiners and Small Volume Refineries on conventional gasoline and CBOB batches only.</i>

Electronic Submission Sample Record:

RFG0302,O,Y,03/31/2015,2014,9999,9999,99999,123456,NA,POS,123456,NA,12/31/2014,NA,RG,RG,N,N,V1,99.00,ASTM D5599,30,ASTM D2622,26.4,ASTM D5769,11.9,ASTM D1319,0.62,ASTM D3606,0.3,ASTM D5599,0,ASTM D4815,10.0,ASTM D4806,0,ASTM D4815,0,ASTM D4815,0.1,ASTM D4815,8.7,ASTM D5191,225,ASTM D86,350, ASTM D86,41.0, ASTM D86,83.0, ASTM D86,NA,NA,NA

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