

## Pentane and Butane Batches Blended with Reformulated Gasoline and Conventional Gasoline Batch Report (RFG1800): Instructions for Completing

### Who must report

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

### Reporting requirements

- This report is a supplement to the Reformulated Gasoline and Anti-Dumping Batch Report (RFG0302) and used to report the properties of the blended butane or pentane that is provided by the supplier.
- A unique batch of butane or pentane only needs to be reported one time at the first instance of blending into gasoline. If the butane or pentane is blended with RFG or RBOB, report using the applicable quarterly cycle. Batches blended with conventional gasoline or CBOB are reported on an annual cycle.
- This report reflects the properties of the butane and pentane batch. Refiners and importers must also report the actual volume of butane and pentane blended into a specific gasoline batch using the RFG0302 form.
- 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.

### 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		<b>AAAAAA</b> ; <i>Character</i> . Enter <b>RFG1800</b>
2	Report Type		<b>A</b> ; <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. <b>O</b> = Original <b>R</b> = Resubmission
3	CBI		<b>A</b> ; <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: <b>Y</b> = Confidential Business Information <b>N</b> = Non-Confidential Business Information
4	Report Date		<b>MM/DD/YYYY</b> ; <i>Character</i> . Enter the date the original or resubmitted report is created.
5	Averaging/Compliance Period		<b>YYYY</b> ; <i>Character</i> . Enter the averaging/compliance year the report covers.
6	Reporter ID		<b>AAAA</b> ; <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		<b>AAAA</b> ; <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		<b>AAAAA</b> ; <i>Character</i> . Enter EPA-assigned five-character ID for the facility. Include leading zeros as needed.
9	Butane or Pentane Batch Number with company ID and facility ID		<b>AAAA-AAAA-YY-AAAAAA</b> ; <i>Character</i> . The butane or pentane assigned batch number identifying the butane or pentane.  For Pentane Only - 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.  For Butane Only – 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  If the product type does not include pentane or butane, enter "NA".
10	Butane or Pentane Batch Volume	Gallons	<b>999999999</b> ; <i>Number</i> . If butane or pentane is blended with a production batch volume of gasoline, report the volume of the overall batch of butane or pentane BEFORE blending with the production batch volume.
11	Production Date		<b>MM/DD/YYYY</b> ; <i>Character</i> . Date the reported batch was produced or imported.

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
12	Product Type		<b>AA</b> ; <i>Character</i> . Enter the one appropriate product description code from the following list. For Butane: <b>CB</b> = commercial grade butane <b>NB</b> = non-commercial grade butane  For Pentane: <b>CP</b> = commercial grade pentane <b>NP</b> = non-commercial grade pentane
13	Pentane or Butane	volume %	<b>99.99</b> ; <i>Number</i> . Enter the percent volume of the pentane (specific for pentane batches) or butane (specific to butane batches)
14	Pentane or Butane Parameter Test Method		Identify test method used to measure parameter. If ASTM, list the ASTM test method title.
15	Sulfur	ppm	<b>9999</b> ; <i>Number</i> .
16	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.
17	Aromatics	volume %	<b>99.9</b> ; <i>Number</i> .
18	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.
19	Olefins	volume %	<b>99.9</b> ; <i>Number</i> .
20	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.
21	Benzene	volume %	<b>9.99</b> ; <i>Number</i> .
22	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.
23	Carbon	volume %	<b>9.99</b> ; <i>Number</i> .
24	Carbon 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.

**Electronic Submission Sample Record:**

RFG1800,O,Y,03/31/2015,2014,9999,9999,99999,1234-12345-14-654321,765432,12/31/2014,CB,99.00,ASTM D5599,30,ASTM D2622,26.4,ASTM D5769,11.9,ASTM D1319,0.62,ASTM D3606, 9.99,Test Method

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