§ 80.1270

Who may generate benzene credits under the ABT program?

(a) Early benzene credits. Early benzene credits are credits generated prior to 2011, or prior to 2015 if generated by a small refiner approved under §80.1340.

(1) Early credits may be generated under §80.1275 by a refiner for any refinery it owns that has an approved benzene baseline under §80.1285, including a refinery of a foreign refiner that is subject to the provisions of §80.1363.

(i) Early benzene credits shall be calculated separately for each refinery of a refiner.

(ii) A refinery that was shut down during the entire 2004–2005 benzene baseline period is not eligible to generate early credits under §80.1275.

(b) Compliance with the maximum average benzene standard at §80.1230(b) is achieved by a refinery or importer if the value of B_avg measured in accordance with §80.1238(a) is no greater than 1.30 volume percent for an applicable averaging period per §80.1239(b)(3).

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(ii) A refinery that was shut down during the entire 2004–2005 benzene baseline period is not eligible to generate early credits under §80.1275.

(2)(i) A refinery that was shut down during the entire 2004–2005 benzene baseline period is not eligible to generate early credits under §80.1275.

(ii) A refinery not in full production, excluding normal refinery downtime, or not showing consistent or regular gasoline production activity during

Environmental Protection Agency

§ 80.101(d)(4)(ii) and the calculation methodologies of §80.101(g)(3).

(2) For oxygenate added to RBOB, the refiner or importer must comply with the requirements of §80.69(a).

(c) Refiners and importers must exclude from the calculation specified in paragraph (a) of this section all of the following:

(1) Gasoline that was not produced at the refinery or imported by the importer.

(2) Except as provided in paragraph (b) of this section, any blendstocks or unfinished gasoline transferred to others.

(3) Gasoline that has been included in the compliance calculations for another refinery or importer.

(4) Gasoline exempted from the standards under §80.1235(b).

§ 80.1240 How is a refinery’s or importer’s compliance with the gasoline benzene requirements of this subpart determined?

(a) A refinery’s or importer’s compliance with the annual average benzene standard at §80.1230(a) is determined as follows:

\[
\text{CBV}_y = V_y \times \frac{B_{\text{avg},y}}{100} + D_{y-1} - BC - OC
\]

Where:

\( \text{CBV}_y \) = Compliance benzene value (gallons benzene) for year \( y \).

\( V_y \) = Gasoline volume produced or imported in year \( y \) (gallons).

\( B_{\text{avg},y} \) = Average benzene concentration in year \( y \) (volume percent benzene), calculated in accordance with §80.1238.

\( D_{y-1} \) = Benzene deficit from the previous reporting period, per §80.1230(c) (gallons benzene).

\( BC \) = Banked benzene credits used to show compliance (gallons benzene).

\( OC \) = Benzene credits obtained by the refinery or importer used to show compliance (gallons benzene).

(ii) If \( \text{CBV}_y > V_y \times (0.62)/100 \), then compliance with the benzene requirement at §80.1230(a) is not achieved for calendar year \( y \), and a deficit is created per §80.1230(c). The deficit value to be included in the following year’s compliance calculation per paragraph (a) of this section is calculated as follows:

\[
D_y = \text{CBV}_y - V_y \times \frac{0.62}{100}
\]

Where:

\( D_y \) = Benzene deficit created in compliance period \( y \) (gallons benzene).

(b) Compliance with the maximum average benzene standard at §80.1230(b) is achieved by a refinery or importer if the value of \( B_{\text{avg}} \) calculated in accordance with §80.1238(a) is no greater than 1.30 volume percent for an applicable averaging period per §80.1239(b)(3).

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