

Regulation 12, Rule 16, Section 40727.2 Analysis

Section	Description (paraphrased)	Comparable State/District Rules	Comparable Federal Rules	Discussion
101	Description	NA	NA	No applicable requirements
102	Sets an exemption for small refineries	NA	NA	Sets de minimis threshold
103	Allows a limited exemption from mitigation for increases in GHG and criteria pollutant emissions due solely to allowable increases in crude oil throughput	None	None	No applicable requirements
104	Exempts increases in emissions of GHG from the requirements of this Rule <i>except</i> the Causal Analysis in 401.1	None	None	No applicable requirements
105	Exempts emissions from flaring events addressed in Regulation 12, Rules 11 and 12, from the requirements of this rule	None	None	No applicable requirements
201 - 220	Definitions	NA	NA	No applicable requirements
301	Requires refinery owners/operators to obtain approval from the APCO for an Emission Reduction Plan (ERP) if an increase in emissions or health risk that meets the criteria in 301.1, 301.2, or 301.3 and is not exempt as per 103, 104, or 105	None	None	Facility permits, but not rules, <i>may</i> cap annual emissions, but do not include contingency plans if the cap is exceeded.
301.1 – 301.3	Establishes the criteria for requiring an ERP	NA	NA	No applicable requirements
302	Requires refinery owners/operators to implement the measures in ERPs prepared pursuant to 401 or 402	None	None	The elements in an ERP are proposed by the refinery owner/operator and approved by the APCO on a case-by-case basis and may contain elements that can be streamlined with existing requirements if necessary
303	Requires refinery owners/operators to obtain approval from the APCO for an updated health risk assessment if the conditions in 303.1 through 303.6 are met	None	None	Existing air quality regulations do not require health risk assessments
303.1 – 303.6	Describes the conditions that require and updated health risk assessment	NA	NA	No applicable requirements
401 and 401.1 – 401.3	Describes required elements of ERP	NA	NA	No applicable requirements
402 and 402.1 – 402.2	Requires an updated ERP if implementation of an APCO-approved ERP does not mitigate emissions increases	None	None	See discussion of 301 (above)
403 and 403.1 – 403.4	Establishes procedures for the APCO to review ERPs	NA	NA	Applies to APCO, not regulated sources

Section	Description (paraphrased)	Comparable State/District Rules	Comparable Federal Rules	Discussion
404 and 404.1 – 404.5	Establishes procedures for the APCO to determine refinery-specific trigger levels for toxic air contaminants	NA	NA	Applies to APCO, not regulated sources
405 and 405.1 – 405.2	Establishes criteria to qualify for the limited exemption in 103	NA	NA	No applicable requirements
601	States that emissions inventories prepared pursuant to this rule shall be prepared according to the Director's Guidance as per 12-15-412	NA	NA	Applies to APCO, not regulated sources