REGULATION III - CONTROL OF AIR CONTAMINANTS
RULE 300
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MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION III - CONTROL OF AIR CONTAMINANTS
RULE 300
VISIBLE EMISSIONS

SECTION 100 - GENERAL

101 **PURPOSE:** To limit the emission of air contaminants into the ambient air by establishing standards for visible emissions and opacity.

102 **APPLICABILITY:** This rule applies to visible emissions from sources for which no source-specific opacity requirements apply. Exceptions to this rule are described in Section 302 of this rule.

SECTION 200 - DEFINITIONS: For the purpose of this rule, the following definitions shall apply. See Rule 100-General Provisions and Definitions of these rules for definitions of terms that are used but not specifically defined in this rule.

201 **OPACITY** - A condition of the ambient air, or any part thereof, in which an air contaminant partially or wholly obscures the view of an observer.

202 **PERCENT OPACITY** - The degree to which an effluent plume or any other emission of air contaminants obscures the transmission of light expressed as a percentage.

203 **SHUTDOWN** - The cessation of operation of any air pollution control equipment and/or process equipment for any purpose, except routine phasing out of process equipment.

204 **STARTUP** - The setting into operation of any air pollution control equipment and/or process equipment for any purpose, except routine phasing in of process equipment.

205 **UNCOMBINED WATER** - Condensed water containing no more than analytical trace amounts of other chemical elements or compounds.

SECTION 300 - STANDARDS

301 **LIMITATIONS:** No person shall discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20% opacity for a period aggregating more than three minutes in any 60-minute period.

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302 EXCEPTIONS:

302.1 Charging Electric Arc Furnaces: When charging or back-charging any electric arc furnace for which construction commenced prior to February 2, 1963, a person may discharge air contaminants, other than uncombined water, in excess of the applicable opacity limit in Section 301 of this rule for no more than an aggregate of 3 minutes in any 45 minute period; however, visible emissions resulting from such discharge of air contaminants shall not exceed 40% opacity.

302.2 Emergency Diesel Generators (EDGs) And Equipment: When emergency diesel generators (EDGs) and equipment must run for safety reasons and/or for safety and operational tests to meet the requirements legally imposed by the Nuclear Regulatory Commission, a person may discharge air contaminants, other than uncombined water, in excess of the applicable opacity limit in Section 301 of this rule. Any discharge of air contaminants, other than uncombined water, in excess of the opacity limit in Section 301 of this rule should not contribute to a violation of the national ambient air quality standard.

302.3 Firing of Ordnance at Test Facilities: Visible emissions exceeding the opacity standards for short periods of time resulting from firing test rounds in enclosed bunkers at ordnance test facilities which do not exceed 6 minutes in length shall not constitute a violation of Section 301 of this rule.

302.4 Opacity Training: Equipment or processes used to train individuals in opacity observations shall be exempt from opacity standards during the preparation for and/or during the actual training session(s).

SECTION 400 - ADMINISTRATIVE REQUIREMENTS (NOT APPLICABLE)

SECTION 500 - MONITORING AND RECORDS

501 COMPLIANCE DETERMINATION - OPACITY: Opacity shall be determined by observations of visible emissions conducted in accordance with EPA Reference Method 9 as modified by EPA Reference Method 203B.

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