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Part VII. Source/Category Specific Emission Limits for Existing and New Sources

Section 1.0 Secondary Aluminum Production

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1.0 Applicability. The requirements set forth in this section are in addition to those set forth in 40 C.F.R. Part 63, Subpart RRR, incorporated herein by reference as of July 1, 2006. This Section applies to all new, existing and modified secondary aluminum production facilities located on the Gila River Indian Community.

2.0 EMISSION LIMITATIONS, STANDARDS AND OPERATING REQUIREMENTS

2.1 Visible Emissions. No person shall cause, allow or permit to be discharged into the atmosphere from any emission source at a secondary aluminum production facility any air contaminant, other than uncombined water, in excess of twenty (20) percent opacity, as determined by applying EPA Method 9 protocol.

2.2 Volatile Organic Compounds.

- A. The owner or operator of a source subject to this Section shall, in its initial permit application submitted pursuant to Part II, propose a VOC baseline emission rate in tons per year. The baseline emission rate shall be the source's actual emissions as determined pursuant to Part II, Section 1.0.
- B. Each source subject to this Section shall demonstrate annually by February 15 that for the preceding calendar year total VOC emissions were reduced by at least three (3) percent of the VOC baseline emission rate. This demonstration shall be required each year for five (5) consecutive years after issuance of the source's initial permit pursuant to Part II for a total VOC reduction of at least fifteen (15) percent from the VOC baseline emission rate.
- C. If within the five year period, a secondary aluminum production facility achieves a VOC reduction of fifteen (15) percent from the established VOC baseline emission rate, such facility shall be considered to have

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achieved the requirements for VOC reduction and shall not be required to achieve additional yearly incremental VOC reductions.

3.0 GENERAL ADMINISTRATIVE REQUIREMENTS

3.1 Operation and Maintenance Plan. Any owner or operator using an emissions control system to reduce emissions in accordance with this section shall provide to the Department for approval an Operation and Maintenance Plan (“O&M Plan”) at the time the initial permit application is submitted to the Department for an operating permit. The O&M Plan shall specify key system operating parameters, such as temperatures, pressures and/or flow rates, necessary to determine compliance with this Section and describe in detail procedures to maintain the approved emission control system. The Department’s written approval of the O&M Plan shall be required in order to comply with this subsection.

3.2 Providing and Maintaining Monitoring Devices. Any person incinerating, adsorbing, or otherwise processing organic materials pursuant to this Section shall provide, properly install and maintain in calibration, in good working order, and in operation, devices specified in the O&M Plan as well as in either the Permit to Operate or the Installation Permit for indicating temperatures, pressures, rates of flow, or other operating conditions necessary to determine if air pollution control equipment is functioning properly and is properly maintained.

4.0 RECORDKEEPING. Any owner or operator of a secondary aluminum production facility subject to this Section shall comply with the following recordkeeping requirements:

- A. Maintain records of the amount and type of solvent used and disposed.
- B. Maintain records of maintenance performed on air pollution control devices as required per the O&M Plan.
- C. Maintain records of any malfunctions of air pollution control devices and actions taken in response thereto.
- D. Maintain records of monthly afterburner inspections including any maintenance performed.

5.0 OPACITY TEST METHODS. Compliance with opacity limitations shall be determined using Method 9, 40 C.F.R. Part 60 Appendix A, except that the opacity observations for intermittent visible emissions shall require twelve (12) rather than twenty-four (24) consecutive readings at fifteen (15) second intervals. Alternatively, Method 22 may be used if approved by DEQ pursuant to a complete source monitoring/test protocol. Frequencies and locations for conducting visible emissions

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readings shall be integrated into each individual facility permit. Each facility shall provide for a certified opacity observer to conduct visible emissions readings at locations and on a schedule specified in each individual facility permit.