



AMENDMENT TO THE REGULATIONS OF THE ARKANSAS PLAN  
OF IMPLEMENTATION FOR AIR POLLUTION CONTROL

Section 8.1 of the Regulations is amended as follows by adding a subsection (iv) for the purpose of controlling fluoride emissions from primary aluminum plants:

(iv) Primary Aluminum Plants

CSN 100004 Reynolds Metals Company of Arkadelphia, Arkansas

Within the time provided in this section, the primary aluminum plant operated by Reynolds Metals Company of Arkadelphia, Arkansas, shall attain the following standards of removal and collection efficiencies:

- (1) primary collection efficiency of 85% and removal efficiency of 95% from center worked prebaked cells or a combination of these efficiencies resulting in equivalent fluoride removal;
- (2) primary collection efficiency of 75% and removal efficiency of 95% from side worked prebaked cells or a combination of efficiencies resulting in equivalent fluoride removal;
- (3) primary collection efficiency of 80% and removal efficiency of 95% from the horizontal stud Soderburg cells or a combination of efficiencies resulting in equivalent fluoride removal.
- (4) When total fluoride emissions to the atmosphere do not exceed a floor level of 10 pounds of fluorides (F) per ton of aluminum produced (TAP), the plant is exempt from the above collection and scrubbing efficiencies.

CSN 300030 Reynolds Metals Company of Jones Mill, Arkansas

Within the time provided in this section, the primary aluminum plant operated by Reynolds Metals Company of Jones Mill, Arkansas, shall attain the following standards of removal and control efficiencies:

- (1) primary collection efficiency of 85% and removal efficiency of 95% from the center worked prebaked cells or a combination of efficiencies resulting in equivalent fluoride removal.
  - (2) When total fluoride emissions to the atmosphere do not exceed a floor level of 8.5 pounds of fluorides (F) per ton of aluminum produced (TAP), the plant is exempt from the above collection and scrubbing efficiencies.
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- (A) Compliance testing, which may be required as provided by Section 7(a) shall be performed using EPA methods, testing procedures, and data reduction as set forth in 40 CFR 60.8. Testing shall be done as required by EPA Reference Methods 13A or 13B as published in the Federal Register or by such alternative methods and procedures as may be approved by the Director.
- (B) All primary aluminum plants specified in this subsection 8.1(c) (iv) shall meet the following increments of progress as such increments relate to the installation of equipment which will enable the attainment of the emission standard by the final compliance date.

<u>ACTION</u>	<u>DATE</u>
(1) Submit to the Department of Pollution Control and Ecology, the control plan for the facility.	May 1, 1983
(2) Let contracts for emission control systems or process modifications or issue purchase orders for the component parts to accomplish emission control or process modifications.	December 1, 1983
(3) Initiate on-site construction or installation of emission control equipment or process change.	January 1, 1984
(4) Complete installation or construction and commence operation of the facility with emission control systems in place and functioning.	June 1, 1986
(5) Submit to the Department of Pollution Control and Ecology, certification of compliance based upon a sampling program approved by the Director.	August 1, 1986

By August 1, 1986 or no later than 48 months following EPA approval should final approval not be forthcoming prior to August 1, 1982, final compliance will be achieved.

- (C) 1. Nothing in this sub-section (iv) shall prevent the Director from approving an alternative compliance schedule for any primary aluminum plant provided he finds that the application of the compliance schedule in sub-section (iv) (B) would be infeasible or impractical.

2. Nothing in this part shall prevent the owner or operator of a primary aluminum plant from submitting to the Director an alternative compliance schedule provided:

- (a) the proposed alternative compliance schedule is submitted within nine months of EPA's approval of the Arkansas 111(d) Plan for primary aluminum plants; and
- (b) the final control plans for achieving compliance with this sub-section are submitted simultaneously; and
- (c) the alternative compliance schedule contains the same increments of progress as the schedule for which it is proposed; and
- (d) sufficient documentation and certification from appropriate suppliers, contractors, manufacturers or fabricators are submitted by the owner or operator of the primary aluminum plant to justify the dates proposed for the increments or progress.