

The Clean Air Act Implementation Strategy (August, 1993)

Date	Title	Activity	Cmplt'd.	Stat. Deadline
Dec-90	Title I - Nonattainment			
		Issue "Getting Started" letter to Governors	Y	
		States submit request/justification for 5 % classification adjustments	Y	Dec-90
Jan-91		Publish two-year implementation strategy	Y	
	Title I - Nonattainment			
		Publish notice of initial PM-10 moderate nonattainment areas	Y	
		Initiate additional PM-10, SO _x , lead designation process	Y	
	Title VI - CFCs			
		Listing of depleting substances	Y	Jan-91
Feb-91	Title I - Nonattainment			
		Act on 5% classification adjustment requests	Y	Feb-91
Mar-91	Title I - Nonattainment			
		States submit nonattainment area designations	Y	Mar-91
			Y	
	Title VI - CFCs			
		Direct final 1991 production limits	Y	
Apr-91	Title I - Nonattainment			
		States submit PM-10 areas unable to attain by 1994	Y	
		States respond to list of PM-10, SO _x , lead nonattainment areas	Y	
May-91	Title I - Nonattainment			
		States deadline for RACT corrections	Partial	
		Notify States of Intent to modify suggested boundaries	Y	May-91

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Date	Title	Activity	Complt	Stat. Deadline
May-91	Title I - Nonattainment			
		Convene NE ozone transport commission	Y	May-91
	Title II - Mobile Sources			
		Finalize gasoline Reid Vapor Pressure regulations	Y	May-91
		Finalize Tier I car and truck standards	Y	May-91
		Propose reformulated gasoline requirements	Y	
		Propose clean fuels fleet and CA pilot credit programs	Y	
		Propose urban bus regulations	Y	
		Propose emission control diagnostic rule	Y	
	Title IV - Acid Rain			
		Propose regulations for auctions and sales	Y	
	Title V - Permit			
		Propose State permit regulations		
Jun-91	Title III - Air Toxics			
		Publish draft list of source categories	Y	
		Propose list of high risk pollutants, 90/95% early reductions guidance	Y	Jul-91
		Propose early reductions rulemaking	Y	
Jul-91	Title II - Mobile Sources			
		Propose lead substitute gasoline additives	Y	
	Title VII - Enforcement			
		Propose administrative penalties rules of practice	Y	
Sept-91	Title VI - CFCs			
		Propose CFC phase-out regulations	Y	
		Propose mobile air conditioning recycling regulations	Y	
Oct-91	Title I - Nonattainment			
		Publish VOC and CO emission inventory guidance	Y	

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Date	Title	Activity	Complt	Stat. Deadline
Oct-91	Title II - Mobile Sources			
		Publish study on non-road engines	Y	Nov-91
Nov-91	Title I - Nonattainment			
		Publish guidance on control cost-effectiveness	Y	Nov-91
		States submit PM-10 SIPs	Partial	Nov-91
		Publish air quality and emission trends report	Y	
		Establish Grand Canyon visibility transport commission	Y	Nov-91
		Propose PM-10 area reclassifications	Y	Jun-91
		Finalize ozone, CO, PM-10, and lead nonattainment boundaries	Y	Jul-91
	Title III - Air Toxics			
		Propose MACT for dry cleaners (per court order)	Y	
Dec-91	Title I - Nonattainment			
		Propose outer continental shelf rule	Y	
	Title IV - Acid Rain			
		Finalize regulations for auctions and sales	Y	Nov-91
		Propose allowance trading system	Y	
		Propose acid rain permit program	Y	
		Propose continuous emission monitor requirements	Y	
		Propose excess emissions rules	Y	
		Propose conservation and renewable incentives	Y	
Jan-92	Title V - Permits			
		Publish guidance on State programs to assist small businesses	Y	
	Title VI - CFCs			
		Propose ban on non-essential products	Y	
Feb-92	Title VII - Enforcement			
		Finalize administrative penalties rules of practice	Y	

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Date	Title	Activity	Complt	Stat. Deadline
Mar-92	Title II - Mobile Sources			
		Finalize onboard controls regulatory decision	Y	Nov-91
Apr-92	Title I - Nonattainment			
		Publish Title I General Preamble	Y	
		Propose rules for ozone, NO _x , and VOC monitoring	Y	
	Title II - Mobile Sources			
		Propose rule on reformulated gasoline SNPRM (supplemental notice of proposed rulemaking)	Y	Nov-91
May-92	Title I - Nonattainment			
		Publish guidance on TCM's (transportation control measures)	Y	Nov-91
	Title II - Mobile Sources			
		Finalize cold temperature CO standards	Y	Nov-91
	Title VI - CFCs			
		Propose CFC labeling regulations	Y	
Jun-92	Title VI - CFCs			
		Finalize mobile air conditioning recycling regulations	Y	Nov-91
Jul-92		Revise two-year implementation strategy	Y	
	Title I - Nonattainment			
		States submit SIPs for initial SO ₂ nonattainment areas	Partial	May-92
	Title II - Mobile Sources			
		Propose enhanced I/M regulation	Y	
	Title III - Air Toxics			
		Publish final list of source categories	Y	Nov-91
	Title IV - Acid Rain			
		Propose list of Phase II utility allowances	Y	Dec-91

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Jul-92	Title V - Permits			
		Finalize State permit regulations	Y	Nov-91
	Title VI - CFCs			
		Finalize CFC phase-out regulation	Y	Sept-91
Aug-92	Title I - Nonattainment			
		Finalize guidance on transportation air quality planning	Y	Aug-91
Sept-92	Title I - Nonattainment			
		Propose additional PM-10 nonattainment areas	Y	
		Propose discretionary sanction rules	Y	
		Finalize outer continental shelf rules	Y	Nov-91
	Title III - Air Toxics			
		Propose regulatory schedule for all source	Y	
Oct-92	Title I - Nonattainment			
		Publish 1991 air quality data and emission trends	Y	
	Title II - Mobile Sources			
		Finalize oxygenated fuel credit guideline	Y	Aug-91
	Title III - Air Toxics			
		Propose MACT for hazardous organic chemical	Y	
Nov-92	Title I - Nonattainment			
		States submit RACT catch-up rules, NSR rules, CO attainment demonstration and contingency measures	Partial	Nov-92
		States submit small business assistance programs	Partial	Nov-92
		States submit base ozone, CO emission	Partial	Nov-92
		Finalize PM-10 BACM technical guidance	Y	May-92
		Publish Title I NOX guidance	Y	

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Nov-92	Title II - Mobile Sources			
		Finalize enhanced I/M regulation	Y	Nov-91
	Title IV - Acid Rain			
		Propose NO _x requirements for utility boilers	Y	
Dec-92	Title I - Nonattainment			
		Publish alternative control technology document for VOCs from bakeries	Y	Nov-93
	Title II - Mobile Sources			
		Propose revisions to motor vehicle certification procedures (certification short test)	Y	
		Finalize California pilot credit program	Y	Nov-91
	Title III - Air Toxics			
		Propose MACT for coke ovens	Y	
		Finalize early reductions rulemaking	Y	
	Title VI - CFCs			
		Propose emission reduction program	Y	Jan-92
Jan-93	Title I - Nonattainment			
		Approve/disapprove first PM-10 SIPs	Partial	Jan-93
		Finalize PM-10 area reclassifications	Y	Dec-91
		Propose transportation conformity criteria	Y	
	Title II - Mobile Sources			
		Finalize vehicle evaporative emissions regulations	Y	Aug-93
		Finalize emission control diagnostic rule	Y	May-92
		Publish draft mobile source air toxics study	Y	
		Propose reformulated gasoline complex model		
		Finalize clean fuels fleet (TCM's)	Y	Nov-91
	Title III - Air Toxics			
		Propose list of substances for accidental releases prevention program	Y	

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Date	Title	Activity	Complt	Stat. Deadline
Jan-93	Title IV - Acid Rain			
		Finalize excess emission requirements	Y	May-92
		Finalize allowance trading system	Y	May-92
		Finalize continuous emission monitoring requirements	Y	May-92
		Finalize conservation and renewable incentives	Y	May-92
		Finalize acid rain permit program	Y	May-92
	Title VI - CFCs			
		Finalize ban nonessential products	Y	Nov-91
Feb-93	Title I - Nonattainment			
		Finalize rules for ozone, NO _x , VOC enhanced monitoring		May-92
		Propose economic incentive rules	Y	
	Title II - Mobile Sources			
		Finalize urban bus 94+ (PM standard)	Y	Jan-92
		Finalize procedures of enforcement for urban bus stds.	Y	May-92
	Title IV - Acid Rain			
		Sources submit Phase I permit applications and proposed compliance plans	Y	Feb-93
	Title VI - CFCs			
		Finalize CFC labeling regulations	Y	May-92
	Title VII - Enforcement			
		Propose rules for citizen suits	Y	
Mar-93	Title I - Nonattainment			
		Issue draft 185B report	Y	
		Propose general conformity criteria	Y	
	Title II - Mobile Sources			
		Finalize urban bus retrofit	Y	Nov-91
		Finalize procedures of enforcement for urban bus stds.	Y	May-92

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Date	Title	Activity	Complt	Stat. Deadline
Mar-93	Title IV - Acid Rain			
		Initiate auctions and sales of allowances	Y	Mar-93
		Finalize list of Phase II utility allowances	Y	Dec-92
	Title VI - CFCs			
		Propose procurement regulations	Y	May-92
		Propose accelerated CFC phase-out	Y	
Apr-93	Title I - Nonattainment			
		States submit lead SIPs (18 months from designation)	Partial	Jul-93
		Publish alternative control technology document for VOCs from pesticide applications	Y	Nov-93
	Title II - Mobile Sources			
		Publish final mobile source related air toxics study	Y	May-92
		Propose non-road emission standards > 50 hpr.	Y	Nov-92
	Title III - Air Toxics			
		Propose guidance for State air toxics program 112(l)	Y	
	Title VI - CFCs			
		Finalize emission reduction program (Section 608)	Y	Jan-92
May-93	Title I - Nonattainment			
		PM-10 PSD Increments (11/92 court agreement)	Y	
	Title II - Mobile Sources			
		Propose clean fuel fleet vehicle standards, conversions and general provisions	Y	Nov-92
	Title VI - CFCs			
		Propose safe alternatives		Nov-92
Jun-93	Title II - Mobile Sources			
		Propose California pilot, clean vehicle standards, and opt-in provisions	Y	

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Date	Title	Activity	Complt	Stat. Deadline
Jun-93	Title III - Air Toxics			
		Propose rule on case-by-case MACT determination 112(j)	Y	
		Propose rules for risk management plans and prevention programs (OSWER)		
	Title IV - CFCs			
		Propose Class II Non-essential ban		Nov-91
Jul-93	Title I - Nonattainment			
		Publish 185B NO _x /VOC study	Y	Feb-92
	Title III - Air Toxics			
		Complete study of the hazards of hydrofluoric acid (OSWER)		Nov-92
Aug-93	Title I - Nonattainment			
		Publish SOCMI distillation processes CTG		Nov-93
		Publish SOCMI reactor processes CTG		Nov-93
		Publish SOCMI batch processes CTG		Nov-93
	Title II - Mobile Sources			
		Submit transportation systems report to Congress	Y	
	Title III - Air Toxics			
		Propose general provisions for MACT standards	Y	
		Propose MACT for industrial cooling towers	Y	
		Section 112(s) Report		
		Permits for early reduction sources		
	Title IV - Acid Rain			
		EPA action on Phase I permits		Aug-93
Sept-93	Title I - Nonattainment			
		Propose Certification Program for solid waste and fossil-fuel combustor operators (OSWER)		
	Title III - Air Toxics			
		Finalize MACT for coke ovens		Dec-92
		Finalize MACT for dry cleaners		Nov-92

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Date	Title	Activity	Complt	Stat. Deadline
Sept-93	Title IV - Acid Rain			
		Propose opt-in regulations -- combustion sources		
	Title VII - Enforcement			
		Propose rules for enhanced monitoring		
Oct-93	Title I - Nonattainment			
		Finalize non-transportation conformity criteria		Nov-91
		Publish air quality and emission trends report		
		Finalize discretionary sanctions rules		
		Finalize additional PM-10 nonattainment areas		
	Title II - Mobile Sources			
		Finalize revisions to motor vehicle certification procedures (I/M short test)		Nov-91
		Finalize testing protocols for fuels and additives		
		Propose detergent additive regulations		
	Title III - Air Toxics			
		Propose MACT for pulp and paper		
		Publish study of hydrogen sulfide emissions from extracting natural gas and oil		Nov-92
	Title IV - Acid Rain			
		Finalize NO _x requirements for utility boilers		May-92
		Begin issuing allowances to small diesel refineries		Oct-93
	Title VI - CFCs			
		Finalize procurement regulation		May-92
	Title VIII - Miscellaneous			
		Section 811 Report (International Competitiveness)		May-92
		Issue report on the impact of the 1990 CAA Amendments		Nov-92
Nov-93	Title I - Nonattainment			
		States receive emission source statements		Nov-93

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Date	Title	Activity	Complt	Stat. Deadline
Nov-93	Title I - Nonattainment	Submit consumer/commercial products study report to Congress		Nov-93
		Publish alternative control technology documents for NO _x sources		Nov-93
		States submit selected SIP provisions for moderate and above ozone areas		Nov-93
		Publish surface coal mining study		Nov-93
		Finalize general conformity criteria		Nov-91
	Title III - Air Toxics			
		Submit Great Lakes study report to Congress		Nov-93
		Issue urban area strategy - research report		Nov-93
		Submit NAS study to Congress		May-93
		Finalize rules for risk management plans and prevention programs		Nov-93
		Publish guidance for state air toxics programs 112(L)		Nov-91
		Propose MACT for chromium electroplating		
		Finalize list of substances for accidental releases prevention program		Nov-92
		Finalize regulatory schedule for all source categories		Nov-92
		Propose Degreasing MACT		
	Title IV - Acid Rain			
		States submit acid rain permit program proposals		Nov-93
		Promulgate SO ₂ new source performance standards (NSPS) for new fossil fuel utility units		Nov-93
	Title V - Permits			
		States submit operating permit programs		Nov-93
	Title VI - CFCs			
		Finalize CFC phase-out		

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Nov-93	Title VIII - Miscellaneous			
		Finalize Class II Non-essential Ban		Nov-91
Dec-93	Title I - Nonattainment			
		Propose Part C & D new source review requirements		
		Finalize economic incentives rules		Nov-92
	Title II - Mobile Sources			
		Finalize reformulated gasoline regulations		Nov-91
		Finalize reformulated gasoline complex model		
		Finalize CNG/LPG vehicle standards		
	Title III - Air Toxics			
		Propose guidance for modification provisions		
	Title VII - Enforcement			
		Propose rule for contractor listing		
		Propose rules for monetary awards		
Jan-94	Title I - Nonattainment			
		Promulgate sanctions for States failing to submit PM-10 SIPs (18 months from findings)		Jan-93
		Approve/disapprove ozone & CO submittals due 11/92		Jan-94
	Title II - Mobile Sources			
		Finalize on-board refueling vapor recovery regulations		
	Title III - Air Toxics			
		Deliver program-specialized inspection training course at three regional locations (radionuclides)		
		Develop inspection manual and training materials for coke ovens		Nov-93
		Issue HAP list petition procedure guidance		
		Propose standards for large MWC's		Nov-91
		Propose standards for small MWC's		Nov-92
		Propose Stage I gasoline marketing MACT		

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Date	Title	Activity	Complt	Stat. Deadline
Jan-94	Title IV - Acid Rain			
		Promulgate NO _x NSPS for fossil fuel-fired boilers (utility and nonutility units)		Jan-94
	Title V - Permits			
		Propose Federal operating permit regulations		
	Title VI - CFCs			
		Enhance regional compliance components		Nov-92
		Finalize safe alternatives program		
	Title VII - Enforcement			
		Prepare clarification guidance for EPA supplementary environmental projects for air		
Feb-94	Title III - Air Toxics			
		Propose MACT for solid waste TSDF		
		Propose MACT for commercial sterilizers		
		Finalize MACT for hazardous organic chemical manufacturing		Nov-92
		Propose MACT for magnetic tape coating		
		Finalize general provisions for MACT standards		
Mar-94	Title I - Nonattainment			
		Publish web offset lithography CTG		Nov-93
	Title II - Mobile Sources			
		Propose revision for federal test procedures		
Apr-94	Title I - Nonattainment			
		Publish petroleum/industrial wastewater CTG		Nov-93
		Publish plastic parts coating CTG		Nov-93
		Publish storage tanks CTG		Nov-93
		Propose tank vessel rule		
		Publish results of ozone design value study		Nov-93
	Title II - Mobile Sources			
		Propose non-road emission standards <25 HP - Phase I		Nov-92

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Date	Title	Activity	Complt	Stat Deadline
Apr-94	Title II - Mobile Sources			
		Finalize clean fuel fleet vehicle standards, conversions, and general provisions		
		Finalize California pilot, clean vehicle standards, and opt-in provisions		
	Title III - Air Toxics			
		Propose MACT for polymers and resins II		Nov-94
		Final permits for early reduction sources		
		Finalize case-by-case MACT determinations 112(j)		
	Title VII - Enforcement			
		Finalize rules for citizen suits		
May-94	Title I - Nonattainment			
		Reclassify marginal ozone areas failing to attain by 11/93		May-94
		Propose NSR Simplification rule		
	Title II - Mobile Sources			
		Finalize non-road emissions standards for >50 HP diesel engines		
	Title III - Air Toxics			
		Publish draft risk assessment and management commission report		May-94
		Develop inspection manual and training materials for dry cleaners		
		Propose MACT for secondary lead smelters		
	Title IV - Acid Rain			
		Propose NO _x NSPS for new fossil fuel utility units [407(c)]		
Jun-94	Title I - Nonattainment			
		Approve/disapprove lead SIPs due 4/93		Jun-94
		States implement Phase II of the enhanced ozone monitoring network		
	Title II - Mobile Sources			
		Report to Congress on the Cal. low-emissions vehicle		Jun-94

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Date	Title	Activity	Complt	Stat. Deadline
Jun-94	Title II - Mobile Sources			
		Propose locomotive emissions standards		
		Finalize lead substitute gasoline additives		Nov-91
		Proposed mobile source air toxics regulation		
	Title III - Air Toxics			
		Develop inspection manual and training materials for Stage I vapor recovery systems		
		Develop inspection manual and training materials for medical waste incinerators		
		Develop inspection manual and training materials for industrial cooling towers		
		Develop inspection manual and training materials for pulp & paper industry		
		Propose medical waste incinerator rule		
		Propose MACT for Petroleum refineries		
	Title IV - Acid Rain			
		Prepare implementation guidance for Phase II - affected units		
		Finalize opt-in regulations - combustion sources		May-92
Jul-94	Title III - Air Toxics			
		Propose MACT for aerospace industry		
		Promulgate industrial cooling towers standards		
		Propose MACT for shipbuilding (surface coating)		
		Propose MACT for printing/publishing industry		
		Propose asbestos MACT		
	Title VII - Enforcement			
		Issue enhanced monitoring reference document		
Sept-94	Title I - Nonattainment			
		Produce inspection and compliance checklists for new CTGs completed in FY1993		
	Title II - Mobile Sources			
		Propose non-road emission standards for marine engines		Nov-92

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Sept-94	Title III - Air Toxics			
		Final certification program for solid waste and fossil-fuel combustor operators		
	Title VII - Enforcement			
		Finalize rules for enhanced monitoring		Nov-92
		Finalize guidance/rule for field citations		
		Finalize rules for monetary awards		
Oct-94	Title II - Mobile Sources			
		Finalize detergent additive regulations		
	Title III - Air Toxics			
		Finalize guidance for modifications provisions		May-92
	Title IV - Acid Rain			
		Propose opt-in regulations -- process sources		
Nov-94	Title I - Nonattainment			
		Publish wood furniture CTG		Nov-93
		States submit ozone SIP's demonstrating attainment		Nov-94
	Title III - Air Toxics			
		Promulgate MACT chromium electroplating		Nov-92
		Submit mercury study to Congress		Nov-94
		Submit risk assessment and management commission report to Congress		Nov-94
		Promulgate MACT for 25% of source category list (includes about 30 categories)		Nov-94
		Promulgate MACT for commercial sterilizers		
		Promulgate degreasing MACT		Nov-94
		Promulgate Stage I gasoline marketing MACT		Nov-94
		Finalize MACT for magnetic tape coatings		Nov-94
	Title V - Permits			
		Finalize Federal operating permit program		
Dec-94	Title I - Nonattainment			
		Finalize Part C & D new source review requirements		

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Dec-94	Title VII - Enforcement			
		Finalize rule for contractor listing		
Feb-95	Title III - Air Toxics			
		Finalize MACT for polymers and resins II		Nov-94
Mar-95	Title I - Nonattainment			
		Propose auto body refinishing		
Apr-95	Title I - Nonattainment			
		Finalize tank vessel rule		
	Title IV - Acid Rain			
		Finalize NO _x NSPS for new fossil fuel utility units [407(c)]		
May-95	Title I - Nonattainment			
		Final NSR Simplification rule		
	Title II - Mobile Sources			
		Finalize non-road emission standards for <25 HP SI engines		
		Finalize mobile source air toxics regulations		May-95
	Title III - Air Toxics			
		Promulgate asbestos MACT		
	Title III - Air Toxics			
		Final MACT for secondary lead smelters		Nov-94
Jun-95	Title I - Nonattainment			
		Final NSR Simplification Rule		
	Title III - Air Toxics	Promulgate medical waste incineration standards		Nov-94
		Finalize MACT for petroleum refineries		

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Jun-95	Title VII - Enforcement			
		Update enhanced monitoring referencing document		
Jul-95	Title III - Air Toxics			
		Final MACT for aerospace industry		
		Final MACT for printing/publishing industry		Nov-94
		Final MACT for shipbuilding (surface coatings)		Nov-94
Aug-95	Title III - Air Toxics			
		State must submit plans for implementing MWC standards		Nov-94
Sept-95	Title III - Air Toxics			
		Promulgate paper & pulp MACT		Nov-94
Oct-95	Title I - Nonattainment			
		Publish air quality and emission trends report		
	Title IV - Acid Rain			
		Finalize opt-in regulations -- process sources		May-92
Nov-95	Title II - Mobile Sources			
		Finalize marine engine emission standards		
		Finalize locomotive emission standards		Nov-95
	Title III - Air Toxics			
		Study of electric utilities steam generating units		Nov-93