

SUMMARY OF CATEGORICAL PRETREATMENT STANDARDS

PART	CATEGORY	PRETREATMENT DISCHARGE SUBPARTS	PRETREATMENT NO-DISCHARGE SUBPARTS	NO PRETREAT. STANDARDS	EFFECTIVE DATE OF REGULATION	NEW SOURCE DATE	COMMENTS
405	Dairy Products			A-L			
406	Grain Mills	NS -- A		[ES -- A], B-J		12/4/73	406.16 restricts excessive loading
407	Canned & Preserved Fruits & Vegetables			A-H			
408	Canned & Preserved Seafood			A-AG			
409	Sugar Processing			A-H			
410	Textile Mills			A-I			
411	Cement Manufacturing			A-C			
412	Feedlots		NS -- B	A, [ES -- B]		9/7/73	B allowance 412.15(b)
413	Electroplating	[ES only -- A,B,D-H]		C		8/31/82	ES, job shop, & printed circuit board manuf. only
414	OCPSF	B-H,K		A,I,J		3/21/83	ERROR in 414.26 - 411.111 should be 414.111

415	Inorganic Chemicals	[ES & NS -- AH, AJ, AU, BL, BM, BO]	[NS -- L, AL, AR, BC]	G, I, J, O, R, S, U, W, X, Y, Z, AB, AD, AF, AG, AK, AM, AO, AS, AT, AV, AW, AY, AZ, BD-BG, BI, BJ		7/24/80 (Phase 1) 10/25/83 (Phase 2) Pretreatment Standards for Subparts T, AA, AC, AE, AI, AJ [†] , AL, AN, AQ, AR, AU [†] , AX, BC, BH, BK, BL, BM, BN, and BO were promulgated in phase 2, and therefore the phase 2 new source date applies, with the following exceptions: (1) Within Subpart AJ, pretreatment standards for copper sulfate manufacturing were promulgated during phase 1, and therefore the phase 1 new source date applies to the manufacture of copper sulfate under Subpart AJ; (2) Within Subpart AU, pretreatment standards for nickel sulfate manufacturing were promulgated during phase 1, and therefore the phase 1 new source date applies to the manufacture of nickel sulfate under Subpart AU. Pretreatment Standards for all other Subparts were promulgated in phase 1 and therefore the phase 1 new source date applies.	E allowance 415.55(b), M allowance 415.135(b), P allowance 415.165(b), AA&AC&AX w/allowance
		[ES -- L, AL, AR, BC]	[NS only -- C-E, M, N, P, AA, AC, AE, AN, AQ, AX, BH, BK]				
		[NS only -- B, F, H, K, Q, T, V, AI, AP, BB, BN],					
		[ES only -- A, BA]					
417	Soap & Detergent Manufacturing		NS only -- O-R The new source date for molybdenum acid plants within Subpart I is 6/27/84.	A-N, S		12/26/73 (Q) 2/20/75 (O,P,R)	
418	Fertilizer Manufacturing	NS only -- B-G	NS only -- A			12/7/73 (A-D) 1/16/76 (E) 10/7/74 (F-G)	All subparts refer to Part 128 which does not currently exist, D suspended (editorial note, 418.46)

419	Petroleum Refining	A-E				12/21/79	
420	Iron & Steel Manufacturing	A-F, H-J, L		G, K		1/7/81	
421	Nonferrous Metals Manufacturing	[NS only -- B, E, N, O, R-U, W, Z, AD, AE] [ES&NS -- C, G-M, P, Q, V, X, Y, AA-AC]	[NS only -- D] [ES&NS -- F]	A		2/17/83 (A-I, K-M) 6/27/84 (N-AE) 1/22/87 (J) A-I: The new source date for molybdenum acid plants within Subpart I is 6/27/84.	421.65 (ES for subpart F) allows for impoundment discharge
422	Phosphate Manufacturing			A-F			
423	Steam Electric Power Generating	Main part	Main part			10/14/80	Only one part (no subparts); both ES & NS contain no discharge of PCBs, limits on CU, Cr & Zn
424	Ferroalloy Manufacturing			A-G			
425	Leather Tanning & Finishing	A-I				7/2/79 1/21/87 (C)	
426	Glass Manufacturing	[NS only -- H, K-M]		A-G, I, J		8/22/73 (A) 10/17/73 (B-D, E, G) 8/21/74 (H, K-M)	
427	Asbestos Manufacturing			A-K			
428	Rubber Manufacturing	NS only -- E-K		A-D		8/23/74 10/11/73 (D)	
429	Timber Products	[ES -- G, H]	[ES&NS -- F] [NS -- G, H, L]	A-E, I-K, M-P, [ES -- L]		10/31/79	
430	Pulp, Paper & Paperboard	A-G, I-L		H		1/6/81 (A, C-D, F-L) 12/17/93 (B, E)	
432	Meat Products			A-J			
433	Metal Finishing	A				8/31/82	
434	Coal Mining			A-F			
435	Oil & Gas Extraction		D	A-C, E-G		2/17/95	

436	Mineral Mining & Processing			A-AL			
437	Centralized Waste Treatment	A-D			1/22/01	1/13/99	On-site compliance paperwork required for subpart D. Effective Date 1/22/01.
439	Pharmaceutical Manufacturing	A-D		E		5/2/95	
440	Ore Mining & Dressing			A-M			
441	Industrial Laundries						Proposal withdrawn, no standards promulgated.
442	Transportation Equipment Cleaning	A-C		D		6/25/98	A-C has P2 alternative.
443	Paving & Roofing Materials	NS only -- A-D				1/10/75	
444	Hazardous Waste Combustors	A				2/6/98	
445	Landfills			A,B			
446	Paint Formulating		NS only -- A			2/26/75	
447	Ink Formulating		NS only -- A			2/26/75	
454	Gum & Wood Chemicals Manufacturing			A-F			
455	Pesticide Chemicals	A	C, E	B, D		4/10/92 (A,B) 4/14/94 (C,E)	C has P2 allowance
457	Explosives Manufacturing			A-C			
458	Carbon Black Manufacturing	NS only -- A-D				5/18/76	
459	Photographic			A			
460	Hospitals			A			
461	Battery Manufacturing	A, C, D, F, G, [NS only -- E]	NS only -- B			11/10/82	
463	Plastics Molding & Forming			A-C			

464	Metal Molding & Casting	A(464.15/16a-d, f-h), B(464.25/26a-c, e-g), C(464.35/36a-c, e-i), D	A(464.15/16e), B(464.25/26d), C(464.35/36d)			11/15/82	
465	Coil Coating	A-D				1/12/81 (A-C) 2/10/83 (D)	
466	Porcelain Enameling	A, B(porcelain enameling), C, [NS only -- D]	B(metal preparation)			2/27/81	
467	Aluminum Forming	A, B, C(core & ancillary), D, E, F	C(degassing)			11/22/82	
468	Copper Forming	A		B		11/12/82	
469	Electrical & Electronic Components	A-C, [NS only -- D]				8/24/82 (A,B) 3/9/83 (C,D)	
471	Nonferrous Metals Forming & Metal Powders	A(471.14/15a,b,d-n), B(471.24/25a,c-h,j), C(471.34/35b,c,f,h-l,n,p,r-aa,dd-ff), D(471.44/45b,d-h,j,k,m-s,u), E(471.54/54b,e,g-i,l-q,s-x), F(471.64/65b,e,f,h-j,m-s,u-x), [NS only -- G(471.75b,c,e-m), H(471.85b-e,g-m)], I(471.94/95d,f,h-l,p-r,t), J(471.104/105a,b,d,e,g-i)	A(471.14/15c,o), B(471.24/25b,i), C(471.34/35a,d,e,g,m,o,q,bb,cc), D(471.34.35a,c,i,l,t,v), E(471.54/55a,c,d,f,j,k,r,y), F(471.64/65a,c,d,g,k,l,t,y), [NS only -- G(471.75a,d,n), H(471.85a,f,n)], I(471.94/95a-c,e,g,m-o), J(471.104/105f,k; 105c)	J(471.104c)		3/5/84	Allowance for 471.34/35d, 471.94/95g ERROR - J (471.104c) probably meant to state "no discharge"

ES - Existing source standard for subpart

ES only or NS only - Subpart contains standards only for ES or only for NS

NS - New source standard for subpart

Note: If ES/NS not specified, assume subpart has both ES and NS standards