APPENDIX II—ABATEMENT CODES

This appendix contains the abatement codes used to complete the Abatement Device Information form. The codes are listed alphabetically by device description.

AB Code: The numeric code of the abatement device

Abatement Device: A text description of the device

AB Code	Abatement Device
406	Absorption Tower, Packed Bed
402	Absorption Tower, Plate—Bubble Cap
405	Absorption Tower, Plate—Floating Cap
404	Absorption Tower, Plate—Parallel Bars
403	Absorption Tower, Plate—Perforated (Sieve)
401	Absorption Tower, Gravity Spray Tower
48	Activated Carbon Adsorption
461	Adsorption—Continuous, Activitated Carbon
460	Adsorption—Continuous
451	Adsorption—Fixed Bed, Activated Carbon
452	Adsorption—Fixed Bed, Alumina
453	Adsorption—Fixed Bed, Bauxite
454	Adsorption—Fixed Bed, Bone Char
450	Adsorption—Fixed Bed
455	Adsorption—Fixed Bed, Fuller's Earth
456	Adsorption—Fixed Bed, Magnesia
457	Adsorption—Fixed Bed, Silica Gel
458	Adsorption—Fixed Bed, Strontium Sulfate
503	Afterburner, Boiler Or Heater (With Or Without Heat Recovery)
502	Afterburner, Catalytic
501	Afterburner, Direct Flame
500	Afterburner
68	Alkaline Fly Ash Scrubbing
40	Alkalized Alumina
400	Asorption Tower
31	Carbon Injection
631	Catalytic Reduction
39	Catalytic Oxidation—Flue Gas Desulfurization
7	Centrifugal Collector—High Efficiency
9	Centrifugal Collector—Low Efficiency
8	Centrifugal Collector—Medium Efficiency
620	Chemical Oxidation
624	Chemical Oxidation, Air Oxidation
622	Chemical Oxidation, Chlorine
623	Chemical Oxidation, Hypochlorite
625	Chemical Oxidation, Oxidation Using Oxygen
621	Chemical Oxidation, Permanganate
630	Chemical Alteration
660	Claus Tail Gas Cleanup
664	Claus Tail Gas Cleanup, Clean Air
661	Claus Tail Gas Cleanup, Ifp

AB Code	Abatement Device
662	Claus Tail Gas Cleanup, Scot
663	Claus Tail Gas Cleanup, Stretford
665	Claus Tail Gas Cleanup, Sulfreen
667	Claus Tail Gas Cleanup, Takahak
666	Claus Tail Gas Cleanup, Wellman-Bevon
612	CO Removal, CO Boiler
613	CO Removal, Catalytic Thermal Reduction
21	Direct Flame Afterburner
36	Dual Alkali Scrubbing
10	Electrostatic Precipitator—High Efficiency
12	Electrostatic Precipitator—Low Efficiency
350	Electrostatic Precipitation
11	Electrostatic Precipitator—Medium Efficiency
352	ESP, Single Stage, Wire/Plate—Wet
353	ESP, Single Stage, Wire/Tube—Dry
354	ESP, Single Stage, Wire/Tube—Wet
355	ESP, Two Stage (Electronic Air Cleaner)
351	ESP, Single Stage, Wire/Plate—Dry
16	Fabric Filter—High Temperature
18	Fabric Filter—Low Temperature
17	Fabric Filter—Medium Temperature
303	Filter—Fabric (Baghouse), Sonic Cleaning
302	Filter—Fabric (Baghouse), Auxiliary Air Shaking
301	Filter—Fabric (Baghouse), Mechanical Shaking
305	Filter—Fabric (Baghouse), Pressure Jet
304	Filter—Fabric (Baghouse), Pulse Jet (Venturi)
307	Filter—Fabric (Baghouse), Reverse Air Flow
306	Filter—Fabric (Baghouse), Reverse Jet (Ring)
300	Filter—Fabric (Baghouse)
314	Filter—Fixed Panel, Aggregate Bed (Sand, etc.)
315	Filter—Fixed Panel, Fluidized Bed
312	Filter—Fixed Panel, Metal Mesh Mat
313	Filter—Fixed Panel, Paper Mat
316	Filter—Fixed Panel, Sintered Metal Filter
311	Filter—Fixed Panel, Fibrous Mat And Paint Boot
310	Filter—Fixed Panel
321	Filter—Roll Type, Throw-Away Fibrous Mat
320	Filter—Roll Type
322	Filter—Roll Type, Self-Cleaning
23	Flare, Flaring
515	Flare—Waste Gas, Burning Pit

AB Code	Abatement Device
512	Flare—Waste Gas, Elevated (>30Ft.) Smokeless
511	Flare—Waste Gas, Elevated (>30Ft.)
514	Flare—Waste Gas, Ground (<30Ft.) Smokeless
510	Flare—Waste Gas
513	Flare—Waste Gas, Ground (<30Ft.)
26	Flue Gas Recirculation
6	Gravity Collector—Low Efficiency
5	Gravity Collector—Medium Efficiency
4	Gravity Collector—High Efficiency
645	Hydrogen Sulfide Control, Claus Process
641	Hydrogen Sulfide Control, Aqueous Amine Process
644	Hydrogen Sulfide Control, Iron Oxide
643	Hydrogen Sulfide Control, Potassium Carbonate
642	Hydrogen Sulfide Control, Seaboard Process
640	Hydrogen Sulfide Control
543	Incinerator—Municipal Waste, Multi-Chamber (Controlled Air)
542	Incinerator—Municipal Waste, Multi-Chamber (Conventional)
541	Incinerator—Municipal Waste, Single Chamber
540	Incinerator—Municipal Waste
552	Incinerator—Pathological Waste, Multi-Chamber (Conventional)
550	Incinerator—Pathological Waste
553	Incinerator—Pathological Waste, Multi-Chamber (Controlled Air)
551	Incinerator—Pathological Waste, Single Chamber
563	Incinerator—Scrap Metal (Furnaces), Multi-Chamber (Controlled Air)
562	Incinerator—Scrap Metal (Furnaces), Multi-Chamber(Conventional)
561	Incinerator—Scrap Metal (Furnaces), Single Chamber
560	Incinerator—Scrap Metal
520	Incinerator—Waste Gas
522	Incinerator—Waste Gas, Multi-Chamber (Conventional)
523	Incinerator—Waste Gas, Multi-Chamber (Controlled Air)
521	Incinerator—Waste Gas, Single Chamber-Thermal Oxidizer
530	Incinerator—Waste Liquid
533	Incinerator—Waste Liquid, Multi-Chamber (Controlled Air)
532	Incinerator—Waste Liquid, Multi-Chamber (Conventional)
531	Incinerator—Waste Liquid, Single Chamber-Thermal Oxidize
572	Incinerator—Wire (Non-PVC) Multi-Chamber (Conventional)
571	Incinerator—Wire (Non-PVC) Single Chamber
570	Incinerator—Wire (Non-PVC)
580	Incinerator—Wire (PVC)
573	Incinerator—Wire (Non-PVC) Multi-Chamber (Controlled Air)
582	Incinerator—Wire (PVC), Multi-Chamber (Conventional)

AB Code	Abatement Device
583	Incinerator—Wire (PVC), Multi-Chamber (Controlled Air)
581	Incinerator—Wire (PVC), Single Chamber
592	Incinerator—Wood Waste, Multi-Chamber (Conventional)
593	Incinerator—Wood Waste, Multi-Chamber (Controlled Air)
591	Incinerator—Wood Waste, Single Chamber
594	Incinerator—Wood Waste, Teepee
595	Incinerator—Wood Waste, Trench (Air Curtain)
590	Incinerator—Wood Waste
110	Inertial Collector—Dry, Momentum
150	Inertial Collector—Dry, Centrifugal-Dynamic Collector
140	Inertial Collector—Dry, Centrifugal-Fixed Scroll
130	Inertial Collector—Dry, Centrifugal—Multiple Cyclone
120	Inertial Collector—Dry, Centrifugal—Single Cyclone
101	Inertial Collector—Dry, Gravity, Balloon Duct
104	Inertial Collector—Dry, Gravity, Grit Arrestor
103	Inertial Collector—Dry, Gravity, Multi-Tray (Howard Settling Chamber)
100	Inertial Collector—Dry, Gravity
102	Inertial Collector—Dry, Gravity, Settling Chamber
112	Inertial Collector—Dry, Momentum, Venturi Baffle Chamber
115	Inertial Collector—Dry, Momentum, Impingement Collector
113	Inertial Collector—Dry, Momentum, Louvre-Type Collector
114	Inertial Collector—Dry, Momentum, Shutter-Type Collector
111	Inertial Collector—Dry, Momentum, Baffle Chamber
220	Inertial Collector—Wet, Centrifugal-Single Cyclone
250	Inertial Collector—Wet, Centrifugal—Dynamic Collector
251	Inertial Collector—Wet, Centrifugal—Dynamic Collector, Rotoclone
240	Inertial Collector—Wet, Centrifugal—Fixed, Scroll
230	Inertial Collector—Wet, Centrifugal—Multiple Cyclone
200	Inertial Collector—Wet, Gravity
204	Inertial Collector—Wet, Gravity, Grit Arrestor
203	Inertial Collector—Wet, Gravity, Multi-Tray (Howard Settling Chamber)
201	Inertial Collector—Wet, Gravity, Balloon Duct
202	Inertial Collector—Wet, Gravity, Settling Chamber
215	Inertial Collector—Wet, Momentum, Impingement Collector
213	Inertial Collector—Wet, Momentum, Louvre-Type Collector
210	Inertial Collector—Wet, Momentum
212	Inertial Collector—Wet, Momentum, Venturi Baffle Chamber
214	Inertial Collector—Wet, Momentum, Shutter-Type Collector
211	Inertial Collector—Wet, Momentum, Baffle Chamber
224	Inertial Collector—Wet, Reverse Flow—High Efficiency
800	Leak Detection And Repair Program

AB Code	Abatement Device
49	Liquid Filtration System
29	Low-Excess-Air Firing
35	Magnesium Oxide Scrubbing
902	Misc. Method Of Control, Closed Loop (SCS)
999	Misc. Method Of Control, Misc Unclassified
906	Misc. Method Of Control, Floating Roof
907	Misc. Method Of Control, Misc Water Sprays
903	Misc. Method Of Control, Odor Masking Agent
905	Misc. Method Of Control, Surface Filming Agent
901	Misc. Method Of Control, Tall Stack
904	Misc. Method Of Control, Temperature Control
900	Misc. Method Of Control
15	Mist Eliminator—Low Velocity
14	Mist Eliminator—High Velocity
24	Modified Furnace Or Burner Design
66	Molecular Sieve
98	Moving Bed Dry Scrubber
134	Multi Cyclone—Dry, Reverse Flow (>9 In.)
131	Multi Cyclone—Dry, Straight Flow—Fixed Impinger
132	Multi Cyclone—Dry, Straight Flow—Moving Impinger
133	Multi Cyclone—Dry, Reverse Flow (<9 In.)
233	Multi Cyclone—Wet, Reverse Flow (<9In.)
234	Multi Cyclone—Wet, Reverse Flow (>9In.)
232	Multi Cyclone—Wet, Straight Flow—Moving Impinger
231	Multi Cyclone—Wet, Straight Flow—Fixed Impinger
54	Process Enclosed
60	Process Gas Recovery
46	Process Change
275	Scrubber, Hot Water Hydro-jet
271	Scrubber, Jet Ejector Type
276	Scrubber, Paint Booth (Water Curtain)
273	Scrubber, Disintegrator
272	Scrubber, Self-Induced Spray
274	Scrubber, Steam Hydro-jet
263	Scrubber—High Energy Venturi, High Efficiency (>30 In.)
262	Scrubber—High Energy Venturi, Medium Efficiency (15-30 In.)
261	Scrubber—High Energy Venturi, Low Efficiency (<15 In.)
260	Scrubber—High Energy Venturi Cyclone
270	Scrubber—Misc. Types
646	Selector Process
221	Single Cyclone—Wet, Straight Flow—Fixed Impinger

AB Code	Abatement Device
124	Single Cyclone—Dry, Reverse Flow—High Efficiency
122	Single Cyclone—Dry, Straight Flow—Moving Impinger
121	Single Cyclone—Dry, Straight Flow—Fixed Impinger
223	Single Cyclone—Wet, Reverse Flow—Low Efficiency
222	Single Cyclone—Wet, Straight Flow—Moving Impinger
123	Single Cyclone—Dry, Reverse Flow—Low Efficiency
609	SO_2 Removal, Cat-Ox process (Monsanto)
608	SO_2 Removal, Citrate Process (Bureau of Mines)
602	SO_2 Removal, Cominco Absorption Process
601	SO_2 Removal, Contact Sulfuric Acid Process
603	SO_2 Removal, DMA Absorption Process
611	SO_2 Removal, Ammonia/Double Alkali
607	SO_2 Removal, Elemental Sulfur Reduction
610	SO_2 Removal, Kiyoura-Ito (Japan)
605	SO_2 Removal, Limestone Wet-Scrubbing
606	SO_2 Removal, Limestone Dry-Scrubbing
604	SO_2 Removal, Wellman-Lord Process
69	Sodium Carbonate Scrubbing
70	Sodium-Alkali Scrubbing
52	Spray Tower
25	Staged Combustion
28	Steam Or Water Injection
600	Sulfur Dioxide Removal
45	Sulfur Plant
650	Sulfur Recovery Plant
651	Sulfur Recovery Plant, Claus-1 Converter
652	Sulfur Recovery Plant, Claus-2 Converter
653	Sulfur Recovery Plant, Claus-3 Converter
43	Sulfuric Acid Plant—Contact Process
51	Tray-Type Gas Adsorption Column
30	Use Of Fuel With Low Nitrogen Content
412	Vapor Condenser, Contact
411	Vapor Condenser, Surface
670	Vapor Recovery
410	Vapor Condenser
47	Vapor Recovery System
53	Venturi Scrubber
3	Wet Scrubber—Low Efficiency
2	Wet Scrubber—Medium Efficiency
67	Wet Lime Slurry Scrubbing