

## **SUPPORTING INFORMATION**

### **Machine Learning Classification Model to Label Sources Derived from Factor Analysis Receptor Models for Source Apportionment**

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Table S1. Details of source assigned to SPECIATE profiles

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
3190	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3191	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3192	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3193	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3194	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3195	Gas Combustion	Combustion	Boiler	Natural Gas	Gas Combustion ; Utility	Industrial
3196	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3197	Paved Road	Dust	Road	Paved	Geological; Paved Road	Dust
3198	Highway Road Dust	Dust	Road	Paved	Geological; Tunnel	Dust
3199	Highway Road Dust	Dust	Road	Paved	Geological; Tunnel	Dust
3200	Highway Road Dust	Dust	Road	Paved	Geological; Highway	Dust
3201	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3202	Road Sanding	Dust	Road	Sand	Geological; Road Sanding	Dust
3203	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3204	Unpaved Road Dust	Dust	Road	Unpaved	Geological; Unpaved Road	Dust
3205	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3206	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle;	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					Dynamometer; Gasoline and Diesel	
3207	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3208	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3209	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3210	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3211	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3212	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3213	Gasoline Exhaust	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3214	Gasoline Exhaust	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic
3215	Gasoline Exhaust	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline and Diesel	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
3216	Gasoline Exhaust	Combustion	Mobile; Onroad	Leaded Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3217	Gasoline Exhaust	Combustion	Mobile; Onroad	Leaded Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3218	Gasoline Exhaust	Combustion	Mobile; Onroad	Leaded Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3219	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Dynamometer; Diesel	Traffic
3220	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Dynamometer; Diesel	Traffic
3221	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Dynamometer; Diesel	Traffic
3222	Gasoline Exhaust - Unleaded	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3223	Gasoline Exhaust - Unleaded	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3224	Gasoline Exhaust - Unleaded	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3225	Gasoline Exhaust - Unleaded	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3226	Gasoline	Combustion	Mobile;	Gasoline	Motor	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Exhaust - Unleaded		Onroad		Vehicle; Dynamometer; Leaded Gasoline	
3227	Gasoline Exhaust - Unleaded	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3228	Gasoline Exhaust - Unleaded	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3229	Gasoline Exhaust - Unleaded	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3230	Gasoline Exhaust - Unleaded	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Leaded Gasoline	Traffic
3231	Refinery	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Refinery; Catalytic Cracker	Industrial
3232	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Miscellaneous	Vegetative Burning; Fireplace	Biomass Burning
3233	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Miscellaneous	Vegetative Burning; Fireplace	Biomass Burning
3234	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Miscellaneous	Vegetative Burning; Fireplace	Biomass Burning
3235	Residential Wood Burning	Combustion	Biomass Burning; Residential	Miscellaneous	Vegetative Burning; Fireplace	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Wood Combustion; Fireplace			
3236	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	Vegetative Burning; Woodstove	Biomass Burning
3237	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	Vegetative Burning; Fireplace	Biomass Burning
3238	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	Vegetative Burning; Woodstove	Biomass Burning
3239	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	Vegetative Burning; Woodstove	Biomass Burning
3240	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	Vegetative Burning; Woodstove	Biomass Burning
3243	Agriculture Vegetative Burning	Combustion	Biomass Burning; Agriculture	Wheat; Barley	Vegetative Burning; Agriculture	Biomass Burning
3248	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Bakersfield Cordwood	Vegetative Burning; Fireplace	Biomass Burning
3253	Oil Combustion	Combustion	Boiler	Crude Oil	Oil Combustion ; Crude Oil	Industrial
3258	Agriculture Vegetative Burning	Combustion	Biomass Burning; Agriculture	Wheat	Vegetative Burning; Agriculture	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
3263	Freeway Road Dust	Dust	Road	Paved	Geological; Freeway Construction	Dust
3268	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
3273	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Bakersfield Cordwood	Vegetative Burning; Woodstove	Biomass Burning
3278	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Mammoth Lakes Cordwood	Vegetative Burning; Fireplace	Biomass Burning
3283	Tire Burning	Combustion	Electric Generation; Incinerator	Tire	Incinerator; Tire Burning	Biomass Burning
3288	Incinerator	Combustion	Waste	Miscellaneous	Incinerator	Biomass Burning
3293	Oil Combustion	Combustion	Boiler	Crude Oil	Oil Combustion ; Crude Oil	Industrial
3298	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3303	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3308	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3313	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3318	Sand and Gravel	Dust	Geological	Gravel/sand	Geological	Dust
3323	Unpaved Road Dust	Dust	Road	Unpaved	Geological; Unpaved Road	Dust
3328	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3333	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3338	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3343	Unpaved Road	Dust	Road	Unpaved	Geological;	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Dust				Unpaved Road	
3348	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3353	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3358	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3363	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3368	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3373	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3378	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3383	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3388	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3393	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3398	Desert Soil	Dust	Desert	Soil	Geological; Desert	Dust
3403	Desert Soil	Dust	Desert	Soil	Geological; Desert	Dust
3408	Desert Soil	Dust	Desert	Soil	Geological; Desert	Dust
3413	Desert Soil	Dust	Desert	Soil	Geological; Desert	Dust
3418	Volcanic Soil	Dust	Volcanic	Soil	Geological; Volcanic	Dust
3423	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3428	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3433	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3438	Unpaved Road	Dust	Road	Unpaved	Geological;	Dust



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Dust				Unpaved Road	
3443	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3448	Agriculture Vegetative Burning	Combustion	Biomass Burning; Agriculture	Wheat	Vegetative Burning; Agriculture	Biomass Burning
3453	Agriculture Vegetative Burning	Combustion	Biomass Burning; Agriculture	Wheat	Geological; Agriculture	Biomass Burning
3458	Dairy Soil	Dust	Agriculture	Soil	Geological; Dairy	Dust
3463	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
3488	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3491	Construction Dust	Dust	Construction	Soil	Geological; Construction	Dust
3494	Desert Soil	Dust	Desert	Soil	Geological; Desert	Dust
3497	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
3500	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3503	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3506	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3509	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3512	Desert Soil	Dust	Desert	Soil	Geological; Desert	Dust
3515	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3517	Gasoline Exhaust	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Gasoline	Traffic
3518	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle;	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					Diesel	
3519	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3520	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3521	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3522	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3523	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3524	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3525	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3526	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3527	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3528	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3532	Unpaved Road Dust	Dust	Road	Unpaved ; Industrial	Geological; Unpaved Road; Steel	Dust
3535	Unpaved Road Dust	Dust	Road	Unpaved	Geological; Unpaved Road	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
3538	Mill Soil	Dust	Industrial	Soil	Geological; Mill	Dust
3541	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3544	Roof Dust	Dust	Windblown	Miscellaneous	Geological; Roof	Dust
3547	Industrial Soil	Ash	Industrial	Steel	Geological; Steel	Industrial
3550	Local Soil	Dust	Geological	Soil	Geological	Dust
3553	Local Soil	Dust	Geological	Soil	Geological	Dust
3556	Local Soil	Dust	Geological	Soil	Geological	Dust
3559	Paved Road Dust	Dust	Road	Paved	Geological	Dust
3683	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3684	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3685	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3686	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3687	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3688	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3689	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3690	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3691	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3692	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3693	Coal	Combustion	Electric	Coal	Coal	Coal

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Combustion		Generation; Boiler		Combustion ; Utility	Combustion
3694	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3695	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3696	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3697	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3698	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3699	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3700	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3701	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
3702	Local Soil	Dust	Geological	Soil	Geological	Dust
3703	Local Soil	Dust	Geological	Soil	Geological	Dust
3704	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindu strial	Geological; Unpaved Road	Dust
3705	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3706	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3707	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3708	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3709	Local Soil	Dust	Geological	Soil	Geological	Dust
3710	Local Soil	Dust	Geological	Soil	Geological	Dust
3711	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindu strial	Geological; Unpaved Road	Dust
3712	Local Soil	Dust	Geological	Soil	Geological	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
3713	Paved Road Dust	Dust	Road	Paved	Geological	Dust
3714	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3715	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3716	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3717	Local Soil	Dust	Geological	Soil	Geological	Dust
3718	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3719	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3725	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3726	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3727	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3728	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3729	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3730	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3731	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3732	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
3733	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3734	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3735	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3736	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3737	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3738	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3739	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3740	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3741	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3742	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
3760	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion
3761	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
3762	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion
3763	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion
3764	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion
3765	Forest Fire	Combustion	Biomass Burning; Wildfire	Pinyon-juniper	Vegetative Burning; Forest Fire	Biomass Burning
3766	Forest Fire	Combustion	Biomass Burning; Wildfire	Pinyon-juniper	Vegetative Burning; Forest Fire	Biomass Burning
3767	Forest Fire	Combustion	Biomass Burning; Wildfire	Pinyon-juniper	Vegetative Burning; Forest Fire	Biomass Burning
3768	Forest Fire	Combustion	Biomass Burning; Wildfire	Pinyon-juniper	Vegetative Burning; Forest Fire	Biomass Burning
3769	Forest Fire	Combustion	Biomass Burning; Wildfire	Pinyon-juniper	Vegetative Burning; Forest Fire	Biomass Burning
3770	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Odgepole Pine; Spruce; Aaspen	Vegetative Burning; Fireplace	Biomass Burning
3866	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Lodgepole Pine	Vegetative Burning; Fireplace	Traffic
3867	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Lodgepole Pine; Spruce	Vegetative Burning; Woodstove	Traffic
3868	Residential	Combustion	Biomass	Lodgepole	Vegetative	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Wood Burning		Burning; Residential Wood Combustion; Fireplace; Woodstove	e Pine; Spruce	Burning	
3869	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3870	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3871	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3872	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3873	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3874	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3875	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3876	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3877	Gasoline Exhaust - Winter, non- smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3878	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamomet er; Gasoline	Traffic
3879	Gasoline Exhaust -	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle;	Traffic



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Winter, smoker				Dynamometer; Gasoline	
3880	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3881	Diesel Exhaust	Combustion	Mobile; Onroad; Heavy Duty	Diesel	Motor Vehicle; Dynamometer; Diesel	Traffic
3882	Diesel Exhaust	Combustion	Mobile; Onroad; Heavy Duty	Diesel	Motor Vehicle; Dynamometer; Diesel	Traffic
3883	Diesel Exhaust	Combustion	Mobile; Onroad; Heavy Duty	Diesel	Motor Vehicle; Dynamometer; Diesel	Traffic
3884	Gasoline Exhaust - Winter, low emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3885	Gasoline Exhaust - Winter, low emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3886	Gasoline Exhaust - Winter, low emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3887	Gasoline Exhaust - Winter, low emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3888	Gasoline Exhaust - Winter, low emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3889	Gasoline Exhaust - Winter, low emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3890	Gasoline Exhaust - Winter, low emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3891	Gasoline Exhaust -	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle;	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Winter, low emitter				Dynamometer; Gasoline	
3892	Gasoline Exhaust - Winter, high emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3893	Gasoline Exhaust - Winter, high emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3894	Gasoline Exhaust - Winter, high emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3895	Gasoline Exhaust - Winter, high emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3896	Gasoline Exhaust - Winter, high emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3897	Gasoline Exhaust - Winter, high emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3898	Gasoline Exhaust - Winter, high emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3899	Gasoline Exhaust - Winter, high emitter	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3900	Gasoline Exhaust - Winter, non-smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3901	Gasoline Exhaust - Winter, non-smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3902	Gasoline Exhaust - Winter, non-smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3903	Gasoline Exhaust -	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle;	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Winter, non-smoker				Dynamometer; Gasoline	
3904	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3905	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3906	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3907	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3908	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3909	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3910	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3911	Gasoline Exhaust - Winter, smoker	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3912	Diesel Exhaust	Combustion	Mobile; Onroad; Light Duty	Diesel	Motor Vehicle; Diesel	Traffic
3913	Diesel Exhaust	Combustion	Mobile; Onroad; Light Duty	Diesel	Motor Vehicle; Diesel	Traffic
3914	Diesel Exhaust	Combustion	Mobile; Onroad; Light Duty	Diesel	Motor Vehicle; Diesel	Traffic
3915	Diesel Exhaust	Combustion	Mobile; Onroad; Light Duty	Diesel	Motor Vehicle; Diesel	Traffic
3916	Diesel Exhaust	Combustion	Mobile;	Diesel	Motor	Traffic

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
			Onroad; Heavy Duty		Vehicle; Diesel	
3917	Diesel Exhaust	Combustion	Mobile; Onroad; Heavy Duty	Diesel	Motor Vehicle; Diesel	Traffic
3918	Cooking	Combustion	Cooking; Charbroiling	Chicken; Hamburg er	Cooking	Biomass Burning
3919	Cooking	Combustion	Cooking; Charbroiling	Hamburg er	Cooking; Hamburger	Biomass Burning
3920	Cooking	Combustion	Cooking; Charbroiling	Hamburg er	Cooking; Hamburger	Biomass Burning
3921	Cooking	Combustion	Cooking; Charbroiling	Chicken	Cooking; Chicken	Biomass Burning
3922	Cooking	Combustion	Cooking; Charbroiling	Steak	Cooking; Steak	Biomass Burning
3923	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Softwoo d	Vegetative Burning; Fireplace	Biomass Burning
3924	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Pine	Vegetative Burning; Fireplace	Biomass Burning
3925	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Softwoo d; Pine	Vegetative Burning; Fireplace	Biomass Burning
3926	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwoo d; Apple; Mesquite	Vegetative Burning; Fireplace	Biomass Burning
3927	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Bundled Wood From Superma rket	Vegetative Burning; Fireplace	Biomass Burning
3928	Residential Wood Burning	Combustion	Biomass Burning;	Hardwoo d	Vegetative Burning;	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Residential Wood Combustion; Fireplace		Fireplace	
3929	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood	Vegetative Burning; Fireplace	Biomass Burning
3930	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood	Vegetative Burning; Fireplace	Biomass Burning
3931	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Vegetative Burning; Fireplace	Biomass Burning
3932	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Vegetative Burning; Fireplace	Biomass Burning
3933	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Synthetic Wood	Vegetative Burning; Fireplace	Biomass Burning
3934	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Hardwood	Vegetative Burning; Fireplace	Biomass Burning
3935	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Hardwood	Vegetative Burning; Fireplace	Biomass Burning
3936	Residential Wood Burning	Combustion	Biomass Burning;	Hardwood	Vegetative Burning;	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Residential Wood Combustion; Woodstove		Fireplace	
3937	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Hardwood	Vegetative Burning; Fireplace	Biomass Burning
3938	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Hardwood	Vegetative Burning; Fireplace	Biomass Burning
3939	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Oak	Vegetative Burning; Fireplace	Biomass Burning
3940	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Oak	Vegetative Burning; Fireplace	Biomass Burning
3941	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3942	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3943	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3944	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3945	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3946	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3947	Gasoline Exhaust - Summer, low-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3948	Gasoline Exhaust - Summer, low-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
3949	Gasoline Exhaust - Summer, low-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3950	Gasoline Exhaust - Summer, low-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3951	Gasoline Exhaust - Summer, medium-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3952	Gasoline Exhaust - Summer, medium-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3953	Gasoline Exhaust - Summer, medium-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3954	Gasoline Exhaust - Summer, medium-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3955	Gasoline Exhaust - Summer, high-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3956	Gasoline Exhaust - Summer, high-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3957	Gasoline Exhaust - Summer, high-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3958	Gasoline Exhaust - Summer, high-emitter	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3959	Gasoline Exhaust - Summer, smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3960	Gasoline Exhaust - Summer, smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
3961	Gasoline Exhaust - Summer, smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3962	Gasoline Exhaust - Summer, smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Motor Vehicle; Dynamometer; Gasoline	Traffic
3963	Diesel Exhaust	Combustion	Mobile; Onroad; Light Duty	Diesel	Motor Vehicle; Diesel	Traffic
3965	Diesel Exhaust	Combustion	Mobile; Onroad; Light Duty	Diesel	Motor Vehicle; Diesel	Traffic
3967	Diesel Exhaust	Combustion	Mobile; Onroad; Light Duty	Diesel	Motor Vehicle; Diesel	Traffic
3969	Diesel Exhaust	Combustion	Mobile; Onroad; Light Duty	Diesel	Motor Vehicle; Diesel	Traffic
3971	Oil Refinery Deposition	Dust	Petrochemical	Catalyst	Geological; Oil Refinery	Industrial
3973	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
3975	Unpaved Road Dust	Dust	Road	Unpaved ; Industrial	Geological; Unpaved Road	Dust
3977	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3979	Local Soil	Dust	Geological	Soil	Geological	Dust
3981	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3985	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
3987	Industrial Dust	Dust	Waste Combustion	Miscellaneous	Geological; Refuse-Derived Fuel	Dust
3989	Salting Material	Dust	Road	Road Salt/sand	Geological; Salting	Dust
3991	Fly Ash	Ash	Waste Combustion	Miscellaneous	Geological; Fly Ash	Industrial
3993	Industrial Fly Ash	Ash	Electric Generation;	Coal	Fly Ash; Utility	Industrial



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Boiler			
3995	Industrial Soil	Dust	Industrial; Metal	Furnace Dust	Geological; Steel	Dust
3997	Industrial Soil	Ash	Industrial; Metal; Furnace; Sintering	Steel	Geological; Steel	Industrial
3999	Industrial Soil	Dust	Industrial	Soil	Geological; Steel	Dust
4001	Local Soil	Dust	Geological	Soil	Geological	Dust
4003	Industrial Soil	Dust	Industrial; Metal	Furnace Dust	Geological; Steel	Dust
4005	Lime Kiln	Combustion	Mineral Products; Kiln	Lime	Lime Kiln	Industrial
4007	Gasoline Exhaust - Leaded	Combustion	Mobile; Onroad	Leaded Gasoline	Motor Vehicle; Leaded Gasoline	Traffic
4009	Paper Waste Burning	Combustion	Waste Combustion	Paper	Paper Waste Burning	Industrial
4011	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion
4013	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion
4014	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion
4015	Residential Coal Combustion	Combustion	Residential Heating	Coal	Coal Combustion ; Residential	Coal Combustion
4016	Forest Fire	Combustion	Biomass Burning; Wildfire	Miscella neous	Vegetative Burning; Forest Fire	Biomass Burning
4017	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4018	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
4019	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4020	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4021	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4022	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4023	Cooking	Combustion	Cooking	Chicken	Cooking	Biomass Burning
4024	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4026	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4027	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4028	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4029	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4030	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4031	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4032	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline	Traffic

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					and Diesel	
4033	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4034	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4035	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4036	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4037	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4038	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4039	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4040	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4041	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4042	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4043	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4044	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle;	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					Gasoline and Diesel	
4045	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4046	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4047	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4048	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4049	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4050	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4051	Cooking	Combustion	Cooking	Charcoal ; Liquified Petroleum Gas (LPG)	Cooking; Chicken	Biomass Burning
4052	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4053	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4054	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4055	Cooking	Combustion	Cooking	Liquified Petroleum Gas (LPG);	Cooking	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
				Fried Pork		
4056	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4057	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4058	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4059	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4060	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4061	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4062	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4063	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4064	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4065	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4067	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4069	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4071	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4073	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4075	Unpaved Road	Dust	Road	Unpaved	Geological;	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	Dust				Unpaved Road	
4077	Agriculture Soil	Dust	Agriculture	Soil	Geological; Agriculture	Dust
4079	Farm Soil	Dust	Agriculture	Grain; Barley; Sorghum ; Soy And Bean Paste	Geological; Grain Storage	Dust
4081	Local Soil	Dust	Geological	Soil	Geological	Dust
4083	Marble	Dust	Mineral Products	Marble	Geological; Marble	Industrial
4085	Fly Ash	Ash	Mineral Products	Brick	Geological; Fly Ash	Dust
4087	Landfill Material	Dust	Landfill	Soil	Geological	Dust
4089	Asphalt	Volatilization	Mineral Products	Asphalt	Geological; Asphalt	Industrial
4091	Cement	Dust	Mineral Products	Cement	Geological; Cement	Dust
4093	Cement	Dust	Mineral Products	Cement; Gravel	Geological; Cement	Dust
4095	Volcanic Soil	Dust	Volcanic	Soil	Geological; volcanic	Dust
4097	Unpaved Park Dust	Dust	Road	Unpaved	Geological; Unpaved	Dust
4099	Unpaved Park Dust	Dust	Road	Unpaved	Geological; Unpaved	Dust
4101	Unpaved Park Dust	Dust	Road	Unpaved	Geological; Unpaved	Dust
4103	Unpaved Park Dust	Dust	Road	Unpaved	Geological	Dust
4105	Unpaved Park Dust	Dust	Road	Unpaved	Geological	Dust
4107	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4108	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4109	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4110	Road Dirt	Dust	Road	Soil	Geological	Dust
4111	Cooking	Combustion	Cooking	Liquified Petroleum Gas (LPG);	Cooking; Pork	Biomass Burning

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
				Fried Pork		
4202	Cooking	Combustion	Cooking	Liquified Petroleum Gas (LPG); Fried Pork	Cooking; Pork	Biomass Burning
4203	Cooking	Combustion	Cooking	Miscellaneous	Cooking	Biomass Burning
4204	Cooking	Combustion	Cooking	Liquified Petroleum Gas (LPG); Corn Tortilla	Cooking	Biomass Burning
4206	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline	Motor Vehicle; Gasoline	Traffic
4208	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Motor Vehicle; Diesel	Traffic
4210	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4212	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4214	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4216	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4218	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4220	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4222	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
4224	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
4226	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
4228	Local Soil	Dust	Geological	Soil	Geological	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
4230	Local Soil	Dust	Geological	Soil	Geological	Dust
4232	Local Soil	Dust	Geological	Soil	Geological	Dust
4234	Local Soil	Dust	Geological	Soil	Geological	Dust
4235	Local Soil	Dust	Geological	Soil	Geological	Dust
4236	Local Soil	Dust	Geological	Soil	Geological	Dust
4237	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4238	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4239	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4240	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4241	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4242	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4243	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4244	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4245	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4246	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4247	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle;	Traffic



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					Gasoline and Diesel	
4248	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4249	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4250	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4251	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4252	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4253	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4254	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4255	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4256	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4257	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4258	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4259	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle;	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					Gasoline and Diesel	
4260	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4261	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4262	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4263	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4264	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4265	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4266	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4267	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4268	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4269	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4270	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4271	Vegetative Burning	Combustion	Biomass Burning;	Mesquite	Vegetative Burning;	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Wildfire		Open Fire	
4272	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Mesquite	Vegetative Burning; Open Fire	Biomass Burning
4273	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Mesquite	Vegetative Burning; Open Fire	Biomass Burning
4274	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Mesquite	Vegetative Burning; Open Fire	Biomass Burning
4275	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Mesquite	Vegetative Burning; Open Fire	Biomass Burning
4276	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Tamarisk	Vegetative Burning; Open Fire	Biomass Burning
4277	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Tamarisk	Vegetative Burning; Open Fire	Biomass Burning
4278	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Tamarisk	Vegetative Burning; Open Fire	Biomass Burning
4279	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Huisache	Vegetative Burning; Open Fire	Biomass Burning
4280	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Huisache	Vegetative Burning; Open Fire	Biomass Burning
4281	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Huisache	Vegetative Burning; Open Fire	Biomass Burning
4282	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Pine Fenceposts Treated With Creosote	Vegetative Burning; Open Fire	Biomass Burning
4283	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Pine Fenceposts Treated With Creosote	Vegetative Burning; Open Fire	Biomass Burning
4284	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Pine Fenceposts Treated	Vegetative Burning; Open Fire	Biomass Burning

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
				With Creosote		
4285	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Pine Fenceposts Treated With Creosote	Vegetative Burning; Open Fire	Biomass Burning
4287	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Pine Fenceposts Treated With Creosote	Vegetative Burning; Open Fire	Biomass Burning
4288	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Grass	Vegetative Burning; Open Fire	Biomass Burning
4289	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Grass	Vegetative Burning; Open Fire	Biomass Burning
4290	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Grass	Vegetative Burning; Open Fire	Biomass Burning
4291	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Grass	Vegetative Burning; Open Fire	Biomass Burning
4292	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4293	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4294	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4295	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4296	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4297	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4298	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
4299	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4300	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4301	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4302	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4303	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4304	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4305	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4306	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4307	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4308	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4309	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4310	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4311	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4312	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4313	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4314	Coal Combustion	Combustion	Electric Generation;	Coal	Coal Combustion	Coal Combustion

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Boiler		; Utility	
4315	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4316	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4317	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4318	Fly Ash	Ash	Electric Generation; Boiler	Coal	Fly Ash; Utility	Industrial
4319	Fly Ash	Ash	Electric Generation; Boiler	Coal	Fly Ash; Utility	Industrial
4320	Fly Ash	Ash	Industrial; Boiler	Coal	Fly Ash; Utility	Industrial
4321	Oil Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracker; Oil	Industrial
4322	Oil Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracker; Oil	Industrial
4323	Oil Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracker; Oil	Industrial
4324	Oil Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracker; Oil	Industrial
4325	Oil Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracker; Oil	Industrial
4326	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4327	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4328	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4329	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4330	Cement Kiln	Combustion	Mineral Products;	Cement	Cement Kiln	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Kiln			
4331	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4332	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4333	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4334	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4335	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4336	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4337	Cooking	Combustion	Cooking; Charbroiling	Chicken	Cooking; Chicken	Biomass Burning
4338	Cooking	Combustion	Cooking; Charbroiling	Chicken	Cooking; Chicken	Biomass Burning
4339	Cooking	Combustion	Cooking; Charbroiling	Chicken	Cooking; Chicken	Biomass Burning
4340	Cooking	Combustion	Cooking; Charbroiling	Charcoal Fired; Chicken	Cooking; Chicken	Biomass Burning
4341	Cooking	Combustion	Cooking; Charbroiling	Charcoal Fired; Chicken	Cooking; Chicken	Biomass Burning
4342	Cooking	Combustion	Cooking; Charbroiling	Propane/lava Rock; Chicken	Cooking; Chicken	Biomass Burning
4343	Cooking	Combustion	Cooking; Charbroiling	Propane/lava Rock; Chicken	Cooking; Chicken	Biomass Burning
4344	Cooking	Combustion	Cooking; Charbroiling	Propane/lava Rock; Chicken	Cooking; Chicken	Biomass Burning
4345	Cooking	Combustion	Cooking; Charbroiling	Propane/lava Rock; Chicken	Cooking; Chicken	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
4347	Cooking	Combustion	Cooking; Charbroiling	Charcoal Fired; Hamburger	Cooking; Hamburger	Biomass Burning
4349	Cooking	Combustion	Cooking; Charbroiling	Charcoal Fired; Hamburger	Cooking; Hamburger	Biomass Burning
4351	Cooking	Combustion	Cooking; Stirfrying	Propane; Steak And Peppers	Cooking; Steak	Biomass Burning
4353	Paved Road Dust	Dust	Road	Paved	Geological; Paved Road	Dust
4354	Unpaved Road Dust	Dust	Road	Unpaved ; Nonindustrial	Geological; Unpaved Road	Dust
4355	Local Soil	Dust	Geological	Soil	Geological	Dust
4356	Local Soil	Dust	Geological	Soil	Geological	Dust
4357	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4358	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4359	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4360	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4361	Motor Vehicle Exhaust	Combustion	Mobile; Onroad	Gasoline; Diesel	Motor Vehicle; Gasoline and Diesel	Traffic
4362	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Pine Fenceposts Treated With Creosote	Vegetative Burning; Open Fire	Biomass Burning
4363	Vegetative	Combustion	Biomass	Pine	Vegetative	Biomass



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Burning		Burning; Wildfire	Fenceposts Treated With Creosote	Burning; Open Fire	Burning
4364	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Mesquite	Vegetative Burning; Open Fire	Biomass Burning
4365	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Mesquite	Vegetative Burning; Open Fire	Biomass Burning
4366	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Tamarisk	Vegetative Burning; Open Fire	Biomass Burning
4367	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Huisache	Vegetative Burning; Open Fire	Biomass Burning
4368	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Grass	Vegetative Burning; Open Fire	Biomass Burning
4369	Vegetative Burning	Combustion	Biomass Burning; Wildfire	Miscella neous	Vegetative Burning; Open Fire	Biomass Burning
4370	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4371	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4373	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4374	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4375	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4376	Coal Combustion	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
4377	Fly Ash	Ash	Electric Generation; Boiler	Coal	Fly Ash; Utility	Industrial
4378	Oil Catalytic Cracker	Chemical Reaction	Petrochemica l; Catalytic Cracker	Petroleu m Products	Catalytic Cracker; Oil	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
4379	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4380	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4381	Cement Kiln	Combustion	Mineral Products; Kiln	Cement	Cement Kiln	Industrial
4382	Cooking	Combustion	Cooking; Charbroiling	Mesquite Wood Fired; Chicken	Cooking; Chicken	Biomass Burning
4383	Cooking	Combustion	Cooking; Charbroiling	Charcoal Fired; Chicken	Cooking; Chicken	Biomass Burning
4384	Cooking	Combustion	Cooking; Charbroiling	Propane/ava Rock; Chicken	Cooking; Chicken	Biomass Burning
4385	Cooking	Combustion	Cooking; Charbroiling	Charcoal Fired; Hamburger	Cooking; Hamburger	Biomass Burning
4386	Cooking	Combustion	Cooking; Charbroiling; Stirfry; Smoke	Charcoal ; Propane; Chicken; Hamburger; Steak	Cooking; Hamburger	Biomass Burning
4387	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Vegetative Burning; Fireplace	Biomass Burning
4388	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Vegetative Burning; Fireplace	Biomass Burning
4389	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Almond	Vegetative Burning; Fireplace	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
4390	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Softwood; Pine	Vegetative Burning; Fireplace	Biomass Burning
4391	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood; Eucalyptus	Vegetative Burning; Fireplace	Biomass Burning
4392	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood; Cedar	Vegetative Burning; Fireplace	Biomass Burning
4393	Residential Vegetative Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Wheat Straw	Vegetative Burning; Fireplace	Biomass Burning
4394	Residential Vegetative Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Rice Straw	Vegetative Burning; Fireplace	Biomass Burning
4395	Residential Vegetative Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Rice Straw	Vegetative Burning; Fireplace	Biomass Burning
4396	Residential Wood Burning	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood; Cedar	Vegetative Burning; Fireplace	Biomass Burning
4397	Oil Refinery	Combustion	Petrochemical; Process Heater	Refinery Gas	Oil Refinery; Natural Gas	Industrial
4398	Oil Refinery	Combustion	Petrochemical; Process Heater	Refinery Gas	Oil Refinery; Natural Gas	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
4399	Oil Refinery	Combustion	Petrochemical; Process Heater	Refinery Gas	Oil Refinery; Natural Gas	Industrial
4400	Oil Refinery	Combustion	Petrochemical; Process Heater	Refinery Gas	Oil Refinery; Natural Gas	Industrial
4401	Oil Refinery	Combustion	Petrochemical; Process Heater	Refinery Gas	Oil Refinery; Natural Gas	Industrial
4402	Oil Refinery	Combustion	Turbine	Natural Gas	Oil Refinery	Industrial
4403	Oil Refinery	Combustion	Turbine	Natural Gas	Oil Refinery	Industrial
4404	Oil Refinery	Combustion	Turbine	Natural Gas	Oil Refinery	Industrial
4405	Oil Refinery	Combustion	Turbine	Natural Gas	Oil Refinery	Industrial
4406	Oil Refinery	Combustion	Turbine	Natural Gas	Oil Refinery	Industrial
4407	Oil Refinery	Combustion	Industrial; Boiler	Refinery Gas	Oil Refinery	Industrial
4408	Oil Refinery	Combustion	Industrial; Boiler	Refinery Gas	Oil Refinery	Industrial
4409	Oil Refinery	Combustion	Industrial; Boiler	Refinery Gas	Oil Refinery	Industrial
4410	Oil Refinery	Combustion	Industrial; Boiler	Refinery Gas	Oil Refinery	Industrial
4411	Oil Refinery	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Oil Refinery	Industrial
4412	Oil Refinery	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Oil Refinery	Industrial
4413	Oil Refinery	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Oil Refinery	Industrial
4414	Oil Refinery	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Oil Refinery	Industrial
4415	Oil Refinery	Combustion	Process Heater	Refinery Gas	Oil Refinery; Natural Gas	Industrial
4463	Oil Refinery	Combustion	Process Heater	Refinery Gas	Oil Refinery; Natural Gas	Industrial
4464	Oil Refinery	Combustion	Process Heater	Refinery Gas	Oil Refinery;	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					Natural Gas	
4465	Oil Refinery	Combustion	Process Heater	Refinery Gas	Oil Refinery; Natural Gas	Industrial
4466	Forest Fire	Combustion	Biomass Burning; Wildfire; Prescribed Fire	Loblolly Pine	Biomass open burning; Foliar fuels; Wild fires; Prescribed forest fires	Biomass Burning
4467	Forest Fire	Combustion	Biomass Burning; Wildfire; Prescribed Fire	Western Hemlock	Biomass open burning; Foliar fuels; Wild fires; Prescribed forest fires	Biomass Burning
4468	Forest Fire	Combustion	Biomass Burning; Wildfire; Prescribed Fire	Ponderosa Pine	Biomass open burning; Foliar fuels; Wild fires; Prescribed forest fires	Biomass Burning
4704	Forest Fire	Combustion	Biomass Burning; Wildfire; Prescribed Fire	Hardwood	Biomass open burning; Foliar fuels; Wild fires; Prescribed forest fires	Biomass Burning
4705	Forest Fire	Combustion	Biomass Burning; Wildfire; Prescribed Fire	Palmetto And Slash Pine	Biomass open burning; Foliar fuels; Wild fires; Prescribed forest fires	Biomass Burning
4733	Forest Fire	Combustion	Biomass Burning; Wildfire; Prescribed Fire	Wiregrasses And Longleaf Pine	Biomass open burning; Foliar fuels; Wild fires; Prescribed forest fires	Biomass Burning
4734	Wood-fired Industrial Boiler	Combustion	Industrial; Boiler	Wood	Wood-Fired Industrial	Biomass Burning

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	- NWWAS				Boiler	
4735	Wood-fired Industrial Boiler - sampled without denuder	Combustion	Industrial; Boiler	Wood	Wood-Fired Industrial Boiler	Biomass Burning
4736	External Combustion - Pulp and Paper Mills Kraft Process Recovery Boiler	Combustion	Pulp And Paper; Boiler	Kraft Pulp	External Combustion ; Pulp and Paper Mills; Kraft Process Recovery Boiler	Industrial
4737	External Combustion - Pulp and Paper Mills Kraft Process Recovery Boiler	Combustion	Pulp And Paper; Boiler	Kraft Pulp	External Combustion ; Pulp and Paper Mills; Kraft Process Recovery Boiler	Industrial
4746	External Combustion - Pulp and Paper Mills Kraft Process Recovery Boiler	Combustion	Pulp And Paper; Boiler	Kraft Pulp	External Combustion ; Pulp and Paper Mills; Kraft Process Recovery Boiler	Industrial
4747	Distillate Oil Combustion	Combustion	Industrial; Boiler	Distillate Oil	Distillate Oil Combustion	Industrial
4748	Residual Oil Combustion	Combustion	Boiler	Residual Oil	Residual Oil Combustion	Industrial
4749	Diesel Exhaust - Bus at -10 oC, 4-stroke, oxidation catalyst	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel Bus; 4-stroke; Oxidation catalyst	Traffic
4750	Diesel Exhaust - Bus at 20 oC, 4-stroke, oxidation catalyst	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel Bus; 4-stroke; Oxidation catalyst	Traffic
4751	Diesel Exhaust -	Combustion	Mobile;	Diesel	Diesel	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Bus at -10 oC, 2-stroke		Onroad		Exhaust; Diesel Bus; 2-stroke	
4840	Diesel Exhaust - Bus at 20 oC, 2-stroke	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel Bus; 2-stroke	Traffic
4841	Diesel Exhaust - Bus at -10 oC, 2-stroke, oxidation catalyst	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel Bus; 2-stroke; Oxidation catalyst	Traffic
4842	Diesel Exhaust - Bus at 20 oC, 2-stroke, oxidation catalyst	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel Bus; 2-stroke; Oxidation catalyst	Traffic
4843	Agricultural Burning - Rice Straw	Combustion	Biomass Burning; Agriculture	Rice Straw	Agricultural Burning; Rice Straw	Biomass Burning
4844	Agricultural Burning - Wheat Straw	Combustion	Biomass Burning; Agriculture	Wheat Straw	Agricultural Burning; Wheat Straw	Biomass Burning
4845	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4846	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4847	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4848	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4849	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust;	Traffic

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					Diesel PM; Heavy Duty Vehicle	
4850	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4851	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4852	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4853	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4854	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4855	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4856	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4857	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4858	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
4859	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4860	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4861	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4862	Diesel Exhaust - Transit Bus	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Transit Bus; Diesel PM; Heavy Duty Vehicle	Traffic
4863	Diesel Exhaust - Transit Bus	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Transit Bus; Diesel PM; Heavy Duty Vehicle	Traffic
4864	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4865	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4866	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4867	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4868	Diesel Exhaust	Combustion	Mobile;	Diesel	Diesel	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Onroad		Exhaust; Diesel PM; Heavy Duty Vehicle	
4869	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4870	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4871	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4872	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4873	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4874	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4875	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4876	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4877	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty	Traffic

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					Vehicle	
4878	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4879	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4880	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4881	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4882	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4883	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4884	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4885	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4886	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4887	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust;	Traffic

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					Diesel PM; Heavy Duty Vehicle	
4888	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4889	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4890	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4891	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4892	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4893	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4894	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4895	Diesel Exhaust - Transit Bus	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Transit Bus; Diesel PM; Heavy Duty Vehicle	Traffic
4896	Diesel Exhaust - Transit Bus	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Transit Bus; Diesel PM;	Traffic

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					Heavy Duty Vehicle	
4897	Diesel Exhaust	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel PM; Heavy Duty Vehicle	Traffic
4898	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4899	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4900	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4901	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4902	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4903	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4904	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4905	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4906	Light Duty	Combustion	Mobile;	Gasoline	Gasoline	Traffic

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	Vehicle Exhaust - Gasoline		Onroad; Light Duty		Vehicle Exhaust; Gasoline Vehicle PM	
4907	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4908	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4909	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4910	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4911	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4912	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4913	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4914	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4915	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline	Traffic

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					Vehicle PM	
4916	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4917	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4918	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4919	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4920	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4921	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4922	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4923	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4924	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4925	Light Duty Vehicle Exhaust	Combustion	Mobile; Onroad;	Gasoline	Gasoline Vehicle	Traffic

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	- Gasoline		Light Duty		Exhaust; Gasoline Vehicle PM	
4926	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4927	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4928	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4929	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4930	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4931	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4932	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4933	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4934	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic



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4935	Light Duty Vehicle Exhaust - Gasoline	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
4936	Light Duty Vehicle Exhaust - Gasoline; intermittent smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Intermittent Smoker	Traffic
4937	Light Duty Vehicle Exhaust - Gasoline; light smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Light Smoker	Traffic
4938	Light Duty Vehicle Exhaust - Gasoline; intermittent smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Intermittent Smoker	Traffic
4939	Light Duty Vehicle Exhaust - Gasoline; light smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Light Smoker	Traffic
4940	Light Duty Vehicle Exhaust - Gasoline; heavy smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Heavy Smoker	Traffic
4941	Light Duty Vehicle Exhaust - Gasoline; intermittent smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM;	Traffic

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					Intermittent Smoker	
4942	Light Duty Vehicle Exhaust - Gasoline; light smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Light Smoker	Traffic
4972	Light Duty Vehicle Exhaust - Gasoline; intermittent smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Intermittent Smoker	Traffic
4973	Light Duty Vehicle Exhaust - Gasoline; light smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Light Smoker	Traffic
4974	Light Duty Vehicle Exhaust - Gasoline; heavy smoker	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM; Heavy Smoker	Traffic
4975	Diesel Exhaust - Heavy-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB CRUISE	Traffic
4976	Diesel Exhaust - Heavy-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB CRUISE	Traffic
4977	Diesel Exhaust - Heavy-heavy duty truck -	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-	Traffic

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	CARB CRUISE				heavy duty truck; CARB CRUISE	
4978	Diesel Exhaust - Heavy-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB CRUISE	Traffic
4979	Diesel Exhaust - Heavy-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB CRUISE	Traffic
4980	Diesel Exhaust - Heavy-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB CRUISE	Traffic
4981	Diesel Exhaust - Heavy-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB CRUISE	Traffic
4982	Diesel Exhaust - Heavy-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB CRUISE	Traffic
4983	Diesel Exhaust - Heavy-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB CRUISE	Traffic
4984	Diesel Exhaust - Heavy-heavy	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust;	Traffic

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	duty truck - CARB CRUISE				Heavy- heavy duty truck; CARB CRUISE	
4985	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy- heavy duty truck; CARB IDLE	Traffic
4986	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy- heavy duty truck; CARB IDLE	Traffic
4987	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy- heavy duty truck; CARB IDLE	Traffic
4988	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy- heavy duty truck; CARB IDLE	Traffic
4989	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy- heavy duty truck; CARB IDLE	Traffic
4990	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy- heavy duty truck; CARB IDLE	Traffic
4991	Diesel Exhaust -	Combustion	Mobile;	Diesel	Diesel	Traffic

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	Heavy-heavy duty truck - CARB IDLE		Onroad		Exhaust; Heavy-heavy duty truck; CARB IDLE	
4992	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB IDLE	Traffic
4993	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB IDLE	Traffic
4994	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB IDLE	Traffic
4995	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB IDLE	Traffic
4996	Diesel Exhaust - Heavy-heavy duty truck - CARB IDLE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB IDLE	Traffic
4997	Diesel Exhaust - Medium-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Medium-heavy duty truck; CARB TRANSIEN	Traffic

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					T	
4998	Diesel Exhaust - Medium-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Medium-heavy duty truck; CARB TRANSIENT	Traffic
4999	Diesel Exhaust - Medium-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Medium-heavy duty truck; CARB CRUISE	Traffic
5000	Diesel Exhaust - Medium-heavy duty truck - CARB CRUISE	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Medium-heavy duty truck; CARB CRUISE	Traffic
5001	Diesel Exhaust - Heavy-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	Traffic
5002	Diesel Exhaust - Heavy-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	Traffic
5003	Diesel Exhaust - Heavy-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	Traffic
5004	Diesel Exhaust -	Combustion	Mobile;	Diesel	Diesel	Traffic

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	Heavy-heavy duty truck - CARB TRANSIENT		Onroad		Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	
5005	Diesel Exhaust - Heavy-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	Traffic
5006	Diesel Exhaust - Heavy-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	Traffic
5007	Diesel Exhaust - Heavy-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	Traffic
5566	Diesel Exhaust - Heavy-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	Traffic
5567	Diesel Exhaust - Heavy-heavy duty truck - CARB TRANSIENT	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	Traffic
5568	Diesel Exhaust -	Combustion	Mobile;	Diesel	Diesel	Traffic

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	Heavy-heavy duty truck - CARB TRANSIENT		Onroad		Exhaust; Heavy-heavy duty truck; CARB TRANSIENT	
5569	Light Duty Vehicle Exhaust - Gasoline - Test ID: S1-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5570	Light Duty Vehicle Exhaust - Gasoline - Test ID: S1-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5571	Light Duty Vehicle Exhaust - Gasoline - Test ID: S2-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5572	Light Duty Vehicle Exhaust - Gasoline - Test ID: S2-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5573	Light Duty Vehicle Exhaust - Gasoline - Test ID: S2-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5574	Light Duty Vehicle Exhaust - Gasoline - Test ID: S2-4	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5575	Light Duty Vehicle Exhaust - Gasoline - Test ID: S3-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5576	Light Duty Vehicle Exhaust - Gasoline - Test ID: S3-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5577	Light Duty	Combustion	Mobile;	Gasoline	Gasoline	Traffic



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	Vehicle Exhaust - Gasoline - Test ID: S4-1		Onroad; Light Duty		Vehicle Exhaust; Gasoline Vehicle PM	
5578	Light Duty Vehicle Exhaust - Gasoline - Test ID: S4-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5579	Light Duty Vehicle Exhaust - Gasoline - Test ID: S5-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5580	Light Duty Vehicle Exhaust - Gasoline - Test ID: S5-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5581	Light Duty Vehicle Exhaust - Gasoline - Test ID: S5-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5582	Light Duty Vehicle Exhaust - Gasoline - Test ID: S5-4	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5583	Light Duty Vehicle Exhaust - Gasoline - Test ID: S5-5	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5584	Light Duty Vehicle Exhaust - Gasoline - Test ID: S6-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5585	Light Duty Vehicle Exhaust - Gasoline - Test ID: S6-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5586	Light Duty Vehicle Exhaust - Gasoline - Test ID: S6-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline	Traffic

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					Vehicle PM	
5587	Light Duty Vehicle Exhaust - Gasoline - Test ID: S6-4	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5588	Light Duty Vehicle Exhaust - Gasoline - Test ID: S7-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5589	Light Duty Vehicle Exhaust - Gasoline - Test ID: S7-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5590	Light Duty Vehicle Exhaust - Gasoline - Test ID: S7-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5591	Light Duty Vehicle Exhaust - Gasoline - Test ID: S7-4	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5592	Light Duty Vehicle Exhaust - Gasoline - Test ID: S8-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5593	Light Duty Vehicle Exhaust - Gasoline - Test ID: S8-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5594	Light Duty Vehicle Exhaust - Gasoline - Test ID: S8-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5595	Light Duty Vehicle Exhaust - Gasoline - Test ID: W1-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5596	Light Duty Vehicle Exhaust	Combustion	Mobile; Onroad;	Gasoline	Gasoline Vehicle	Traffic

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	- Gasoline - Test ID: W1-2		Light Duty		Exhaust; Gasoline Vehicle PM	
5597	Light Duty Vehicle Exhaust - Gasoline - Test ID: W1-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5598	Light Duty Vehicle Exhaust - Gasoline - Test ID: W2-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5599	Light Duty Vehicle Exhaust - Gasoline - Test ID: W2-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5600	Light Duty Vehicle Exhaust - Gasoline - Test ID: W2-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5601	Light Duty Vehicle Exhaust - Gasoline - Test ID: W3-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5602	Light Duty Vehicle Exhaust - Gasoline - Test ID: W3-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5603	Light Duty Vehicle Exhaust - Gasoline - Test ID: W3-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5604	Light Duty Vehicle Exhaust - Gasoline - Test ID: W4-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5605	Light Duty Vehicle Exhaust - Gasoline - Test ID: W4-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic

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5606	Light Duty Vehicle Exhaust - Gasoline - Test ID: W4-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5607	Light Duty Vehicle Exhaust - Gasoline - Test ID: W5-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5608	Light Duty Vehicle Exhaust - Gasoline - Test ID: W5-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5609	Light Duty Vehicle Exhaust - Gasoline - Test ID: W5-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5610	Light Duty Vehicle Exhaust - Gasoline - Test ID: W6-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5611	Light Duty Vehicle Exhaust - Gasoline - Test ID: W6-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5612	Light Duty Vehicle Exhaust - Gasoline - Test ID: W6-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5613	Light Duty Vehicle Exhaust - Gasoline - Test ID: W6-4	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5614	Light Duty Vehicle Exhaust - Gasoline - Test ID: W7-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5615	Light Duty Vehicle Exhaust - Gasoline - Test	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust;	Traffic

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	ID: W7-2				Gasoline Vehicle PM	
5616	Light Duty Vehicle Exhaust - Gasoline - Test ID: W7-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5617	Light Duty Vehicle Exhaust - Gasoline - Test ID: W7-4	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5644	Light Duty Vehicle Exhaust - Gasoline - Test ID: W8-1	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5646	Light Duty Vehicle Exhaust - Gasoline - Test ID: W8-2	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5648	Light Duty Vehicle Exhaust - Gasoline - Test ID: W8-3	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicle Exhaust; Gasoline Vehicle PM	Traffic
5670	Residual Oil-Fired Power Plant	Combustion	Electric Generation; Boiler	Residual Oil	Residual Oil Boiler Combustion ; Power Plant	Industrial
5671	Kraft Process Recovery Boiler	Combustion	Pulp And Paper; Boiler	Kraft Pulp	Recovery Boiler; Pulp and paper facility	Industrial
5672	Gas-Fired Boilers	Combustion	Boiler	Natural Gas; Refinery Process Gas	Gas-Fired Boilers; Natural gas; Refinery process gas	Industrial
5673	Gas-Fired Process Heaters	Combustion	Process Heater	Natural Gas; Refinery Process Gas	Gas-Fired Process Heaters; Natural gas; Refinery process gas	Industrial
5674	Gas-Fired	Combustion	Turbine	Natural	Gas-Fired	Industrial

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	Combined Cycle and Cogeneration Plants			Gas; Refinery Process Gas	Combined Cycle and Cogeneration Plants; Natural gas; Refinery process gas	
5675	Oil-Fired Boilers	Combustion	Boiler	Residual Oil	Oil-Fired Boilers; No.6 oil	Industrial
5676	Diesel Engines	Combustion	Stationary Engine	Diesel	Diesel Engines	Traffic
8821	Diesel Exhaust - Heavy-heavy duty truck - 2007 model year	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; 2007 model year; Ultra-low sulfur diesel	Traffic
8822	Diesel Exhaust - Heavy-heavy duty truck - 2007 model year	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Heavy-heavy duty truck; 2007 model year; Ultra-low sulfur diesel	Traffic
8823	Marine Vessel - Main Propulsion Engine - Heavy Fuel Oil	Combustion	Mobile; Marine	Heavy Fuel Oil	Marine Vessel; Main Engine; Heavy Fuel Oil	Traffic
8824	Pulp and Paper Mills - Kraft DCE Recovery Furnaces	Combustion	Pulp And Paper; Furnace	Kraft Pulp	Pulp and Paper Mills; Kraft DCE Recovery Furnaces	Industrial
8825	Pulp and Paper Mills - Kraft NDCE Recovery Furnaces	Combustion	Pulp And Paper; Furnace	Kraft Pulp	Pulp and Paper Mills; Kraft NDCE Recovery Furnaces	Industrial
8826	Pulp and Paper Mills - Sulfite Recovery	Combustion	Pulp And Paper; Furnace	Sulfite	Pulp and Paper Mills; Sulfite	Industrial

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	Furnaces				Recovery Furnaces	
8873	Pulp and Paper Mills - Kraft Lime Kilns with ESPs	Combustion	Pulp And Paper; Kiln	Lime	Pulp and Paper Mills; Kraft Lime Kilns with ESPs	Industrial
8874	Pulp and Paper Mills - Kraft Lime Kilns with Wet Scrubbers	Combustion	Pulp And Paper; Kiln	Lime	Pulp and Paper Mills; Kraft Lime Kilns with Wet Scrubbers	Industrial
8875	Pulp and Paper Mills - Kraft Smelt Dissolving Tanks	Volatilization	Pulp And Paper	Kraft Pulp	Pulp and Paper Mills; Kraft Smelt Dissolving Tanks	Industrial
8901	Outdoor Wood-fired Boiler - Red Oak	Combustion	Biomass Burning; Residential Wood Combustion; Outdoor Boiler	Oak	Outdoor Wood-fired Boiler; Red Oak	Biomass Burning
8902	Outdoor Wood-fired Boiler - Pine	Combustion	Biomass Burning; Residential Wood Combustion; Outdoor Boiler	Pine	Outdoor Wood-fired Boiler; Pine	Biomass Burning
8928	Outdoor Wood-fired Boiler - Red Oak with Supplementary Refuse	Combustion	Biomass Burning; Residential Wood Combustion; Outdoor Boiler	Oak; Refuse	Outdoor Wood-fired Boiler; Red Oak with Supplementary Refuse	Biomass Burning
8929	Outdoor Wood-fired Boiler - Red Oak	Combustion	Biomass Burning; Residential Wood Combustion; Outdoor Boiler	Oak	Outdoor Wood-fired Boiler; Red Oak	Biomass Burning
8930	Outdoor Wood-fired Boiler -	Combustion	Biomass Burning;	Pellets	Outdoor Wood-fired	Biomass Burning

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	Hardwood Pellets from Sawdust		Residential Wood Combustion; Outdoor Boiler		Boiler; Hardwood Pellets from Sawdust	
8931	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1)	Combustion	Mobile; Onroad	Gasoline	SVOC; Gasoline Exhaust; LA92 UDC cycle; cold start (phase 1)	Traffic
8932	Gasoline Exhaust SVOC - LA92 UDC cycle hot stabilized running (Phase 2)	Combustion	Mobile; Onroad	Gasoline	SVOC; Gasoline Exhaust; LA92 UDC cycle; hot stabilized running (Phase 2)	Traffic
8939	Gasoline Exhaust SVOC - LA92 UDC cycle warm start (phase 3)	Combustion	Mobile; Onroad	Gasoline	SVOC; Gasoline Exhaust; LA92 UDC cycle; warm start (phase 3)	Traffic
8941	Gasoline Exhaust SVOC - LA92 UDC cycle, summer condition	Combustion	Mobile; Onroad	Gasoline	SVOC; Gasoline Exhaust; LA92 UDC cycle; summer condition	Traffic
8943	Gasoline Exhaust SVOC - LA92 UDC cycle, winter condition	Combustion	Mobile; Onroad	Gasoline	SVOC; Gasoline Exhaust; LA92 UDC cycle; winter condition	Traffic
8992	Coal Combustion - Fly Ash - Subbituminous Coal - Fine	Ash	Furnace	Coal	Coal Combustion ; Fly Ash; Subbituminous Coal	Coal Combustion
8993	Coal Combustion -	Ash	Furnace	Coal	Coal Combustion	Coal Combustion



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	Fly Ash - Bituminous Coal - Fine				; Fly Ash; Bituminous Coal	
8994	Agricultural Burning - Rice Straw - Thailand	Combustion	Biomass Burning; Agriculture	Rice Straw	Agricultural Burning; Rice Straw	Biomass Burning
8995	Light-duty Gasoline Vehicles Exhaust - Start	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicles Exhaust; Start	Traffic
8996	Light-duty Gasoline Vehicles Exhaust - Hot Stabilized Running	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicles Exhaust; Hot Stabilized Running	Traffic
11201	Conventional Diesel Exhaust - Idle Cycle	Combustion	Mobile	Diesel	Conventional Diesel Exhaust; Idle	Traffic
11202	Conventional Diesel Exhaust - Transient Cycle	Combustion	Mobile	Diesel	Conventional Diesel Exhaust; Hot Stabilized Running	Traffic
11203	Diesel Exhaust - Heavy-heavy duty truck - 2007 model year with NCOM	Combustion	Mobile; Onroad	Diesel	2007 to 2009 Heavy-Duty Diesel Exhaust	Traffic
11204	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Coal Combustion
11205	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Coal Combustion

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					ON	
11206	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Coal Combustion
11207	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Coal Combustion
11208	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Coal Combustion
11209	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Coal Combustion
11210	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Coal Combustion
11211	Coal-Fired Power Plant	Combustion	Electric Generation;	Coal	COAL COMBUST	Coal Combustion

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			Boiler		ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	
11212	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUST ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	Coal Combustion
11213	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUST ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	Coal Combustion
11214	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUST ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	Coal Combustion
11215	Coal-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal	COAL COMBUST ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	Coal Combustion
11301	External Combustion - Coal-Fired Composite	Combustion	Boiler	Coal	COAL COMBUST ION	Coal Combustion
11501	Uncontrolled	Combustion	Electric	Coal	COAL	Coal

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	Coal-Fired Power Plant Composite		Generation; Boiler		COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Combustion
11502	Coal-Fired Power Plant/esp Composite	Combustion	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Coal Combustion
11503	Coal- And Refuse Derived Fuel (RDF)-Fired Power Plant	Combustion	Electric Generation; Boiler	Coal; Waste	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION; RDF COMBUSTION	Coal Combustion
11504	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Industrial
11505	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Industrial
11506	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUSTION	Industrial

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					ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	
11507	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUST ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	Industrial
11508	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUST ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	Industrial
11509	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUST ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	Industrial
11510	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUST ION; UTILITY; POWER PLANT; ELECTRIC GENERATI ON	Industrial
11801	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUST ION; UTILITY; POWER	Industrial

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					PLANT; ELECTRIC GENERATION	
12201	Oil-Fired Power Plant	Combustion	Boiler	Oil	OIL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Industrial
12301	Oil-Fired Power Plant Composite	Combustion	Boiler	Oil	OIL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION	Industrial
12704	Wood-Fired Boiler	Combustion	Boiler	Wood	BOILER; WOOD COMBUSTION	Biomass Burning
12705	External Combustion Boiler - Coal-Slurry Fired	Combustion	Boiler	Coal	BOILER; COAL- SLURRY COMBUSTION	Coal Combustion
12707	Wood-Fired Boiler	Combustion	Boiler	Wood	BOILER; WOOD COMBUSTION	Biomass Burning
12708	External Combustion - Wood-Fired Boiler Composite	Combustion	Boiler	Wood	BOILER; WOOD COMBUSTION	Biomass Burning
12709	Hogged Fuel Boiler / Plywood Manufacturing	Combustion	Boiler	Hogged Fuel	BOILER; HOGGED FUEL COMBUSTION; PLYWOOD MANUFACTURING;	Industrial

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					INDUSTRIAL	
12710	Hogged Fuel Boiler / Dutch Oven	Combustion	Boiler	Hogged Fuel	BOILER; HOGGED FUEL COMBUSTION; DUTCH OVEN; INDUSTRIAL	Industrial
13501	Hogged Fuel Boiler / Plywood Manufacturing	Combustion	Boiler	Hogged Fuel	BOILER; HOGGED FUEL COMBUSTION; PLYWOOD MANUFACTURING; INDUSTRIAL	Industrial
13502	Hogged Fuel Boiler / Stoker Boiler	Combustion	Boiler	Hogged Fuel	BOILER; HOGGED FUEL COMBUSTION; STOKER BOILER; INDUSTRIAL	Industrial
13503	Boiler - #2 Fuel Oil Fired	Combustion	Boiler	Distillate Oil	BOILER; FUEL OIL COMBUSTION	Industrial
13504	Residual Oil Combustion	Combustion	Boiler	Residual Oil	BOILER; RESIDUAL OIL COMBUSTION	Industrial
13505	External Combustion - Heavy Oil-Fired Boiler Composite	Combustion	Boiler	Heavy Fuel Oil	BOILER; HEAVY OIL COMBUSTION	Industrial
14101	External Combustion - Indonesian Oil-Fired Boiler	Combustion	Boiler	Oil	BOILER; OIL COMBUSTION	Industrial

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	Composite					
14102	Oil-Fired Boiler	Combustion	Boiler	Oil	BOILER; OIL COMBUST ION	Industrial
15101	Residual Oil-Fired Boiler / Petroleum Refinery	Combustion	Refinery; Boiler	Residual Oil	BOILER; RESIDUAL OIL COMBUST ION; REFINERY ; INDUSTRI AL	Industrial
16000	External Combustion - Waste Oil-Fired Boiler	Combustion	Boiler	Waste Oil	BOILER; WASTE OIL COMBUST ION	Industrial
16001	External Combustion - Liquid Waste-Fired Boiler	Combustion	Boiler	Liquid Waste	BOILER; LIQUID WASTE COMBUST ION	Industrial
17105	External Combustion - Solid Waste-Fired Boiler	Combustion	Boiler	Solid Waste	BOILER; SOLID WASTE COMBUST ION	Industrial
17106	Meat Cooking - Charbroiling	Combustion	Cooking; Charbroiling	Hamburg er	MEAT COOKING; CHARBRO ILING	Biomass Burning
17107	Meat Cooking - Frying	Combustion	Cooking; Frying	Meat	MEAT COOKING; FRYING	Biomass Burning
17108	Municipal Incinerator (Philadelphia)	Combustion	Incinerator	Municipa l Waste	INCINERA TOR; MUNICIPA L WASTE INCINERA TION	Industrial
17120	Municipal Incinerator (East Chicago, IN)	Combustion	Incinerator	Municipa l Waste	INCINERA TOR; MUNICIPA L WASTE INCINERA TION	Industrial



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
17121	Municipal Incinerator (Philadelphia)	Combustion	Incinerator	Municipal Waste	INCINERATOR; MUNICIPAL WASTE INCINERATION	Industrial
17122	Car Shredder	Dust	Industrial; Shredding	Autobody	CAR SHREDDER; INDUSTRIAL	Industrial
17123	Sewage Sludge Incineration - Composite	Combustion	Waste Combustion	Sewage Sludge	INCINERATOR; SEWAGE SLUDGE INCINERATION	Industrial
17124	Sewage Sludge Incineration	Combustion	Waste Combustion	Sewage Sludge	INCINERATOR; SEWAGE SLUDGE INCINERATION	Industrial
18000	Sewage Sludge Incineration	Combustion	Waste Combustion	Sewage Sludge	INCINERATOR; SEWAGE SLUDGE INCINERATION	Industrial
20103	Scrap Copper Incinerator	Combustion	Incinerator	Scrap Copper	COPPER; INCINERATOR; SCRAP COPPER INCINERATION; INDUSTRIAL	Industrial
20401	Aluminum Foundry-Reverboratory Furnace	Combustion	Industrial; Metal; Furnace	Aluminum	ALUMINUM FOUNDRY ; FOUNDRY ; ALUMINUM; REVERBORATORY	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					FURNACE; FURNACE; INDUSTRIAL	
20402	Secondary Aluminum Plant - Dross Recovery Furnace	Combustion	Secondary Aluminum Furnace	Aluminum	ALUMINUM; FURNACE; DROSS RECOVERY FURNACE; SECONDARY ALUMINUM; INDUSTRIAL	Industrial
20403	Secondary Aluminum - Dross Recovery Furnace	Combustion	Secondary Aluminum Furnace	Aluminum	ALUMINUM; FURNACE; DROSS RECOVERY FURNACE; SECONDARY ALUMINUM; INDUSTRIAL	Industrial
20404	Secondary Lead Smelter - Blast Furnace	Combustion	Industrial; Metal; Smelter; Furnace	Lead	BLAST FURNACE; FURNACE; LEAD; SECONDARY LEAD; SMELTER; SECONDARY LEAD SMELTER; INDUSTRIAL	Industrial
20405	Secondary Lead - Sanitary Baghouse	Ash	Industrial; Metal	Lead	LEAD; SECONDARY LEAD; INDUSTRIAL	Industrial
20406	Secondary Lead	Combustion	Furnace	Lead	LEAD;	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	- Reverberatory Furnace				SECONDARY LEAD; INDUSTRIAL; FURNACE; REVERBERATORY FURNACE	
20501	Secondary Lead - Melting Pot Fugitives	Combustion	Melting Pot	Lead	LEAD; SECONDARY LEAD; MELTING POT; INDUSTRIAL	Industrial
20502	Secondary Lead - Melting Pot Stack	Combustion	Melting Pot	Lead	LEAD; SECONDARY LEAD; MELTING POT; INDUSTRIAL	Industrial
20503	Secondary Lead - Yard Dust	Dust	Industrial	Lead	LEAD; SECONDARY LEAD; YARD DUST; INDUSTRIAL	Industrial
21101	Zinc Oxide Kiln	Combustion	Industrial; Metal; Kiln	Zinc	KILN; ZINC OXIDE; INDUSTRIAL	Industrial
21102	Antimony Oxide Plant - Antimony Roasting	Combustion	Industrial	Antimony	ANTIMONY OXIDE; ANTIMONY ROASTING; INDUSTRIAL	Industrial
21103	Antimony Oxide Plant - Antimony Roasting	Combustion	Industrial	Antimony	ANTIMONY OXIDE; ANTIMONY ROASTING;	Industrial

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					INDUSTRIAL	
21150	Limestone Dust	Dust	Mineral Products	Limestone	LIMESTONE	Dust
21203	Primary Lead Smelting - Ore Concentrate	Combustion	Smelting	Lead	LEAD ORE CONCENTRATE; LEAD; PRIMARY LEAD; PRIMARY LEAD SMELTING; SMELTER; INDUSTRIAL	Industrial
21204	Primary Lead Smelting - Ore Concentrate Composite	Combustion	Smelting	Lead	LEAD ORE CONCENTRATE; LEAD; PRIMARY LEAD; PRIMARY LEAD SMELTING; SMELTER; INDUSTRIAL	Industrial
21205	Primary Lead Smelting Materials Handling - Composite	Combustion	Smelting	Lead	LEAD ORE CONCENTRATE; LEAD; PRIMARY LEAD; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
21206	Coke Dust	Dust	Industrial; Metal	Coke	COKE; COKE DUST; INDUSTRIAL	Dust
21301	Coal Dust	Dust	Industrial;	Coal	COAL	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
			Metal		DUST; INDUSTRIAL	
21302	Primary Lead Smelting - Speiss Fugitive Dust	Dust	Industrial	Lead	SMELTER; PRIMARY LEAD; PRIMARY LEAD SMELTING; INDUSTRIAL	Dust
21303	Primary Lead Smelting - Soda Flux Fugitive Dust	Dust	Industrial	Lead	PRIMARY LEAD; LEAD; SODA FLUX; PRIMARY LEAD SMELTING; SMELTER; INDUSTRIAL	Dust
21304	Copper Ore Crushing	Dust	Industrial	Copper	COPPER; COPPER ORE CRUSHING; COPPER ORE; INDUSTRIAL	Dust
21320	Copper Ore Mill Wastepile	Dust	Industrial	Copper	COPPER; COPPER ORE MILL; INDUSTRIAL	Dust
21340	Copper Ore Concentrate	Dust	Industrial; Metal	Copper	COPPER; COPPER ORE; INDUSTRIAL	Dust
21401	Copper Mining Waste	Dust	Industrial; Mining	Copper	COPPER; MINING; COPPER MINING; COPPER	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					MINING WASTE; INDUSTRIAL	
21501	Copper Ore - Composite	Dust	Industrial; Metal	Copper	COPPER; COPPER ORE; INDUSTRIAL	Dust
22101	Composite Of Copper Ore Concentrate And Mining Waste	Dust	Industrial; Mining	Copper	COPPER; MINING; COPPER MINING; COPPER MINING WASTE; INDUSTRIAL; COPPER ORE	Dust
22102	Feed And Grain Handling Dust	Dust	Industrial	Lead	INDUSTRIAL; FEED; MINING	Dust
22103	Primary Lead Smelting - Slag Dust	Ash	Industrial	Lead	LEAD; PRIMARY LEAD; SLAG DUST; SMELTER; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
22201	Particle Board Dryer	Dust	Industrial	Wood; Particle Board	DRYER; PARTICLE BOARD; WOOD; PARTICLE BOARD DRYER; INDUSTRIAL	Dust
22202	Particle Board Dryer	Dust	Industrial	Wood; Particle Board	DRYER; PARTICLE BOARD; WOOD;	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					PARTICLE BOARD DRYER; INDUSTRIAL	
22203	Particleboard Dryer / Direct - Fired	Dust	Industrial	Wood; Particle Board	DRYER; WOOD COMBUSTION; PARTICLE BOARD DRYER; INDUSTRIAL	Dust
22301	Wood Products - Sander dust	Dust	Industrial; Wood Products	Wood	WOOD; SANDERDUST; INDUSTRIAL	Dust
22302	Sawdust	Dust	Industrial	Wood	SAWDUST; WOOD; INDUSTRIAL	Dust
22303	Wood Sander Dust	Dust	Industrial	Wood	SANDER; WOOD; INDUSTRIAL	Dust
23103	Veneer Dryer	Combustion	Industrial	Wood; Veneer	DRYER; VENEER DRYER; INDUSTRIAL	Biomass Burning
23104	Veneer Dryer / Steam - Heated	Combustion	Industrial	Wood; Veneer	DRYER; VENEER DRYER; INDUSTRIAL	Biomass Burning
23202	Veneer Dryer / Wood - Fired	Combustion	Industrial	Wood; Veneer	DRYER; VENEER DRYER; INDUSTRIAL; WOOD COMBUSTION; SANDER	Industrial
24101	Kraft Recovery Furnace	Combustion	Pulp And Paper; Furnace	Kraft Pulp	FURNACE; KRAFT RECOVER	Industrial

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					Y FURNACE; INDUSTRI AL	
25201	Kraft Recovery Furnace	Combustion	Pulp And Paper; Furnace	Kraft Pulp	FURNACE; KRAFT RECOVER Y FURNACE; INDUSTRI AL	Industrial
25302	Lime Kiln	Combustion	Mineral Products; Kiln	Lime	KILN; LIME; LIME KILN; INDUSTRI AL	Industrial
25401	Sulfite Recovery Boiler	Combustion	Pulp And Paper; Boiler	Sulfite	BOILER; SULFITE; SULFITE RECOVER Y BOILER; INDUSTRI AL	Industrial
25402	Calcium Carbide Furnace	Combustion	Mineral Products; Furnace	Calcium Carbide	CALCIUM CARBIDE; CALCIUM CARBIDE FURNACE; FURNACE; INDUSTRI AL	Industrial
25403	Charcoal Manufacturing	Combustion	Mineral Products; Furnace	Charcoal	CHARCOA L; CHARCOA L MANUFA CTURING; INDUSTRI AL	Industrial
25404	Silica Manufacturing	Dust	Chemical Manufacturin g	Silica	SILICA; SILICA MANUFA CTURING; INDUSTRI AL	Dust
25405	Asphalt Roofing Manufacturing	Volatilization	Chemical Manufacturin	Asphalt Roofing	ASPHALT; ASPHALT	Industrial



Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
			g		ROOFING; ASPHALT ROOFING MANUFACTURING; INDUSTRIAL	
25406	Paint Spray Booth	Atomization	Surface Coating; Spraying	Paint	PAINT; SPRAY BOOTH; SURFACE COATING; INDUSTRIAL	Industrial
25407	Urea Fertilizer Production	Dust	Chemical Manufacturing	Urea Fertilizer	FERTILIZER; FERTILIZER PRODUCTION; UREA; UREA FERTILIZER PRODUCTION; UREA FERTILIZER; INDUSTRIAL	Dust
25408	Boric Acid Manufacturing	Volatilization	Chemical Manufacturing	Boric Acid	BORIC ACID; BORIC ACID MANUFACTURING; INDUSTRIAL	Industrial
25409	Carborundum Manufacturing	Volatilization	Chemical Manufacturing	Carborundum	CARBORUNDUM; CARBORUNDUM MANUFACTURING; INDUSTRIAL	Industrial
25410	Phosphorous	Dust	Chemical	Phosphor	PHOSPHO	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	Plant Plume		Manufacturing	ous	ROUS; PHOSPHOROUS MANUFACTURING; INDUSTRIAL	
25411	Fertilizer Production - Phosphate Rock Dust	Dust	Chemical Manufacturing	Fertilizer	FERTILIZER PRODUCTION; FERTILIZER; PHOSPHATE; PHOSPHATE ROCK; INDUSTRIAL	Dust
25412	Ammonium Nitrate - Prill Tower	Volatilization	Chemical Manufacturing	Ammonium Nitrate	AMMONIUM NITRATE; PRILL TOWER; INDUSTRIAL	Industrial
25413	Ammonium Sulfate Production	Volatilization	Chemical Manufacturing	Ammonium Sulfate	AMMONIUM SULFATE; AMMONIUM SULFATE PRODUCTION; INDUSTRIAL	Industrial
25414	Diammonium Phosphate Plant	Dust	Chemical Manufacturing	Diammonium Phosphate	DIAMMONIUM PHOSPHATE; DIAMMONIUM PHOSPHATE PRODUCTION; INDUSTRIAL	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
25415	Superphosphate Plant	Dust	Chemical Manufacturing	Phosphate	FERTILIZER; SUPERPHOSPHATE; SUPERPHOSPHATE PLANT; INDUSTRIAL	Dust
25416	Superphosphate Granulation	Dust	Chemical Manufacturing	Phosphate	SUPERPHOSPHATE; INDUSTRIAL	Dust
25417	Sodium Tripolyphosphate - Cyclone Dust	Dust	Chemical Manufacturing	Sodium Tripolyphosphate	SODIUM TRIPOLYPHOSPHATE; INDUSTRIAL	Dust
25418	Npk Fertilizer	Dust	Chemical Manufacturing	Fertilizer	FERTILIZER; NPK; NPK FERTILIZER; INDUSTRIAL	Dust
25419	Phosphoric Acid Plant	Dust	Chemical Manufacturing	Phosphoric Acid/phosphate	PHOSPHORIC ACID; PHOSPHORIC ACID PLANT; INDUSTRIAL	Dust
25420	Monoammonium Phosphate Dryer	Volatilization	Chemical Manufacturing	Phosphoric Acid/phosphate	DRYER; MONOAMMONIUM PHOSPHATE; MONOAMMONIUM PHOSPHATE DRYER; INDUSTRIAL	Industrial
25421	Phosphate Fertilizer Calciner	Combustion	Chemical Manufacturing; Calciner	Phosphate Fertilizer	PHOSPHATE FERTILIZER	Industrial

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					R CALCINER ; FERTILIZE R; PHOSPHA TE FERTILIZE R; INDUSTRI AL	
25422	Triple Super Phosphate Stack	Combustion	Chemical Manufacturing	Phosphoric Acid/phosphate	PHOSPHATE; SUPERPHOSPHATE; TRIPLE; SUPERPHOSPHATE; INDUSTRIAL	Industrial
25500	Slag Loadout Fugitives - Elemental Phosphorus Plant	Dust	Chemical Manufacturing	Phosphoric Acid/phosphate	SLAG; PHOSPHOROUS; ELEMENTAL PHOSPHOROUS; ELEMENTAL PHOSPHOROUS PLANT; INDUSTRIAL	Dust
25701	Calciner - Elemental Phosphorus Plant	Combustion	Chemical Manufacturing; Calciner	Phosphorous	INDUSTRIAL; ELEMENTAL PHOSPHOROUS; PHOSPHOROUS; ELEMENTAL PHOSPHOROUS PLANT; CALCINER	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
25702	Furnace Tapping - Elemental Phosphorus Plant	Combustion	Chemical Manufacturing; Furnace	Phosphorous	ELEMENTAL PHOSPHORUS; PHOSPHORUS; FURNACE; ELEMENTAL PHOSPHORUS PLANT; INDUSTRIAL	Industrial
25703	Tar Pot	Combustion	Chemical Manufacturing	Asphalt Roofing	TAR POT; ROOFING; ASPHALT ROOFING; ASPHALT	Industrial
26101	Metal Fabrication - Galvanizing (ZnO)	Chemical Reaction	Industrial; Metal	Zinc	METAL FABRICATION; GALVANIZING; ZINC OXIDE; INDUSTRIAL	Industrial
26202	Metal Fabrication - Sandblasting	Dust	Industrial; Metal; Sandblasting	Miscellaneous	METAL FABRICATION; SANDBLASTING; INDUSTRIAL	Dust
26203	Metal Fabrication - Welding	Combustion	Industrial; Metal; Welding	Miscellaneous	METAL FABRICATION; WELDING; INDUSTRIAL	Industrial
26204	Refinery Process Heaters (Gas)	Combustion	Petrochemical; Process Heater	Petroleum Products	HEATERS; PROCESS HEATERS; REFINERY ; NATURAL GAS	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					COMBUSTION; INDUSTRIAL	
26205	Petroleum Refinery Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	CATALYTIC CRACKER ; REFINERY ; INDUSTRIAL	Industrial
26206	Petroleum Refinery Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	CATALYTIC CRACKER ; REFINERY ; INDUSTRIAL	Industrial
26207	Petroleum Refinery Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	CATALYTIC CRACKER ; REFINERY ; INDUSTRIAL	Industrial
26208	Petroleum Refinery Catalytic Cracker	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	CATALYTIC CRACKER ; REFINERY ; INDUSTRIAL	Industrial
26209	Coke Calciner	Ash	Industrial; Metal; Calciner	Coke	CALCINER ; COKE; COKE CALCINER ; INDUSTRIAL	Industrial
27102	Green Coke Dust	Dust	Industrial; Metal	Coke	COKE; GREEN COKE; INDUSTRIAL	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
27201	Coke Cooler	Volatilization	Industrial; Metal	Coke	COKE; COKE COOLER; INDUSTRI AL	Industrial
27203	Catalytic Cracker Composite	Chemical Reaction	Petrochemica l; Catalytic Cracker	Petroleu m Products	CATALYTI C CRACKER ; INDUSTRI AL	Industrial
27204	Glass Furnace	Combustion	Mineral Products; Furnace	Glass	FURNACE; GLASS; GLASS FURNACE; INDUSTRI AL	Industrial
27205	Cement Kiln (Gas-Fired)	Combustion	Mineral Products; Kiln	Gas Fired; Cement	CEMENT; NATURAL GAS COMBUST ION; KILN; CEMENT KILN; INDUSTRI AL	Industrial
27501	Cement Kiln (Coal-Fired)	Combustion	Mineral Products; Kiln	Coal Fired; Cement	CEMENT; COAL COMBUST ION; KILN; CEMENT KILN; INDUSTRI AL	Coal Combustion
27502	Portland Cement Dust	Dust	Construction	Cement	CEMENT; PORTLAN D CEMENT; INDUSTRI AL	Dust
27503	Cement Ball Mill	Dust	Mineral Products	Cement	CEMENT BALL MILL; CEMENT; INDUSTRI AL	Dust
27504	Gypsum Calciner	Volatilization	Mineral Products	Gypsum	CALCINER ; GYPSUM;	Industrial

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					GYPSUM CALCINER ; INDUSTRIAL	
27601	Gypsum Handling	Dust	Mineral Products	Gypsum	INDUSTRIAL; GYPSUM	Dust
27602	Gypsum Kiln	Combustion	Mineral Products; Kiln	Gypsum	INDUSTRIAL; KILN; GYPSUM	Industrial
28201	Gypsum Pile Dust	Dust	Mineral Products	Gypsum	INDUSTRIAL; GYPSUM	Dust
28202	Lime Handling	Dust	Mineral Products	Gypsum	LIME; INDUSTRIAL	Dust
28301	Lime Kiln	Combustion	Mineral Products; Kiln	Lime	KILN; LIME; INDUSTRIAL	Industrial
28302	Cast Iron Induction Furnace	Combustion	Industrial; Metal; Furnace	Iron	CAST IRON; FURNACE; CAST IRON INDUCTIO N FURNACE; INDUCTIO N FURNACE; INDUSTRI AL	Industrial
28303	Cast Iron Cupola	Combustion	Industrial; Metal; Cupola	Iron	CAST IRON; CUPOLA; INDUSTRI AL	Industrial
28304	Steel Production - Steel Sinter Plant	Combustion	Industrial; Metal; Sintering	Steel	STEEL PRODUCT ION; STEEL SINTER PLANT; STEEL; INDUSTRI AL	Industrial



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
28305	Steel Production - Open Hearth Furnace	Combustion	Industrial; Metal; Furnace	Steel	STEEL PRODUCTION; FURNACE; OPEN HEARTH FURNACE; STEEL; INDUSTRIAL	Industrial
28306	Steel Production - Basic Oxygen Furnace	Combustion	Industrial; Metal; Furnace	Steel	STEEL PRODUCTION; FURNACE; BASIC OXYGEN FURNACE; STEEL; INDUSTRIAL	Industrial
28307	Iron Ore Dust - Sinter	Combustion	Industrial; Metal; Sintering	Iron	IRON ORE; SINTER; INDUSTRIAL	Industrial
28401	Steel Electric Arc Furnace	Combustion	Industrial; Metal; Electric Arc Furnace	Iron And Steel	STEEL ELECTRIC ARC FURNACE; ELECTRIC ARC FURNACE; FURNACE; STEEL; INDUSTRIAL	Industrial
28601	Steel Desulfurization Baghouse Dust	Ash	Industrial; Metal; Baghouse	Steel	STEEL DESULFURIZATION; STEEL; INDUSTRIAL	Industrial
29101	Steel Production - Basic Oxygen Furnace	Combustion	Industrial; Metal; Furnace	Steel	STEEL PRODUCTION; FURNACE; BASIC OXYGEN FURNACE;	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					STEEL; INDUSTRIAL	
29102	Ferromanganese Furnace	Combustion	Industrial; Metal; Furnace	Ferromanganese	FERROMANGANESE; FURNACE; FERROMANGANESE FURNACE; INDUSTRIAL	Industrial
29201	Steel Foundry - Steel Heat Treating (Salt Quench)	Combustion	Industrial; Metal; Foundry	Steel	SALT QUENCH; FOUNDRY ; STEEL; STEEL FOUNDRY ; STEEL HEAT TREATING ; INDUSTRIAL	Industrial
29202	Aluminum Processing	Volatilization	Industrial; Metal	Aluminum	ALUMINUM; ALUMINUM PROCESSING; INDUSTRIAL	Industrial
29203	Aluminum Reduction Potline	Combustion	Industrial; Metal; Potline	Aluminum	ALUMINUM; ALUMINUM REDUCTION POTLINE; INDUSTRIAL	Industrial
29204	Copper Oxide Kiln	Combustion	Industrial; Metal; Kiln	Copper	KILN; COPPER OXIDE; COPPER OXIDE KILN; INDUSTRIAL	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
29205	Primary Copper Smelter	Combustion	Industrial; Metal; Smelter	Copper	COPPER; PRIMARY COPPER; SMELTER; PRIMARY COPPER SMELTER; INDUSTRI AL	Industrial
29206	Primary Copper Reverberatory Furnace - Slag Tap	Combustion	Industrial; Metal; Furnace	Copper	COPPER; FLASH FURNACE; FURNACE; PRIMARY COPPER; SLAG; REVERBE RATORY FURNACE; INDUSTRI AL	Industrial
29207	Primary Copper Reverberatory Furnace - Slag Skim & Pour	Combustion	Industrial; Metal; Furnace	Copper	COPPER; FLASH FURNACE; FURNACE; PRIMARY COPPER; SLAG; PRIMARY COPPER REVERB FURNACE; INDUSTRI AL	Industrial
29208	Primary Copper Converter - Secondary Hood	Dust	Industrial; Metal	Copper	COPPER; PRIMARY COPPER CONVERT ER; PRIMARY COPPER; INDUSTRI AL	Dust
29209	Primary Copper Converter - Secondary Hood	Dust	Industrial; Metal	Copper	COPPER; PRIMARY COPPER CONVERT ER;	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					PRIMARY COPPER; INDUSTRIAL	
29210	Primary Copper Flash Furnace - Matte & Slag Tap	Combustion	Industrial; Metal; Furnace	Copper	COPPER; FLASH FURNACE; FURNACE; PRIMARY COPPER; SLAG; PRIMARY COPPER FLASH FURNACE; INDUSTRIAL	Industrial
29211	Primary Copper - Process Stack	Dust	Industrial; Metal	Copper	COPPER; PRIMARY COPPER; INDUSTRIAL	Dust
29301	Primary Copper Roaster	Combustion	Industrial; Metal; Roaster	Copper	COPPER; PRIMARY COPPER; ROASTER; PRIMARY COPPER ROASTER; INDUSTRIAL	Industrial
29302	Primary Copper Reverberatory Furnace Fugitives Composite	Combustion	Industrial; Metal; Furnace	Copper	COPPER; FLASH FURNACE; FURNACE; PRIMARY COPPER; REVERBERATORY FURNACE; PRIMARY COPPER REVERB FURNACE; INDUSTRIAL	Industrial
29303	Primary Copper Converter -	Dust	Industrial; Metal	Copper	COPPER; PRIMARY	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Secondary Hood Composite				COPPER CONVERTER; PRIMARY COPPER; CONVERTER; INDUSTRIAL	
29304	Primary Lead Smelting - Slag Pouring	Combustion	Industrial; Metal	Lead	LEAD; PRIMARY LEAD; SLAG; SMELTER; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
29305	Primary Lead Smelting - Blast Furnace	Combustion	Industrial; Metal; Smelter; Furnace	Lead	BLAST FURNACE; FURNACE; LEAD; PRIMARY LEAD; SMELTER; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
29306	Primary Lead Smelting - Zinc Fuming	Combustion	Industrial; Metal; Smelter	Lead	ZINC FUMING; LEAD; SMELTER; PRIMARY LEAD; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
29307	Primary Lead Smelting - Sintering	Combustion	Industrial; Metal; Sintering	Lead	SINTERING; LEAD; PRIMARY	Industrial

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					LEAD; PRIMARY LEAD SMELTING; SMELTER; INDUSTRIAL	
29309	Primary Lead Smelting - Blast Furnace Upset	Combustion	Industrial; Metal; Smelter; Furnace	Lead	BLAST FURNACE; FURNACE; LEAD; PRIMARY LEAD; SMELTER; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
29310	Primary Lead Smelting-Zinc Baghouse	Combustion	Industrial; Metal; Furnace	Lead	ZINC; LEAD; PRIMARY LEAD; SMELTER; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
29311	Primary Lead Smelting-Dross Reverberatory Furnace	Combustion	Industrial; Metal; Furnace	Lead	FURNACE; LEAD; PRIMARY LEAD; REVERBERATORY FURNACE; SMELTER; PRIMARY LEAD SMELTING; DROSS REVERBERATORY FURNACE; INDUSTRIAL	Industrial

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					AL	
29330	Primary Lead Smelting-Sinter Production	Combustion	Industrial; Metal; Sintering	Lead	SINTER; LEAD; PRIMARY LEAD; SMELTER; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
29501	Primary Lead - Dross Building	Combustion	Industrial; Metal; Smelter	Lead	DROSS BUILDING ; LEAD; PRIMARY LEAD; SMELTER; INDUSTRIAL	Industrial
29502	Primary Lead - Slag Pour	Combustion	Industrial; Metal	Lead	SLAG; LEAD; PRIMARY LEAD; SMELTER; INDUSTRIAL	Industrial
31101	Primary Lead Smelting - Composite	Combustion	Industrial; Metal; Smelter	Lead	LEAD; PRIMARY LEAD; SMELTER; PRIMARY LEAD SMELTING; INDUSTRIAL	Industrial
31102	Secondary Copper Pyrometal - Cathode Charge	Combustion	Industrial; Metal	Copper	CATHODE CHARGE; COPPER; SECONDARY PYROMETAL; INDUSTRIAL	Industrial
31103	Secondary Copper	Combustion	Industrial; Metal	Copper	SMELTER; COPPER;	Industrial

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	Pyrometal - Regular Charge				SECONDARY COPPER PYROMETAL; INDUSTRIAL; SECONDARY COPPER	
31104	Light Duty Vehicles-Leaded	Combustion	Mobile; Onroad; Light Duty	Leaded Gasoline	LIGHT DUTY VEHICLES ; LEADED GASOLINE COMBUSTION; GASOLINE COMBUSTION; VEHICLES	Traffic
31105	Heavy Duty Vehicles - Leaded	Combustion	Mobile; Onroad	Leaded Gasoline	GASOLINE COMBUSTION; LEADED GASOLINE COMBUSTION; VEHICLES ; HEAVY DUTY VEHICLES	Traffic
31106	Light Duty Vehicles - Leaded	Combustion	Mobile; Onroad; Light Duty	Leaded Gasoline	LIGHT DUTY VEHICLES ; LEADED GASOLINE COMBUSTION; GASOLINE COMBUSTION; VEHICLES	Traffic
31107	Light Duty Vehicles - Leaded	Combustion	Mobile; Onroad; Light Duty	Leaded Gasoline	LIGHT DUTY VEHICLES ; LEADED GASOLINE	Traffic



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					COMBUSTION; GASOLINE COMBUSTION; VEHICLES	
31108	Light Duty Vehicles - Leaded Composite	Combustion	Mobile; Onroad; Light Duty	Leaded Gasoline	LIGHT DUTY VEHICLES ; LEADED GASOLINE COMBUSTION; GASOLINE COMBUSTION; VEHICLES	Traffic
31201	Light Duty Vehicle - Leaded	Combustion	Mobile; Onroad	Leaded Gasoline	GASOLINE COMBUSTION; LEADED/UNLEADED GASOLINE COMBUSTION; LIGHT DUTY VEHICLES ; VEHICLES	Traffic
31202	Light Duty Vehicle - With Catalyst	Combustion	Mobile; Onroad	Gasoline	GASOLINE COMBUSTION; CATALYST VEHICLES ; LIGHT DUTY VEHICLES ; VEHICLES	Traffic
31203	Light Duty Vehicle - Non-Catalyst	Combustion	Mobile; Onroad	Gasoline	GASOLINE COMBUSTION; NON-CATALYST VEHICLES ; LIGHT	Traffic

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					DUTY VEHICLES ; VEHICLES	
31230	Light Duty Vehicles - Unleaded	Combustion	Mobile; Onroad; Light Duty	Gasoline	LIGHT DUTY VEHICLES ; UNLEADED GASOLINE COMBUSTION; GASOLINE COMBUSTION; VEHICLES	Traffic
32101	Light Duty Vehicles - Unleaded	Combustion	Mobile; Onroad; Light Duty	Gasoline	LIGHT DUTY VEHICLES ; UNLEADED GASOLINE COMBUSTION; GASOLINE COMBUSTION; VEHICLES	Traffic
32102	Light Duty Vehicles - Unleaded	Combustion	Mobile; Onroad; Light Duty	Gasoline	LIGHT DUTY VEHICLES ; UNLEADED GASOLINE COMBUSTION; GASOLINE COMBUSTION; VEHICLES	Traffic
32103	Light Duty Vehicles - Composite	Combustion	Mobile; Onroad; Light Duty	Gasoline	LIGHT DUTY VEHICLES ; VEHICLES	Traffic

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32104	Light Duty Vehicles - Diesel	Combustion	Mobile; Onroad; Light Duty	Diesel	DIESEL COMBUSTION; LIGHT DUTY VEHICLES ; VEHICLES	Traffic
32202	Light Duty Vehicles - Diesel	Combustion	Mobile; Onroad; Light Duty	Diesel	DIESEL COMBUSTION; LIGHT DUTY VEHICLES ; VEHICLES	Traffic
32203	Light Duty Vehicles - Diesel	Combustion	Mobile; Onroad; Light Duty	Diesel	DIESEL COMBUSTION; LIGHT DUTY VEHICLES ; VEHICLES	Traffic
32204	Light Duty Vehicles - Diesel Composite	Combustion	Mobile; Onroad; Light Duty	Diesel	DIESEL COMBUSTION; LIGHT DUTY VEHICLES ; VEHICLES	Traffic
32205	Heavy Duty Diesel	Combustion	Mobile; Onroad	Diesel	DIESEL COMBUSTION; VEHICLES ; HEAVY DUTY VEHICLES	Traffic
32206	Heavy Duty Vehicles - Diesel	Combustion	Mobile; Onroad	Diesel	DIESEL COMBUSTION; VEHICLES ; HEAVY DUTY VEHICLES	Traffic
32207	Heavy Duty Vehicles -	Combustion	Mobile; Onroad	Diesel	DIESEL COMBUST	Traffic

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	Diesel				ION; VEHICLES ; HEAVY DUTY VEHICLES	
32208	Diesel Vehicles - Las Vegas Valley (1987)	Combustion	Mobile; Onroad	Diesel	DIESEL COMBUST ION; VEHICLES	Traffic
33001	Heavy Duty Vehicles - Diesel Composite	Combustion	Mobile; Onroad	Diesel	DIESEL COMBUST ION; VEHICLES ; HEAVY DUTY VEHICLES	Traffic
33002	Heavy Duty Vehicles - Diesel	Combustion	Mobile; Onroad	Diesel	DIESEL COMBUST ION; VEHICLES ; HEAVY DUTY VEHICLES	Traffic
33003	Heavy Duty Diesel Trucks	Combustion	Mobile; Onroad	Diesel	DIESEL COMBUST ION; HEAVY DUTY VEHICLES	Traffic
33004	Leaded/unleaded Gasoline Composite - 1977	Combustion	Mobile; Onroad	Gasoline; Leaded; Unleaded	GASOLINE COMBUST ION; LEADED/U NLEADED GASOLINE COMBUST ION; VEHICLES	Traffic
33005	Transportation Composite - Medford, OR (1980)	Combustion	Mobile; Onroad	Miscella neous	TRANSP ORTATION COMPOSI TE; VEHICLES ; GASOLINE COMBUST ION; DIESEL	Traffic

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					COMBUSTION; LEADED/UNLEADED COMBUSTION; TIRE WEAR; ROADWAY	
33006	Transportation Composite - Portland, OR (1979)	Combustion	Mobile; Onroad	Miscellaneous	TRANSPORTATION COMPOSITE; VEHICLES ; GASOLINE COMBUSTION; LEADED/UNLEADED COMBUSTION;	Traffic
33007	Transportation Composite	Combustion	Mobile; Onroad	Miscellaneous	TRANSPORTATION COMPOSITE; TIRE WEAR; VEHICLES	Traffic
33008	Transportation Composite	Combustion	Mobile; Onroad	Miscellaneous	TRANSPORTATION COMPOSITE; VEHICLES	Traffic
33009	Transportation Composite	Combustion	Mobile; Onroad	Miscellaneous	TRANSPORTATION COMPOSITE; VEHICLES	Traffic
33010	Transportation Composite	Combustion	Mobile; Onroad	Miscellaneous	TRANSPORTATION COMPOSITE; VEHICLES	Traffic
33011	Transportation Composite	Combustion	Mobile; Onroad	Miscellaneous	TRANSPORTATION COMPOSITE; TIRE WEAR;	Traffic

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					VEHICLES ; ASBESTOS BRAKES	
33020	Transportation Composite	Combustion	Mobile; Onroad	Miscellaneous	TRANSPORTATION COMPOSITE; VEHICLES	Traffic
34001	Gasoline Vehicles - Las Vegas Valley (1987)	Combustion	Mobile; Onroad	Gasoline	GASOLINE COMBUSTION; VEHICLES	Traffic
34002	Highway Vehicles - Composite	Combustion	Mobile; Onroad	Unknown	VEHICLES	Traffic
34003	Transportation - Composite	Combustion	Mobile	Unknown	TRANSPORTATION COMPOSITE; VEHICLES	Traffic
34005	Tire Wear	Dust	Mobile; Onroad	Tire Wear	VEHICLES ; TIRE WEAR	Dust
34006	Tire Wear	Dust	Mobile; Onroad	Tire Wear	VEHICLES ; TIRE WEAR	Dust
34007	Brake Lining, Asbestos	Dust	Mobile; Onroad	Brake Wear	ASBESTOS BRAKES; BRAKE LINING; VEHICLES	Dust
34008	Motor Oil	Miscellaneous	Mobile	Motor Oil	MOTOR OIL; VEHICLES	Traffic
41101	Semimetal Disk Brake Pads	Dust	Mobile; Onroad	Brake Wear	BRAKE PADS; SEMIMETAL BRAKE PADS; VEHICLES	Dust
41102	Organometallic Brake Dust	Dust	Mobile; Onroad	Brake Wear	BRAKE PADS; ORGANOMETALLIC BRAKE PADS;	Dust

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					VEHICLES	
41103	Tire Wear	Dust	Mobile; Onroad	Tire Wear	VEHICLES ; TIRE WEAR	Dust
41104	Paved Road Dust Missoula, Montana	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41105	Paved Road Dust - Juneau, Alaska	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41106	Paved Road Dust - Lewiston, Idaho	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41107	Paved Road Dust - Butte, Montana	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41109	Paved Road Dust - East Helena, Montana	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41110	Paved Road Dust - Medford Or	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41111	Paved Road Dust - Portland, OR	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41112	Paved Road Dust - Alabama	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41113	Paved Road Dust - Spokane, WA	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41114	Paved Road Dust - Pasadena Freeway (CA)	Dust	Road	Paved	ROADWA Y; PAVED ROAD; VEHICLES	Dust
41115	Paved Road Dust - Artesia Freeway (CA)	Dust	Road	Paved	ROADWA Y; PAVED ROAD;	Dust

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					VEHICLES	
41116	Paved Road Dust - Long Beach Blvd. (CA)	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41117	Paved Road Dust - Long Beach, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41118	Paved Road Dust - La Cienega Blvd. (CA)	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41119	Paved Road Dust - Hawthorne, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41120	Paved Road Dust - Victory Blvd. (CA)	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41121	Paved Road Dust - Burbank, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41122	Paved Road Dust - North Main St., Los Angeles, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41123	Paved Road Dust - Los Angeles, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41124	Paved Road Dust - South Harbor Blvd., Anaheim, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41130	Paved Road Dust - Anaheim, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41131	Paved Road Dust - Riverside, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41132	Paved Road Dust -	Dust	Road	Paved	ROADWAY; PAVED	Dust



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	Sepulveda Tunnel, Los Angeles, CA				ROAD; VEHICLES	
41133	Paved Road Dust - Composite	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41134	Paved Road Dust - Freeway Composite	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41135	Paved Road Dust - Composite-Long Beach, CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41136	Paved Road Dust - Hawthorne Composite	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41137	Paved Road Dust - Burbank Composite	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41138	Paved Road Dust - Los Angeles Composite	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41139	Paved Road Dust - Anaheim Composite	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41140	Paved Road Dust - Scab Composite	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41141	Paved Road Dust - Pocatello, Idaho	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41142	Paved Road Dust - Pocatello, Idaho	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41201	Paved Road Dust - Pocatello, Idaho	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust

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41203	Paved Road Dust - Pocatello, Idaho	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41204	Paved Road Dust - Pasadena CA	Dust	Road	Paved	ROADWAY; PAVED ROAD; VEHICLES	Dust
41205	Unpaved Road Dust (Copper Mine)	Dust	Road	Unpaved ; Industrial	COPPER MINING; ROADWAY; UNPAVED ROAD; VEHICLES	Dust
41206	Unpaved Road Dust - Haul Road	Dust	Road	Unpaved ; Industrial	ROADWAY; UNPAVED ROAD; VEHICLES	Dust
41207	Unpaved Road Dust - East Helena, Montana	Dust	Road	Unpaved ; Industrial	ROADWAY; UNPAVED ROAD; VEHICLES	Dust
41220	Unpaved Road Dust - Riverside, CA	Dust	Road	Unpaved	ROADWAY; UNPAVED ROAD; VEHICLES	Dust
41301	Ore And Road Dust Fugitives - Pocatello, Idaho	Dust	Chemical Manufacturing	Soil	ROADWAY; ORE DUST; VEHICLES	Dust
41302	Unpaved Road Dust - Pocatello, Idaho	Dust	Road	Unpaved ; Industrial	ROADWAY; UNPAVED ROAD; VEHICLES	Dust
41303	Unpaved Road Dust - Composite	Dust	Road	Unpaved ; Industrial	ROADWAY; UNPAVED ROAD; VEHICLES	Dust
41304	Soil Dust - Des Moines, IA	Dust	Geological	Soil	SOIL DUST	Dust
41305	Soil Dust - Seattle, WA	Dust	Geological	Soil	SOIL DUST	Dust

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41306	Soil Dust - Visalia, CA	Dust	Geological	Soil	SOIL DUST	Dust
41307	Soil Dust - South Bend, Indiana	Dust	Geological	Soil	SOIL DUST	Dust
41308	Soil Dust - Houston, TX	Dust	Geological	Soil	SOIL DUST	Dust
41309	Soil Dust - East Helena, Montana	Dust	Geological	Soil	SOIL DUST	Dust
41310	Soil Dust - Idaho	Dust	Geological	Soil	SOIL DUST	Dust
41311	Soil Dust - Creston, Iowa	Dust	Geological	Soil	SOIL DUST	Dust
41312	Soil Dust - Council Bluffs, Iowa	Dust	Geological	Soil	SOIL DUST	Dust
41313	Soil Dust - Sioux City, Iowa	Dust	Geological	Soil	SOIL DUST	Dust
41314	Soil Dust - Cedar Rapids, Iowa	Dust	Geological	Soil	SOIL DUST	Dust
41315	Soil Dust - Davenport, Iowa	Dust	Geological	Soil	SOIL DUST	Dust
41316	Soil Dust - Spokane, WA	Dust	Geological	Soil	SOIL DUST	Dust
41318	Soil Dust - Boise, Idaho	Dust	Geological	Soil	SOIL DUST	Dust
41319	Soil Dust - Bakersfield, CA	Dust	Geological	Soil	SOIL DUST	Dust
41320	Soil Dust - Pasadena, CA	Dust	Geological	Soil	SOIL DUST	Dust
41321	Soil Dust - Medford, OR	Dust	Geological	Soil	SOIL DUST	Dust
41322	Soil Dust - Portland OR	Dust	Geological	Soil	SOIL DUST	Dust
41323	Soil Dust - Alabama	Dust	Geological	Soil	SOIL DUST	Dust
41324	Soil Dust - Laurel Md	Dust	Geological	Soil	SOIL DUST	Dust
41325	Soil Dust - Washington, D.C. Area	Dust	Geological	Soil	SOIL DUST	Dust
41326	Soil Dust - Riverside, CA	Dust	Geological	Soil	SOIL DUST	Dust
41327	Soil Dust -	Dust	Geological	Soil	SOIL	Dust

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	Hawthorne, CA				DUST	
41328	Soil Dust - Medford, Oregon	Dust	Geological	Soil	SOIL DUST	Dust
41329	Soil Dust - Bend, Oregon	Dust	Geological	Soil	SOIL DUST	Dust
41330	Soil Dust - Klamath Falls, Oregon	Dust	Geological	Soil	SOIL DUST	Dust
41331	Soil Dust - Grant's Pass, Oregon	Dust	Geological	Soil	SOIL DUST	Dust
41350	Soil Dust - Eugene, Oregon	Dust	Geological	Soil	SOIL DUST	Dust
41351	Soil Dust - Lagrande, Oregon	Dust	Geological	Soil	SOIL DUST	Dust
41352	Soil Dust - Springfield, Oregon	Dust	Geological	Soil	SOIL DUST	Dust
41353	Soil Dust - Composite	Dust	Geological	Soil	SOIL DUST	Dust
41401	Soil Dust - Scab Composite	Dust	Geological	Soil	SOIL DUST	Dust
41500	Soil Dust - Pocatello, Idaho	Dust	Geological	Soil	SOIL DUST	Dust
42101	Soil Dust - Oregon Composite	Dust	Geological	Soil	SOIL DUST	Dust
42102	Road Sand And Salt Mixture	Dust	Road	Sand	ROADWAY; ROAD SAND; ROAD SALT; VEHICLES	Dust
42103	Vegetative Detritus	Dust	Geological	Biomass	VEGETATIVE DETRITUS	Dust
42104	Wood Stoves - Pine Fuel	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Pine	PINE COMBUSTION; WOOD COMBUSTION; WOOD STOVE	Biomass Burning
42105	Wood Stoves -	Combustion	Biomass	Miscella	WOOD	Biomass

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	Average, All Fuels		Burning; Residential Wood Combustion; Woodstove	neous	STOVE; WOOD COMBUSTION	Burning
42106	Wood Stoves - Oak Fuel	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Oak	OAK COMBUSTION; WOOD COMBUSTION; WOOD STOVE	Biomass Burning
42107	Residential Woodstove - Medford, Oregon	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	WOOD COMBUSTION; WOOD STOVE	Biomass Burning
42201	Residential Woodstove - Pocatello, Idaho	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	WOOD COMBUSTION; WOOD STOVE	Biomass Burning
42202	Residential Woodstove - Portland / Seattle	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	WOOD COMBUSTION; WOOD STOVE	Biomass Burning
42203	Natural Gas Home Appliances	Combustion	Residential; Space Heater And Water Heater	Natural Gas	NATURAL GAS COMBUSTION; NATURAL GAS HOME APPLIANCE	Biomass Burning
42204	Fireplaces - Softwoods	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Softwood	FIREPLACES; SOFTWOOD COMBUSTION; WOOD COMBUSTION	Biomass Burning

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					ION	
42205	Fireplaces - Hardwoods	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood	FIREPLACES; HARDWOOD COMBUSTION; WOOD COMBUSTION	Biomass Burning
42301	Fireplaces - Softwoods	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Softwood	FIREPLACES; SOFTWOOD COMBUSTION; WOOD COMBUSTION	Biomass Burning
42302	Fireplaces - Hardwoods	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood	FIREPLACES; HARDWOOD COMBUSTION; WOOD COMBUSTION	Biomass Burning
42303	Fireplaces - Synthetic Logs	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Synthetic Wood	FIREPLACES; SYNTHETIC LOGS COMBUSTION; WOOD COMBUSTION	Biomass Burning
42304	Slash Burning	Combustion	Biomass Burning; Prescribed Fire; Slash	Miscellaneous	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42305	Slash Burning	Combustion	Biomass Burning; Prescribed Fire; Slash	Miscellaneous	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42306	Residential	Combustion	Biomass	Miscellaneous	WOOD	Biomass

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	Wood Combustion - Composite		Burning; Residential Wood Combustion; Fireplace; Woodstove	neous	COMBUSTION; WOOD STOVE; FIREPLACES	Burning
42307	Agricultural Field Burning	Combustion	Biomass Burning; Agriculture	Miscellaneous	FIELD BURNING	Biomass Burning
42308	Slash Burning (Conifer-Flaming Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Flaming; Conifer	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42309	Slash Burning (Conifer-Smoldering Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Smoldering; Conifer	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42310	Slash Burning (Hardwood-Flaming Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Flaming; Hardwood	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42311	Slash Burning (Hardwood-Smoldering Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Smoldering	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42312	Slash Burning (Ponderosa Pine-Flaming Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Flaming	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42313	Slash Burning (Ponderosa Pine-Smoldering Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Smoldering	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42314	Slash Burning (Tractor-Piled; Flaming Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Flaming	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42315	Slash Burning (Tractor-Piled; Smoldering Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Smoldering	WOOD COMBUSTION; SLASH	Biomass Burning

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					BURNING	
42316	Slash Burning (Crane-Piled; Flaming Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Flaming	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42317	Slash Burning (Crane-Piled; Smoldering Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Smoldering	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42318	Slash Burning (Chaparral; Flaming Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Flaming	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42319	Slash Burning (Chaparral; Smoldering Phase)	Combustion	Biomass Burning; Prescribed Fire; Slash	Smoldering	WOOD COMBUSTION; SLASH BURNING	Biomass Burning
42320	Wood Combustion - Las Vegas Valley (1987)	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	WOOD COMBUSTION; WOOD STOVE; FIREPLACES	Biomass Burning
42321	Residential Wood Combustion	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	WOOD COMBUSTION; WOOD STOVE; FIREPLACES	Biomass Burning
42322	Residential Wood Combustion Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	WOOD COMBUSTION; WOOD STOVE; FIREPLACES	Biomass Burning
42323	Field Burning - Composite	Combustion	Biomass Burning; Prescribed Fire	Miscellaneous	FIELD BURNING	Biomass Burning
42324	Forest Prescribed	Combustion	Biomass Burning;	Conifer	WOOD COMBUST	Biomass Burning



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	Burning - Broadcast Conifer		Prescribed Fire		ION; PRESCRIBED BURN	
42330	Field Burning - Annual Rye Grass	Combustion	Biomass Burning; Agriculture	Rye Grass	FIELD BURNING	Biomass Burning
42331	Field Burning - Perennial Rye Grass	Combustion	Biomass Burning; Agriculture	Rye Grass	FIELD BURNING	Biomass Burning
43101	Field Burning - Fescue	Combustion	Biomass Burning; Agriculture	Fescue	FIELD BURNING	Biomass Burning
43201	Composite of Residential Wood Burning Sources	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	WOOD COMBUSTION; WOOD STOVE; FIREPLACES	Coal Combustion
43301	Residential Woodstove Composite	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Miscellaneous	WOOD COMBUSTION; WOOD STOVE	Biomass Burning
43302	Marine Aerosol	Dust	Geological	Sea Salt	MARINE AEROSOL	Dust
43303	Residential Space Heating - Coal	Combustion	Residential; Space Heater	Coal	COAL COMBUSTION; SPACE HEATING	Biomass Burning
43304	Volcanic Ash	Ash	Volcanic	Volcano	VOLCANIC ASH	Industrial
43305	Orchard Heating - Smudge Pots	Combustion	Crop Heating	Miscellaneous	ORCHARD HEATING; SMUDGE POTS	Biomass Burning
43306	Coal-Fired Power Utility Fly Ash (Srm 1633)	Ash	Electric Generation; Boiler	Coal	COAL COMBUSTION; UTILITY; POWER PLANT; ELECTRIC GENERATION; FLY ASH	Coal Combustion

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43307	Limestone, Crustal	Dust	Mineral Products	Limestone	CRUSTAL; LIMESTONE; CRUSTAL	Dust
43308	Shale, Crustal	Dust	Geological	Soil	CRUSTAL; SHALE; CRUSTAL	Dust
43309	Sandstone, Crustal	Dust	Geological	Soil	CRUSTAL; SANDSTONE; CRUSTAL	Dust
44101	Sediment, Crustal	Dust	Geological	Soil	CRUSTAL; SEDIMENT; CRUSTAL	Dust
44102	Igneous Rock	Dust	Geological	Rock	IGNEOUS ROCK	Dust
44103	Earth's Crust	Dust	Geological	Soil	CRUSTAL	Dust
44104	Excavation - El Segundo, CA	Dust	Construction	Soil	EXCAVATION; SOIL DUST	Dust
90001	Excavation - Haul Road	Dust	Construction	Soil	EXCAVATION; SOIL DUST	Dust
90002	Excavation - Rock Crushing	Dust	Geological	Gravel	ROCK CRUSHING; SOIL DUST; EXCAVATION	Dust
90003	Soil Dust - Sandblasting & Plastering	Dust	Industrial; Construction; Sandblasting	Concrete	PLASTERING; SANDBLASTING; SOIL DUST	Dust
90005	Chemical Manufacturing - Average	Volatilization	Chemical Manufacturing	Miscellaneous	INDUSTRIAL; CHEMICAL MANUFACTURING	Industrial
90006	Food And Agriculture - Average	Dust	Food And Agriculture	Miscellaneous	FOOD AND AGRICULTURE; INDUSTRIAL	Dust

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90007	Steel Production - Average	Combustion	Industrial; Metal	Steel	STEEL; STEEL PRODUCT ION; INDUSTRIAL	Industrial
90008	Lead Smelters - Average	Combustion	Industrial; Metal; Smelter	Lead	LEAD; SMELTER; LEAD SMELTER; INDUSTRIAL	Industrial
90009	Metal Mining - General Processes - Average	Dust	Industrial; Mining	Metal	METAL; MINING; METAL MINING	Industrial
90010	Primary Metal Production - Average	Combustion	Industrial; Metal	Miscellaneous	METAL; PRIMARY METAL; PRIMARY METAL PRODUCT ION; INDUSTRIAL	Industrial
90011	Secondary Metal Production - Average	Combustion	Industrial; Metal	Miscellaneous	METAL; SECONDARY METAL; SECONDARY METAL PRODUCT ION; INDUSTRIAL	Industrial
90012	Secondary Aluminum - Average	Combustion	Industrial; Metal	Aluminum	ALUMINUM; SECONDARY ALUMINUM; INDUSTRIAL	Industrial
90013	Gray Iron Foundries - Average	Combustion	Industrial; Metal; Foundry	Iron	GRAY IRON; FOUNDRY ; GRAY	Industrial

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					IRON FOUNDRY ; INDUSTRI AL	
90014	Steel Foundry - General	Combustion	Industrial; Metal	Steel	FOUNDRY ; STEEL; STEEL FOUNDRY ; INDUSTRI AL	Industrial
90015	Clay And Fly Ash Sintering - Average	Ash	Industrial; Metal; Sintering	Miscella neous	CLAY AND FLY ASH SINTERIN G; CLAY; FLY ASH; SINTERIN G; INDUSTRI AL	Industrial
90016	Mineral Products - Average	Dust	Mineral Products	Miscella neous	MINERAL PRODUCT S; INDUSTRI AL	Dust
91000	Petroleum Industry - Average	Volatilization	Petrochemica l	Miscella neous	PETROLE UM INDUSTR Y; INDUSTR UAL	Industrial
91001	Pulp And Paper Industry	Combustion	Pulp And Paper	Miscella neous	PULP AND PAPER INDUSTR Y; PULP AND PAPER; INDUSTRI AL	Industrial
91002	Industrial Manufacturing - Average	Dust	Industrial	Miscella neous	INDUSTRI AL	Dust
91003	Draft Agricultural Burning - Composite	Combustion	Biomass Burning; Agriculture	Miscella neous	Agricultural Burning; PM Composite	Biomass Burning

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91004	Draft Agricultural Soil - Composite	Dust	Agriculture	Soil	Agricultural Soil; PM Composite	Dust
91005	Draft Brake Lining Dust - Composite	Dust	Mobile; Onroad	Brake Wear	Brake Lining Dust; PM Composite	Traffic
91006	Draft Catalytic Cracking - Composite	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracking; PM Composite	Industrial
91007	Draft Cement Production - Composite	Combustion	Mineral Products	Cement	Cement Production; PM Composite	Industrial
91008	Draft Charbroiling - Composite	Combustion	Cooking; Charbroiling; Stirfry; Smoke	Hamburger; Chicken	Charbroiling; PM Composite	Biomass Burning
91011	Draft Construction Dust - Composite	Dust	Construction	Soil	Construction Dust; PM Composite	Dust
91012	Draft Copper Production - Composite	Dust	Industrial; Metal	Copper	Copper Production; PM Composite	Dust
91013	Draft Crustal Material - Composite	Dust	Geological	Soil	Crustal Material; PM Composite	Dust
91014	Draft Electric Arc Furnace - Composite	Ash	Industrial; Metal; Electric Arc Furnace	Iron And Steel	Electric Arc Furnace; PM Composite	Industrial
91015	Draft Ferromanganese Furnace - Composite	Combustion	Industrial; Metal; Furnace	Ferromanganese	Ferromanganese Furnace; PM Composite	Industrial
91016	Draft Fly Ash - Composite	Ash	Industrial	Miscellaneous	Fly Ash; PM Composite	Industrial
91017	Draft Food & Ag - Handling - Composite	Dust	Agriculture; Silo	Feed And Grain	Food & Ag; PM Handling; PM Composite	Dust

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91018	Draft Industrial Soil - Composite	Dust	Industrial	Soil	Industrial Soil; PM Composite	Dust
91019	Draft Inorganic Fertilizer - Composite	Dust	Chemical Manufacturing	Fertilizer	Inorganic Fertilizer; PM Composite	Dust
91020	Draft LDDV Exhaust - Composite	Combustion	Mobile; Onroad; Light Duty	Diesel	LDDV Exhaust; PM Composite	Traffic
91021	Draft Lime Kiln - Composite	Combustion	Mineral Products; Kiln	Lime	Lime Kiln; PM Composite	Industrial
91022	Draft Limestone Dust - Composite	Dust	Mineral Products	Limestone	Limestone Dust; PM Composite	Dust
91023	Draft Natural Gas Combustion - Composite	Combustion	Process Heater; Gas Turbine	Natural Gas; Refinery Process Gas	Natural Gas Combustion; PM Composite	Industrial
91024	Draft Non-catalyst Gasoline Exhaust - Composite	Combustion	Mobile	Gasoline	Non-catalyst Gasoline Exhaust; PM Composite	Traffic
91025	Draft Onroad Gasoline Exhaust - Composite	Combustion	Mobile	Gasoline	Onroad Gasoline Exhaust; PM Composite	Traffic
91026	Draft Paved Road Dust - Composite	Dust	Road	Paved	Paved Road Dust; PM Composite	Dust
91027	Draft Phosphate Manuf - Composite	Dust	Chemical Manufacturing	Phosphorous/phosphate	Phosphate Manuf; PM Composite	Dust
91028	Draft PMSO2 Controlled Lignite Combustion - Composite	Combustion	Electric Generation; Boiler	Coal	PMSO2 Controlled Lignite Combustion; PM Composite	Coal Combustion
91029	Draft Prescribed Burning - Composite	Combustion	Biomass Burning; Prescribed Fire	Miscellaneous	Prescribed Burning; PM Composite	Biomass Burning

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91030	Draft Process Gas Combustion - Composite	Combustion	Process Heater; Boiler	Refinery Process Gas	Process Gas Combustion ; PM Composite	Industrial
91031	Draft Residential Coal Combustion - Composite	Combustion	Residential Heating	Coal	Residential Coal Combustion ; PM Composite	Coal Combustion
91032	Draft Residential Wood Combustion: Eucalyptus - Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood; Eucalyptus	Residential Wood Combustion : Eucalyptus; PM Composite	Biomass Burning
91033	Draft Residential Wood Combustion: Hard - Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Hardwood	Residential Wood Combustion : Hard; PM Composite	Biomass Burning
91035	Draft Residential Wood Combustion: HardSoft - Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	Residential Wood Combustion : HardSoft; PM Composite	Biomass Burning
91036	Draft Residential Wood Combustion: HardSoftN/A - Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	Residential Wood Combustion : HardSoftN/A; PM Composite	Biomass Burning
91037	Draft Residential Wood Combustion: Soft - Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	Residential Wood Combustion : Soft; PM Composite	Biomass Burning
91038	Draft Sand & Gravel - Composite	Dust	Geological	Road Salt; Sand; Gravel	Sand & Gravel; PM Composite	Dust

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91039	Draft Sandblast - Composite	Dust	Industrial; Metal And Construction; Sandblasting	Miscellaneous	Sandblast; PM Composite	Dust
91040	Draft Secondary Aluminum - Composite	Dust	Industrial; Metal	Aluminum	Secondary Aluminum; PM Composite	Dust
91041	Draft Sintering Furnace - Composite	Ash	Industrial; Metal; Furnace; Sintering	Steel	Sintering Furnace; PM Composite	Industrial
91042	Draft Slash Burning - Composite	Combustion	Biomass Burning; Prescribed Fire; Slash	Miscellaneous	Slash Burning; PM Composite	Biomass Burning
91044	Draft SubBituminous Combustion - Composite	Combustion	Electric Generation; Boiler	Coal	SubBituminous Coal Combustion ; PM Composite	Coal Combustion
91045	Draft Surface Coating - Composite	Atomization	Surface Coating; Spraying	Water Based; Solvent Based	Surface Coating; PM Composite	Dust
91046	Draft Tire Dust - Composite	Dust	Mobile; Onroad	Tire Wear	Tire Dust; PM Composite	Dust
91047	Draft Unpaved Road Dust - Composite	Dust	Road	Unpaved	Unpaved Road Dust; PM Composite	Dust
91048	Draft Wildfires - Composite	Combustion	Biomass Burning; Wildfire	Miscellaneous	Wildfires; PM Composite	Biomass Burning
91100	Draft Wood Product Drying - Composite	Dust	Industrial; Wood Products	Wood	Wood Product Drying; PM Composite	Dust
91101	Draft Wood Product Sawing - Composite	Dust	Industrial; Wood Products	Sawdust	Wood Product Sawing; PM Composite	Dust
91102	Draft Bituminous Coal Combustion - Composite	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion



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91103	Unpaved Road Dust - Composite	Dust	Road	Unpaved	Unpaved Road Dust; Inventory speciation	Dust
91104	Agricultural Soil - Composite	Dust	Agriculture	Soil	Agricultural Soil; Inventory speciation	Dust
91105	Wildfires - Composite	Combustion	Biomass Burning; Wildfire	Miscellaneous	Wildfires; Inventory speciation	Biomass Burning
91106	Agricultural Burning - Composite	Combustion	Biomass Burning; Agriculture	Wheat; Barley; Rye; Fescue; Rice	Agricultural Burning; Inventory speciation	Biomass Burning
91107	Bituminous Combustion - Composite	Combustion	Electric Generation; Boiler	Coal	Bituminous Coal Combustion ; Inventory speciation	Coal Combustion
91108	Residential Wood Combustion - Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	Residential Wood Combustion ; Inventory speciation	Biomass Burning
91109	HDDV Exhaust - Composite	Combustion	Mobile; Onroad	Diesel	HDDV Exhaust; Inventory speciation	Traffic
91110	Construction Dust - Composite	Dust	Construction	Soil	Construction Dust; Inventory speciation	Dust
91111	Paved Road Dust - Composite	Dust	Road	Paved	Paved Road Dust; Inventory speciation	Dust
91112	Prescribed Burning - Composite	Combustion	Biomass Burning; Prescribed Fire	Miscellaneous	Prescribed Burning; Inventory speciation	Biomass Burning
91113	Sub-Bituminous Combustion - Composite	Combustion	Electric Generation; Boiler	Coal	Sub-Bituminous Coal Combustion	Coal Combustion

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					; Inventory speciation	
91114	Sand & Gravel - Composite	Dust	Geological	Road Salt; Sand; Gravel	Sand & Gravel; Inventory speciation	Dust
91115	Natural Gas Combustion - Composite	Combustion	Process Heater; Gas Turbine	Natural Gas; Refinery Process Gas	Natural Gas Combustion ; Inventory speciation	Industrial
91116	Nonroad Gasoline Exhaust - Composite	Combustion	Mobile	Gasoline	Nonroad Gasoline Exhaust; Inventory speciation	Traffic
91117	Wood Fired Boiler - Composite	Combustion	Industrial; Boiler	Wood	Wood Fired Boiler; Inventory speciation	Biomass Burning
91118	Distillate Oil Combustion - Composite	Combustion	Industrial; Boiler	Distillate Oil	Distillate Oil Combustion ; Inventory speciation	Industrial
91119	Charbroiling - Composite	Combustion	Cooking; Charbroiling; Stirfry; Smoke	Hamburger; Chicken	Charbroiling; Inventory speciation	Biomass Burning
91120	Residual Oil Combustion - Composite	Combustion	Boiler	Residual Oil	Residual Oil Combustion ; Inventory speciation	Industrial
91121	Dairy Soil - Composite	Dust	Agriculture	Soil	Dairy Soil; Inventory speciation	Dust
91122	Kraft Recovery Furnace - Composite	Combustion	Pulp And Paper; Furnace	Kraft Pulp	Kraft Recovery Furnace; Inventory speciation	Industrial
91123	Mineral Products - Avg - Composite	Dust	Mineral Products	Miscellaneous	Mineral Products - Avg; Inventory speciation	Dust
91124	Industrial	Dust	Industrial	Miscella	Industrial	Dust

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	Manufacturing - Avg - Composite			neous	Manufacturing - Avg; Inventory speciation	
91125	Onroad Gasoline Exhaust - Composite	Combustion	Mobile; Onroad	Gasoline	Onroad Gasoline Exhaust; Inventory speciation	Traffic
91126	Heat Treating - Composite	Dust	Heat Treating	Miscellaneous	Heat Treating; Inventory speciation	Dust
91127	Chemical Manufacturing - Avg - Composite	Volatilization	Chemical Manufacturing	Miscellaneous	Chemical Manufacturing - Avg; Inventory speciation	Industrial
91128	Lignite Combustion - Composite	Combustion	Electric Generation; Boiler	Coal	Lignite Combustion ; Inventory speciation	Coal Combustion
91130	Cement Production - Composite	Combustion	Mineral Products; Kiln	Cement	Cement Production; Inventory speciation	Industrial
91131	Wood Products - Drying - Composite	Combustion	Industrial; Wood Products	Wood; Particle Board	Wood Products; Drying; Inventory speciation	Industrial
91132	Surface Coating - Composite	Atomization	Surface Coating; Spraying	Water Based; Solvent Based	Surface Coating; Inventory speciation	Industrial
91133	Food & Ag - Handling - Composite	Dust	Agriculture; Silo	Feed And Grain	Food & Ag; Handling; Inventory speciation	Dust
91134	Wood Products- Sawing - Composite	Dust	Industrial; Wood Products	Sawdust	Wood Products- Sawing; Inventory speciation	Dust
91135	Aluminum Processing - Composite	Volatilization	Industrial; Metal	Aluminum	Aluminum Processing; Inventory speciation	Industrial

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91136	Open Hearth Furnace - Composite	Combustion	Industrial; Metal; Furnace	Iron And Steel	Open Hearth Furnace; Inventory speciation	Industrial
91137	Brake Lining Dust - Composite	Dust	Mobile; Onroad	Brake Wear	Brake Lining Dust; Inventory speciation	Dust
91138	Meat Frying - Composite	Combustion	Cooking; Frying	Meat	Meat Frying; Inventory speciation	Biomass Burning
91139	Process Gas Combustion - Composite	Combustion	Process Heater; Boiler	Refinery Process Gas	Process Gas Combustion ; Inventory speciation	Industrial
91140	Aluminum Production - Composite	Volatilization	Industrial; Metal	Aluminum	Aluminum Production; Inventory speciation	Industrial
91141	Lime Kiln - Composite	Combustion	Mineral Products; Kiln	Lime	Lime Kiln; Inventory speciation	Industrial
91142	Sintering Furnace - Composite	Ash	Industrial; Metal; Furnace; Sintering	Steel	Sintering Furnace; Inventory speciation	Industrial
91143	Charcoal Manufacturing - Composite	Combustion	Mineral Products; Furnace	Charcoal	Charcoal Manufacturing; Inventory speciation	Industrial
91144	Catalytic Cracking - Composite	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracking; Inventory speciation	Industrial
91145	Fiberglass Manufacturing - Composite	Dust	Mineral Products	Fiberglass	Fiberglass Manufacturing; Inventory speciation	Industrial
91146	Glass Furnace - Composite	Combustion	Mineral Products; Furnace	Glass	Glass Furnace; Inventory speciation	Industrial
91147	Pulp & Paper	Combustion	Pulp And	Miscella	Pulp &	Industrial

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	Mills - Composite		Paper	neous	Paper Mills; Inventory speciation	
91148	Petroleum Industry - Avg - Composite	Volatilization	Petrochemical	Miscellaneous	Petroleum Industry - Avg; Inventory speciation	Industrial
91149	Slash Burning - Composite	Combustion	Biomass Burning; Prescribed Fire; Slash	Miscellaneous	Slash Burning; Inventory speciation	Industrial
91151	Asphalt Roofing - Composite	Volatilization	Chemical Manufacturing	Asphalt Roofing	Asphalt Roofing; Inventory speciation	Industrial
91152	Inorganic Chemical Manufacturing - Composite	Dust	Chemical Manufacturing	Inorganic	Inorganic Chemical Manufacturing; Inventory speciation	Dust
91153	Tire Dust - Composite	Dust	Mobile; Onroad	Tire Wear	Tire Dust; Inventory speciation	Dust
91154	Ferromanganese Furnace - Composite	Combustion	Industrial; Metal; Furnace	Ferromanganese	Ferromanganese Furnace; Inventory speciation	Industrial
91155	Wood Products - Sanding - Composite	Dust	Sanding	Wood	Wood Products; Sanding; Inventory speciation	Dust
91156	Electric Arc Furnace - Composite	Ash	Industrial; Metal; Electric Arc Furnace	Iron And Steel	Electric Arc Furnace; Inventory speciation	Industrial
91157	Food & Ag-Drying - Composite	Dust	Agriculture	Rice	Food & Ag-Drying; Inventory speciation	Dust
91158	Residential Coal Combustion - Composite	Combustion	Residential	Coal	Residential Coal Combustion ; Inventory speciation	Coal Combustion

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91159	Residential Natural Gas Combustion - Composite	Combustion	Residential; Space Heater And Water Heater	Natural Gas	Residential Natural Gas Combustion ; Inventory speciation	Industrial
91160	Cast Iron Cupola - Composite	Combustion	Industrial; Metal; Cupola	Iron	Cast Iron Cupola; Inventory speciation	Industrial
91161	Copper Processing - Composite	Dust	Industrial; Metal	Copper	Copper Processing; Inventory speciation	Dust
91162	Asphalt Manufacturing - Composite	Volatilization	Mineral Products	Asphalt	Asphalt Manufacturing; Inventory speciation	Industrial
91163	Fly Ash - Composite	Ash	Industrial	Miscellaneous	Fly Ash; Inventory speciation	Industrial
91164	Sandblast - Composite	Dust	Industrial; Metal And Construction; Sandblasting	Miscellaneous	Sandblast; Inventory speciation	Dust
91165	LDDV Exhaust - Composite	Combustion	Mobile; Onroad; Light Duty; Medium Duty	Diesel	LDDV Exhaust; Inventory speciation	Traffic
91166	Ammonium Nitrate Production - Composite	Volatilization	Chemical Manufacturing	Ammonium Nitrate	Ammonium Nitrate Production; Inventory speciation	Industrial
91167	Limestone Dust - Composite	Dust	Mineral Products	Limestone	Limestone Dust; Inventory speciation	Dust
91168	Phosphate Manufacturing - Composite	Dust	Chemical Manufacturing	Phosphorous/phosphate	Phosphate Manufacturing; Inventory speciation	Dust
91169	Gypsum Manufacturing - Composite	Dust	Mineral Products	Gypsum	Gypsum Manufacturing; Inventory	Dust

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					speciation	
91170	Urea Fertilizer - Composite	Dust	Chemical Manufacturing	Fertilizer	Urea Fertilizer; Inventory speciation	Dust
91171	Lead Processing - Composite	Dust	Industrial; Metal	Lead	Lead Processing; Inventory speciation	Dust
91172	Crustal Material - Composite	Dust	Geological	Soil	Crustal Material; Inventory speciation	Dust
91173	Copper Production - Composite	Dust	Industrial; Metal	Copper	Copper Production; Inventory speciation	Dust
91174	Brick Grinding and Screening - Composite	Dust	Mineral Products	Brick	Brick Grinding and Screening; Inventory speciation	Dust
91175	Calcium Carbide Furnace - Composite	Combustion	Mineral Products; Furnace	Calcium Carbide	Calcium Carbide Furnace; Inventory speciation	Industrial
91176	Coke Calciner - Composite	Ash	Industrial; Metal; Calciner	Coke	Coke Calciner; Inventory speciation	Industrial
91178	Industrial Soil - Composite	Dust	Industrial	Soil	Industrial Soil; Inventory speciation	Dust
91179	Potato Deep Frying - Composite	Combustion	Cooking; Frying	Potato	Potato Deep Frying; Inventory speciation	Biomass Burning
91180	Sea Salt - Composite	Dust	Geological	Sea Salt	Sea Salt; Inventory speciation	Dust
91182	Lead Production - Composite	Dust	Industrial; Metal	Lead	Lead Production; Inventory speciation	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
91183	Steel Desulfurization - Composite	Ash	Industrial; Metal	Steel	Steel Desulfurization; Inventory speciation	Industrial
92000	Auto Body Shredding - Composite	Dust	Industrial; Shredding	Autobody	Auto Body Shredding; Inventory speciation	Dust
92001	Ammonium Sulfate Production - Composite	Volatilization	Chemical Manufacturing	Ammonium Sulfate	Ammonium Sulfate Production; Inventory speciation	Industrial
92002	Inorganic Fertilizer - Composite	Dust	Chemical Manufacturing	Fertilizer	Inorganic Fertilizer; Inventory speciation	Dust
92003	Boric Acid Manufacturing - Composite	Volatilization	Chemical Manufacturing	Boric Acid	Boric Acid Manufacturing; Inventory speciation	Industrial
92004	Draft Agricultural Burning - Simplified	Combustion	Biomass Burning; Agriculture	Wheat; Barley; Rye; Fescue; Rice	Agricultural Burning; PM Simplified	Biomass Burning
92005	Draft Agricultural Soil - Simplified	Dust	Agriculture	Soil	Agricultural Soil; PM Simplified	Dust
92006	Draft Aluminum Production - Simplified	Dust	Industrial; Metal	Aluminum	Aluminum Production; PM Simplified	Dust
92007	Draft Ammonium Nitrate Production - Simplified	Dust	Chemical Manufacturing	Ammonium Nitrate	Ammonium Nitrate Production; PM Simplified	Dust
92008	Draft Ammonium Sulfate Production - Simplified	Dust	Chemical Manufacturing	Ammonium Sulfate	Ammonium Sulfate Production; PM Simplified	Dust
92009	Draft Asphalt Manufacturing - Simplified	Dust	Mineral Products	Asphalt	Asphalt Manufacturing; PM	Dust



Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					Simplified	
92010	Draft Asphalt Roofing - Simplified	Dust	Chemical Manufacturing	Asphalt Roofing	Asphalt Roofing; PM Simplified	Dust
92011	Draft Auto Body Shredding - Simplified	Dust	Industrial; Shredding	Autobody	Auto Body Shredding; PM Simplified	Dust
92012	Draft Boric Acid Manufacturing - Simplified	Dust	Chemical Manufacturing	Boric Acid	Boric Acid Manufacturing; PM Simplified	Dust
92013	Draft Brake Lining Dust - Simplified	Dust	Mobile; Onroad	Brake Wear	Brake Lining Dust; PM Simplified	Dust
92014	Draft Brick Grinding and Screening - Simplified	Dust	Mineral Products	Brick	Brick Grinding and Screening; PM Simplified	Dust
92015	Draft Calcium Carbide Furnace - Simplified	Combustion	Mineral Products; Furnace	Calcium Carbide	Calcium Carbide Furnace; PM Simplified	Industrial
92016	Draft Cast Iron Cupola - Simplified	Combustion	Industrial; Metal; Cupola	Iron	Cast Iron Cupola; PM Simplified	Industrial
92017	Draft Catalytic Cracking - Simplified	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracking; PM Simplified	Industrial
92018	Draft Cement Production - Simplified	Combustion	Mineral Products; Kiln	Cement	Cement Production; PM Simplified	Industrial
92019	Draft Charbroiling - Simplified	Combustion	Cooking; Charbroiling; Stirfry; Smoke	Hamburger; Chicken	Charbroiling; PM Simplified	Coal Combustion
92020	Draft Charcoal Manufacturing - Simplified	Combustion	Mineral Products; Furnace	Charcoal	Charcoal Manufacturing; PM Simplified	Coal Combustion

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92022	Draft Chem Manuf - Avg - Simplified	Dust	Chemical Manufacturing	Miscellaneous	Chem Manuf; PM Avg; PM Simplified	Dust
92025	Draft Coke Calciner - Simplified	Ash	Industrial; Metal; Calciner	Coke	Coke Calciner; PM Simplified	Industrial
92026	Draft Construction Dust - Simplified	Dust	Construction	Soil	Construction Dust; PM Simplified	Dust
92027	Draft Crustal Material - Simplified	Dust	Geological	Soil	Crustal Material; PM Simplified	Dust
92028	Draft Dairy Soil - Simplified	Dust	Agriculture	Soil	Dairy Soil; PM Simplified	Dust
92029	Draft Distillate Oil Combustion - Simplified	Combustion	Industrial; Boiler	Distillate Oil	Distillate Oil Combustion ; PM Simplified	Industrial
92030	Draft Electric Arc Furnace - Simplified	Ash	Industrial; Metal; Electric Arc Furnace	Iron And Steel	Electric Arc Furnace; PM Simplified	Industrial
92031	Draft Ferromanganese Furnace - Simplified	Combustion	Industrial; Metal; Furnace	Ferromanganese	Ferromanganese Furnace; PM Simplified	Industrial
92032	Draft Fiberglass Manufacture - Simplified	Dust	Mineral Products	Fiberglass	Fiberglass Manufacture; PM Simplified	Dust
92033	Draft Fly Ash - Simplified	Ash	Industrial	Miscellaneous	Fly Ash; PM Simplified	Industrial
92034	Draft Food & Ag - Handling - Simplified	Dust	Agriculture; Silo	Feed And Grain	Food & Ag; PM Handling; PM Simplified	Dust
92035	Draft Food & Ag - Drying - Simplified	Dust	Agriculture	Rice	Food & Ag; PM Drying; PM	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					Simplified	
92037	Draft Glass Furnace - Simplified	Combustion	Mineral Products; Furnace	Glass	Glass Furnace; PM Simplified	Industrial
92038	Draft Gypsum Manufacture - Simplified	Dust	Mineral Products	Gypsum	Gypsum Manufacture; PM Simplified	Dust
92039	Draft HDDV Exhaust - Simplified	Combustion	Mobile; Onroad; Heavy Duty	Diesel	HDDV Exhaust; PM Simplified	Traffic
92040	Draft Heat Treating - Simplified	Dust	Heat Treating	Miscellaneous	Heat Treating; PM Simplified	Dust
92041	Draft Ind Manuf - Avg. - Simplified	Dust	Industrial	Miscellaneous	Ind Manuf; PM Avg.; PM Simplified	Dust
92042	Draft Industrial Soil - Simplified	Dust	Industrial	Soil	Industrial Soil; PM Simplified	Dust
92044	Draft Inorganic Chemical Manufacture - Simplified	Dust	Chemical Manufacturing	Inorganic	Inorganic Chemical Manufacture; PM Simplified	Dust
92045	Draft Inorganic Fertilizer - Simplified	Dust	Chemical Manufacturing	Fertilizer	Inorganic Fertilizer; PM Simplified	Dust
92046	Draft Kraft Recovery Furnace - Simplified	Combustion	Pulp And Paper; Furnace	Kraft Pulp	Kraft Recovery Furnace; PM Simplified	Industrial
92047	Draft LDDV Exhaust - Simplified	Combustion	Mobile; Onroad; Light Duty; Medium Duty	Diesel	LDDV Exhaust; PM Simplified	Traffic
92048	Draft Lime Kiln - Simplified	Combustion	Mineral Products; Kiln	Lime	Lime Kiln; PM Simplified	Industrial
92049	Draft Limestone	Dust	Mineral	Limestone	Limestone	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	Dust - Simplified		Products	e	Dust; PM Simplified	
92050	Draft Meat Frying - Simplified	Combustion	Cooking; Frying	Meat	Meat Frying; PM Simplified	Biomass Burning
92051	Draft Mineral Products - Avg - Simplified	Dust	Mineral Products	Miscellaneous	Mineral Products; PM Avg; PM Simplified	Dust
92052	Draft Natural Gas Combustion - Simplified	Combustion	Process Heater; Gas Turbine	Natural Gas; Refinery Process Gas	Natural Gas Combustion ; PM Simplified	Industrial
92053	Draft Non-catalyst Gasoline Exhaust - Simplified	Combustion	Mobile	Gasoline	Non-catalyst Gasoline Exhaust; PM Simplified	Traffic
92054	Draft Onroad Gasoline Exhaust - Simplified	Combustion	Mobile; Onroad	Gasoline	Onroad Gasoline Exhaust; PM Simplified	Traffic
92055	Draft Open Hearth Furnace - Simplified	Combustion	Industrial; Metal; Furnace	Iron And Steel	Open Hearth Furnace; PM Simplified	Industrial
92056	Draft Overall Average/Default - Simplified	Miscellaneous	Miscellaneous	Miscellaneous	Overall Average/Default; PM Simplified	Industrial
92057	Draft Paved Road Dust - Simplified	Dust	Road	Paved	Paved Road Dust; PM Simplified	Dust
92058	Draft Petroleum Ind - Avg - Simplified	Dust	Petrochemical	Miscellaneous	Petroleum Ind; PM Avg; PM Simplified	Dust
92059	Draft Phosphate Manuf - Simplified	Dust	Chemical Manufacturing	Phosphorous/phosphate	Phosphate Manuf; PM Simplified	Dust
92060	Draft PMControlledLigniteCombustio	Combustion	Electric Generation; Boiler	Coal	PMControlledLigniteCombustion;	Coal Combustion

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	n - Simplified				PM Simplified	
92061	Draft PMSO2 Controlled Lignite Combustion - Simplified	Combustion	Electric Generation; Boiler	Coal	PMSO2 Controlled Lignite Combustion; PM Simplified	Coal Combustion
92062	Draft Potato Deep-Frying - Simplified	Combustion	Cooking; Frying	Potato	Potato Deep-Frying; PM Simplified	Biomass Burning
92063	Draft Prescribed Burning - Simplified	Combustion	Biomass Burning; Prescribed Fire	Miscellaneous	Prescribed Burning; PM Simplified	Biomass Burning
92064	Draft Process Gas Combustion - Simplified	Combustion	Process Heater; Boiler	Refinery Process Gas	Process Gas Combustion ; PM Simplified	Industrial
92065	Draft Pulp & Paper -Avg. - Simplified	Combustion	Pulp And Paper	Miscellaneous	Pulp & Paper - Avg.; PM Simplified	Industrial
92066	Draft Residential Coal Combustion - Simplified	Combustion	Residential	Coal	Residential Coal Combustion ; PM Simplified	Coal Combustion
92067	Draft Residential Natural Gas Combustion - Simplified	Combustion	Residential; Space Heater And Water Heater	Natural Gas	Residential Natural Gas Combustion ; PM Simplified	Industrial
92068	Draft Residential Wood Combustion: Almond - Simplified	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Almond	Residential Wood Combustion : Almond; PM Simplified	Biomass Burning
92069	Draft Residential Wood Combustion: Cedar - Simplified	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Cedar	Residential Wood Combustion : Cedar; PM Simplified	Biomass Burning
92070	Draft Residential Wood	Combustion	Biomass Burning; Residential	Hardwood; Eucalypt	Residential Wood Combustion	Biomass Burning

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	Combustion: Eucalyptus - Simplified		Wood Combustion; Woodstove	us	: Eucalyptus; PM Simplified	
92071	Draft Residential Wood Combustion: Hard - Simplified	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Hardwood	Residential Wood Combustion : Hard; PM Simplified	Biomass Burning
92072	Draft Residential Wood Combustion: HardSoft - Simplified	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	Residential Wood Combustion : HardSoft; PM Simplified	Biomass Burning
92073	Draft Residential Wood Combustion: HardSoftN/A - Simplified	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	Residential Wood Combustion : HardSoftN/ A; PM Simplified	Biomass Burning
92074	Draft Residential Wood Combustion: Soft - Simplified	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Miscellaneous	Residential Wood Combustion : Soft; PM Simplified	Biomass Burning
92075	Draft Residential Wood Combustion: Synthetic - Simplified	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Synthetic Wood	Residential Wood Combustion : Synthetic; PM Simplified	Biomass Burning
92076	Draft Residual Oil Combustion - Simplified	Combustion	Boiler	Residual Oil	Residual Oil Combustion ; PM Simplified	Industrial
92077	Draft Sand & Gravel - Simplified	Dust	Geological	Road Salt; Sand; Gravel	Sand & Gravel; PM Simplified	Dust
92078	Draft Sandblast	Dust	Industrial;	Miscella	Sandblast;	Dust

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	- Simplified		Metal And Construction; Sandblasting	neous	PM Simplified	
92079	Draft Sea Salt - Simplified	Dust	Geological	Sea Salt	Sea Salt; PM Simplified	Dust
92080	Draft Secondary Aluminum - Simplified	Dust	Industrial; Metal	Aluminum	Secondary Aluminum; PM Simplified	Dust
92081	Draft Secondary Copper - Simplified	Dust	Industrial; Metal	Copper	Secondary Copper; PM Simplified	Dust
92082	Draft Secondary Lead - Simplified	Combustion	Industrial; Metal	Lead	Secondary Lead; PM Simplified	Industrial
92083	Draft Sintering Furnace - Simplified	Ash	Industrial; Metal; Furnace; Sintering	Steel	Sintering Furnace; PM Simplified	Industrial
92084	Draft Slash Burning - Simplified	Combustion	Biomass Burning; Prescribed Fire; Slash	Miscellaneous	Slash Burning; PM Simplified	Biomass Burning
92087	Draft Steel Desulfurization - Simplified	Ash	Industrial; Metal; Baghouse	Steel	Steel Desulfurization; PM Simplified	Industrial
92088	Draft SubBituminous Combustion - Simplified	Combustion	Electric Generation; Boiler	Coal	SubBituminous Coal Combustion; PM Simplified	Coal Combustion
92089	Draft Surface Coating - Simplified	Atomization	Surface Coating; Spraying	Water Based; Solvent Based	Surface Coating; PM Simplified	Industrial
92090	Draft Tire Burning - Simplified	Dust	Mobile; Onroad	Tire Wear	Tire Burning; PM Simplified	Dust
92091	Draft Tire Dust - Simplified	Dust	Mobile; Onroad	Tire Wear	Tire Dust; PM Simplified	Dust
92092	Draft Unpaved Road Dust - Simplified	Dust	Road	Unpaved	Unpaved Road Dust; PM Simplified	Dust

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92093	Draft Urea Fertilizer - Simplified	Dust	Chemical Manufacturing	Fertilizer	Urea Fertilizer; PM Simplified	Dust
92094	Draft Wildfires - Simplified	Combustion	Biomass Burning; Wildfire	Miscellaneous	Wildfires; PM Simplified	Biomass Burning
92095	Draft Wood Fired Boiler - Simplified	Combustion	Industrial; Boiler	Wood	Wood Fired Boiler; PM Simplified	Biomass Burning
92100	Draft Wood Product Drying - Simplified	Dust	Industrial; Wood Products	Wood; Particle Board	Wood Product Drying; PM Simplified	Dust
92101	Draft Wood Product Sanding - Simplified	Dust	Sanding	Wood	Wood Product Sanding; PM Simplified	Dust
92102	Draft Wood Product Sawing - Simplified	Dust	Industrial; Wood Products	Sawdust	Wood Product Sawing; PM Simplified	Dust
92103	Draft Bituminous Coal Combustion - Simplified	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Utility	Coal Combustion
92104	Unpaved Road Dust - Simplified	Dust	Road	Unpaved	Unpaved Road Dust	Dust
92105	Agricultural Soil - Simplified	Dust	Agriculture	Soil	Agricultural Soil	Dust
92106	Wildfires - Simplified	Combustion	Biomass Burning; Wildfire	Miscellaneous	Wildfires	Biomass Burning
92107	Agricultural Burning - Simplified	Combustion	Biomass Burning; Agriculture	Wheat; Barley; Rye; Fescue; Rice	Agricultural Burning	Dust
92108	Bituminous Coal Combustion - Simplified	Combustion	Electric Generation; Boiler	Coal	Bituminous Coal Combustion	Coal Combustion
92109	Residential Wood Combustion -	Combustion	Biomass Burning; Residential	Miscellaneous	Residential Wood Combustion	Biomass Burning



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	Simplified		Wood Combustion; Fireplace; Woodstove			
92110	HDDV Exhaust - Simplified	Combustion	Mobile; Onroad; Heavy Duty	Diesel	HDDV Exhaust	Traffic
92111	Construction Dust - Simplified	Dust	Construction	Soil	Construction Dust	Dust
92112	Paved Road Dust - Simplified	Dust	Road	Paved	Paved Road Dust	Dust
92113	Prescribed Burning - Simplified	Combustion	Biomass Burning; Prescribed Fire	Miscellaneous	Prescribed Burning	Biomass Burning
92114	Sub-Bituminous Combustion - Simplified	Combustion	Electric Generation; Boiler	Coal	Sub-Bituminous Coal Combustion	Coal Combustion
92115	Sand & Gravel - Simplified	Dust	Geological	Road Salt; Sand; Gravel	Sand & Gravel	Dust
92116	Natural Gas Combustion - Simplified	Combustion	Process Heater; Gas Turbine	Natural Gas; Refinery Process Gas	Natural Gas Combustion	Industrial
92117	Nonroad Gasoline Exhaust - Simplified	Combustion	Mobile	Gasoline	Nonroad Gasoline Exhaust	Traffic
92118	Wood Fired Boiler - Simplified	Combustion	Industrial; Boiler	Wood	Wood Fired Boiler	Biomass Burning
92119	Distillate Oil Combustion - Simplified	Combustion	Industrial; Boiler	Distillate Oil	Distillate Oil Combustion	Industrial
92120	Charbroiling - Simplified	Combustion	Cooking; Charbroiling; Stirfry; Smoke	Hamburger; Chicken	Charbroiling	Biomass Burning
92121	Residual Oil Combustion - Simplified	Combustion	Boiler	Residual Oil	Residual Oil Combustion	Industrial

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92122	Dairy Soil - Simplified	Dust	Agriculture	Soil	Dairy Soil	Dust
92123	Kraft Recovery Furnace - Simplified	Combustion	Pulp And Paper; Furnace	Kraft Pulp	Kraft Recovery Furnace	Industrial
92124	Mineral Products - Avg - Simplified	Dust	Mineral Products	Miscellaneous	Mineral Products - Avg	Dust
92125	Industrial Manufacturing - Avg - Simplified	Dust	Industrial	Miscellaneous	Industrial Manufacturing - Avg	Dust
92126	Onroad Gasoline Exhaust - Simplified	Combustion	Mobile; Onroad	Gasoline	Onroad Gasoline Exhaust	Traffic
92127	Heat Treating - Simplified	Dust	Heat Treating	Miscellaneous	Heat Treating	Dust
92128	Chemical Manufacturing - Avg - Simplified	Volatilization	Chemical Manufacturing	Miscellaneous	Chemical Manufacturing - Avg	Industrial
92129	Lignite Combustion - Simplified	Combustion	Electric Generation; Boiler	Coal	Lignite Combustion	Coal Combustion
92131	Cement Production - Simplified	Combustion	Mineral Products; Kiln	Cement	Cement Production	Industrial
92132	Wood Products - Drying - Simplified	Combustion	Industrial; Wood Products	Wood; Particle Board	Wood Products - Drying	Industrial
92133	Surface Coating - Simplified	Atomization	Surface Coating; Spraying	Water Based; Solvent Based	Surface Coating	Industrial
92134	Food & Ag - Handling - Simplified	Dust	Agriculture; Silo	Feed And Grain	Food & Ag - Handling	Dust
92135	Wood Products - Sawing - Simplified	Dust	Industrial; Wood Products	Sawdust	Wood Products-Sawing	Dust
92136	Aluminum Processing - Simplified	Volatilization	Industrial; Metal	Aluminum	Aluminum Processing	Industrial
92137	Open Hearth Furnace - Simplified	Combustion	Industrial; Metal; Furnace	Iron And Steel	Open Hearth Furnace	Industrial
92138	Brake Lining Dust -	Dust	Mobile; Onroad	Brake Wear	Brake Lining Dust	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	Simplified					
92139	Meat Frying - Simplified	Combustion	Cooking; Frying	Meat	Meat Frying	Biomass Burning
92140	Process Gas Combustion - Simplified	Combustion	Process Heater; Boiler	Refinery Process Gas	Process Gas Combustion	Industrial
92141	Aluminum Production - Simplified	Volatilization	Industrial; Metal	Aluminum	Aluminum Production	Industrial
92142	Lime Kiln - Simplified	Combustion	Mineral Products; Kiln	Lime	Lime Kiln	Industrial
92143	Sintering Furnace - Simplified	Ash	Industrial; Metal; Furnace; Sintering	Steel	Sintering Furnace	Industrial
92144	Charcoal Manufacturing - Simplified	Combustion	Mineral Products; Furnace	Charcoal	Charcoal Manufacturing	Biomass Burning
92145	Catalytic Cracking - Simplified	Chemical Reaction	Petrochemical; Catalytic Cracker	Petroleum Products	Catalytic Cracking	Industrial
92146	Fiberglass Manufacturing - Simplified	Dust	Mineral Products	Fiberglass	Fiberglass Manufacturing	Dust
92147	Glass Furnace - Simplified	Combustion	Mineral Products; Furnace	Glass	Glass Furnace	Industrial
92148	Pulp & Paper Mills - Simplified	Combustion	Pulp And Paper	Miscellaneous	Pulp & Paper Mills	Industrial
92149	Petroleum Industry - Avg - Simplified	Volatilization	Petrochemical	Miscellaneous	Petroleum Industry - Avg	Industrial
92150	Slash Burning - Simplified	Combustion	Biomass Burning; Prescribed Fire; Slash	Miscellaneous	Slash Burning	Biomass Burning
92151	Misc. Sources - Simplified	Miscellaneous	Miscellaneous	Miscellaneous	Misc. Sources	Industrial
92152	Asphalt Roofing - Simplified	Volatilization	Chemical Manufacturing	Asphalt Roofing	Asphalt Roofing	Industrial
92153	Inorganic Chemical Manufacturing - Simplified	Dust	Chemical Manufacturing	Inorganic	Inorganic Chemical Manufacturing	Dust

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92154	Tire Dust - Simplified	Dust	Mobile; Onroad	Tire Wear	Tire Dust	Dust
92155	Ferromanganese Furnace - Simplified	Combustion	Industrial; Metal; Furnace	Ferromanganese	Ferromanganese Furnace	Industrial
92156	Wood Products - Sanding - Simplified	Dust	Sanding	Wood	Wood Products - Sanding	Dust
92157	Electric Arc Furnace - Simplified	Ash	Industrial; Metal; Electric Arc Furnace	Iron And Steel	Electric Arc Furnace	Industrial
92158	Food & Ag-Drying - Simplified	Dust	Agriculture; Silo	Feed And Grain	Food & Ag-Drying	Dust
92159	Residential Coal Combustion - Simplified	Combustion	Residential Heating	Coal	Residential Coal Combustion	Coal Combustion
92160	Residential Natural Gas Combustion - Simplified	Combustion	Residential; Space Heater And Water Heater	Natural Gas	Residential Natural Gas Combustion	Biomass Burning
92161	Cast Iron Cupola - Simplified	Combustion	Industrial; Metal; Cupola	Iron	Cast Iron Cupola	Industrial
92162	Copper Processing - Simplified	Dust	Industrial; Metal	Copper	Copper Processing	Dust
92163	Asphalt Manufacturing - Simplified	Volatilization	Mineral Products	Asphalt	Asphalt Manufacturing	Industrial
92164	Fly Ash - Simplified	Ash	Industrial	Miscellaneous	Fly Ash	Industrial
92165	Sandblast - Simplified	Dust	Industrial; Metal And Construction; Sandblasting	Miscellaneous	Sandblast	Dust
92166	LDDV Exhaust - Simplified	Combustion	Mobile; Onroad; Light Duty; Medium Duty	Diesel	LDDV Exhaust	Traffic
92167	Ammonium Nitrate Production - Simplified	Volatilization	Chemical Manufacturing	Ammonium Nitrate	Ammonium Nitrate Production	Industrial
92168	Limestone Dust	Dust	Mineral	Limestone	Limestone	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
	- Simplified		Products	e	Dust	
92169	Phosphate Manufacturing - Simplified	Dust	Chemical Manufacturing	Phosphorous/phosphate	Phosphate Manufacturing	Dust
92170	Gypsum Manufacturing - Simplified	Dust	Mineral Products	Gypsum	Gypsum Manufacturing	Dust
92171	Urea Fertilizer - Simplified	Dust	Chemical Manufacturing	Fertilizer	Urea Fertilizer	Dust
92172	Lead Processing - Simplified	Dust	Industrial; Metal	Lead	Lead Processing	Dust
92173	Crustal Material - Simplified	Dust	Geological	Soil	Crustal Material	Dust
92174	Copper Production - Simplified	Dust	Industrial; Metal	Copper	Copper Production	Dust
92175	Brick Grinding and Screening - Simplified	Dust	Mineral Products	Brick	Brick Grinding and Screening	Dust
92176	Calcium Carbide Furnace - Simplified	Combustion	Mineral Products; Furnace	Calcium Carbide	Calcium Carbide Furnace	Industrial
92177	Coke Calciner - Simplified	Ash	Industrial; Metal; Calciner	Coke	Coke Calciner	Industrial
92178	Industrial Soil - Simplified	Dust	Industrial	Soil	Industrial Soil	Dust
92179	Potato Deep Frying - Simplified	Combustion	Cooking; Frying	Potato	Potato Deep Frying	Biomass Burning
92180	Sea Salt - Simplified	Dust	Geological	Sea Salt	Sea Salt	Dust
92182	Lead Production - Simplified	Dust	Industrial; Metal	Lead	Lead Production	Dust
92183	Steel Desulfurization - Simplified	Ash	Industrial; Metal; Baghouse	Steel	Steel Desulfurization	Industrial
92200	Auto Body Shredding - Simplified	Dust	Industrial; Shredding	Autobody	Auto Body Shredding	Dust
95000	Ammonium Sulfate Production - Simplified	Volatilization	Chemical Manufacturing	Ammonium Sulfate	Ammonium Sulfate Production	Industrial
95001	Inorganic	Dust	Chemical	Fertilizer	Inorganic	Dust

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	Fertilizer - Simplified		Manufacturing		Fertilizer	
95002	Boric Acid Manufacturing - Simplified	Volatilization	Chemical Manufacturing	Boric Acid	Boric Acid Manufacturing	Industrial
95003	Marine Vessel - Main Engine - Heavy Fuel Oil - Simplified	Combustion	Mobile; Marine	Heavy Fuel Oil	Marine Vessel; Main Engine; Heavy Fuel Oil	Traffic
95004	Indoor Open Wood Cooking Fire	Combustion	Cooking; Open Stove	Oak; Pine	Indoor Open Wood Cooking Fire	Biomass Burning
95005	Indoor Open Wood Cooking Fire	Combustion	Cooking; Open Stove	Oak; Pine	Indoor Open Wood Cooking Fire	Biomass Burning
95006	Indoor Open Wood Cooking Fire	Combustion	Cooking; Open Stove	Oak; Pine	Indoor Open Wood Cooking Fire	Biomass Burning
95007	Indoor Open Wood Cooking Fire	Combustion	Cooking; Open Stove	Oak; Pine	Indoor Open Wood Cooking Fire	Biomass Burning
95008	Indoor Open Wood Cooking Fire	Combustion	Cooking; Open Stove	Oak; Pine	Indoor Open Wood Cooking Fire	Biomass Burning
95012	Brick Making Kiln	Combustion	Industrial; Mineral Products; Kiln	Brick	Brick Making Kiln	Industrial
95013	Brick Making Kiln	Combustion	Industrial; Mineral Products; Kiln	Brick	Brick Making Kiln	Industrial
95014	Charcoal Making Kiln	Combustion	Chemical Manufacturing; Kiln	Charcoal	Charcoal Making Kiln	Industrial
95015	Charcoal Making Kiln	Combustion	Chemical Manufacturing; Kiln	Charcoal	Charcoal Making Kiln	Industrial
95016	Barley Stubble Field Burning	Combustion	Biomass Burning; Agriculture	Barley	Barley Stubble Field	Biomass Burning

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					Burning; Agriculture Residue	
95017	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E0 gasoline; (-7 oC)	Traffic
95018	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E0 gasoline; (-7 oC)	Traffic
95019	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E0 gasoline; (-7 oC)	Traffic
95020	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E0 gasoline; (-7 oC)	Traffic
95021	Gasoline Exhaust SVOC - LA92 UDC	Combustion	Mobile; Onroad	Gasoline; Ethanol; Cold	Gasoline Exhaust SVOC;	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	cycle cold start (phase 1) - E10 gasoline - (-7 oC)			Start	LA92 UDC cycle; cold start (phase 1); E10 gasoline; (-7 oC)	
95022	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E10 gasoline; (-7 oC)	Traffic
95023	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E10 gasoline; (-7 oC)	Traffic
95024	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E10 gasoline; (-7 oC)	Traffic
95025	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E85 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E85	Traffic



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
					gasoline; (-7 oC)	
95026	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E85 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E85 gasoline; (-7 oC)	Traffic
95027	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E85 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E85 gasoline; (-7 oC)	Traffic
95028	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E85 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E85 gasoline; (-7 oC)	Traffic
95029	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E0 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E0 gasoline; (24 oC)	Traffic
95030	Gasoline Exhaust SVOC -	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust	Traffic

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	LA92 UDC cycle hot-stabilized phase (phase 2) - E0 gasoline - (24 oC)				SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E0 gasoline; (24 oC)	
95031	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E0 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E0 gasoline; (24 oC)	Traffic
95032	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E0 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E0 gasoline; (24 oC)	Traffic
95033	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E10 gasoline; (24 oC)	Traffic
95034	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2);	Traffic

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
					E10 gasoline; (24 oC)	
95035	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E10 gasoline; (24 oC)	Traffic
95036	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E10 gasoline; (24 oC)	Traffic
95037	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E85 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E85 gasoline; (24 oC)	Traffic
95038	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E85 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E85 gasoline; (24 oC)	Traffic
95039	Gasoline	Combustion	Mobile;	Gasoline;	Gasoline	Traffic

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	Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E85 gasoline - (24 oC)		Onroad	Ethanol	Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E85 gasoline; (24 oC)	
95040	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E85 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E85 gasoline; (24 oC)	Traffic
95041	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E0 gasoline; (-7 oC)	Traffic
95042	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E0 gasoline; (-7 oC)	Traffic
95043	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start	Traffic

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	hot-stabilized phase (phase 34) - E0 gasoline - (-7 oC)				transient phase combined with hot-stabilized phase (phase 34); E0 gasoline; (-7 oC)	
95044	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E0 gasoline; (-7 oC)	Traffic
95045	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E10 gasoline; (-7 oC)	Traffic
95046	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E10 gasoline; (-7 oC)	Traffic
95047	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized	Traffic

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					phase (phase 34); E10 gasoline; (-7 oC)	
95048	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E10 gasoline; (-7 oC)	Traffic
95049	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E85 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E85 gasoline; (-7 oC)	Traffic
95050	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E85 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E85 gasoline; (-7 oC)	Traffic
95051	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E85 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E85 gasoline; (-	Traffic

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					7 oC)	
95052	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E85 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E85 gasoline; (-7 oC)	Traffic
95053	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E0 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E0 gasoline; (24 oC)	Traffic
95054	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E0 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E0 gasoline; (24 oC)	Traffic
95055	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E0 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E0 gasoline; (24 oC)	Traffic
95056	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E0	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; phase	Traffic

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	gasoline - (24 oC)				1234; E0 gasoline; (24 oC)	
95057	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E10 gasoline; (24 oC)	Traffic
95058	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E10 gasoline; (24 oC)	Traffic
95059	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E10 gasoline; (24 oC)	Traffic
95060	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E10 gasoline; (24 oC)	Traffic
95061	Gasoline	Combustion	Mobile;	Gasoline;	Gasoline	Traffic



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	Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E85 gasoline - (24 oC)		Onroad	Ethanol; Cold Start	Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E85 gasoline; (24 oC)	
95062	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E85 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E85 gasoline; (24 oC)	Traffic
95063	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E85 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E85 gasoline; (24 oC)	Traffic
95064	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E85 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E85 gasoline; (24 oC)	Traffic
95065	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E0	Combustion	Mobile; Onroad	Gasoline; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold	Traffic

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	gasoline - (-7 oC)				start (phase 1); E0 gasoline; (-7 oC)	
95066	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E0 gasoline; (-7 oC)	Traffic
95067	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E0 gasoline; (-7 oC)	Traffic
95068	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E0 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E0 gasoline; (-7 oC)	Traffic
95069	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E10 gasoline; (-7 oC)	Traffic
95072	Gasoline Exhaust SVOC -	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust	Traffic

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	LA92 UDC cycle hot-stabilized phase (phase 2) - E10 gasoline - (-7 oC)				SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E10 gasoline; (-7 oC)	
95073	Gasoline Exhaust SVOC - LA92 UDC cycle warm-start transient phase combined with hot-stabilized phase (phase 34) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; warm-start transient phase combined with hot-stabilized phase (phase 34); E10 gasoline; (-7 oC)	Traffic
95074	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E10 gasoline - (-7 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E10 gasoline; (-7 oC)	Traffic
95076	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E0 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E0 gasoline; (24 oC)	Traffic
95125	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E0 gasoline - (24	Combustion	Mobile; Onroad	Gasoline	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E0	Traffic

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	oC)				gasoline; (24 oC)	
95126	Gasoline Exhaust SVOC - LA92 UDC cycle cold start (phase 1) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol; Cold Start	Gasoline Exhaust SVOC; LA92 UDC cycle; cold start (phase 1); E10 gasoline; (24 oC)	Traffic
95127	Gasoline Exhaust SVOC - LA92 UDC cycle hot-stabilized phase (phase 2) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; hot-stabilized phase (phase 2); E10 gasoline; (24 oC)	Traffic
95128	Gasoline Exhaust SVOC - LA92 UDC cycle (phase 1234) - E10 gasoline - (24 oC)	Combustion	Mobile; Onroad	Gasoline; Ethanol	Gasoline Exhaust SVOC; LA92 UDC cycle; phase 1234; E10 gasoline; (24 oC)	Traffic
95147	Gas-fired boiler exhaust	Combustion	Boiler	Natural Gas; Refinery Process Gas	Gas-fired boiler exhaust	Industrial
95148	Gas-fired process heater exhaust	Combustion	Process Heater	Natural Gas; Refinery Process Gas	Gas-fired process heater exhaust	Industrial
95149	Gas-fired internal combustion combined cycle/cogeneration plant exhaust	Combustion	Turbine	Natural Gas; Refinery Process Gas	Gas-fired internal combustion combined cycle/cogeneration plant exhaust	Industrial

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95150	Institutional boiler exhaust fueled with No. 6 oil	Combustion	Boiler	Residual Oil	Institutional boiler exhaust fueled with No. 6 oil	Industrial
95151	Biomass Burning - ponderosa pine wood	Combustion	Biomass Burning; Wildfire	Ponderosa Pine Wood (western)	Biomass Burning; ponderosa pine wood	Biomass Burning
95152	Biomass Burning - ponderosa pine needles	Combustion	Biomass Burning; Wildfire	Ponderosa Pine Needles (western)	Biomass Burning; ponderosa pine needles	Biomass Burning
95153	Biomass Burning - white pine needles	Combustion	Biomass Burning; Wildfire; Prescribed Fire	White Pine Needles (northeast)	Biomass Burning; White pine needles	Biomass Burning
95154	Biomass Burning - sagebrush	Combustion	Biomass Burning; Wildfire	Sage Brush (western)	Biomass Burning; sagebrush	Biomass Burning
95155	Biomass Burning - excelsior	Combustion	Biomass Burning; Wildfire; Prescribed Fire	Excelsior	Biomass Burning; excelsior	Biomass Burning
95162	Biomass Burning - Dambo grass	Combustion	Biomass Burning; Wildfire; Prescribed Fire	Dambo Grass	Biomass Burning; Dambo grass	Biomass Burning
95167	Biomass Burning - Montana grass	Combustion	Biomass Burning; Wildfire	Montana Grass (western)	Biomass Burning; Montana grass	Biomass Burning
95171	Biomass Burning - tundra core	Combustion	Biomass Burning; Wildfire	Tundra Core	Biomass Burning; tundra core	Biomass Burning
95182	Prescribed Burning	Combustion	Biomass Burning; Prescribed Fire	Pine Dominated Forest	Prescribed Burning	Biomass Burning
95183	Welding Fume - High Heat - UONI 13/45 Electrode	Combustion	Industrial; Metal	Electrode	Welding Fume	Industrial
95184	Welding Fume - High Heat -	Combustion	Industrial; Metal	Electrode	Welding Fume	Industrial

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	ANO-4 Electrode					
95185	Welding Fume - High Heat - ANO-4i Electrode	Combustion	Industrial; Metal	Electrode	Welding Fume	Industrial
95186	Residential Wood Stove Combustion - White Oak	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	White Oak	Residential Wood Stove Combustion ; White Oak	Biomass Burning
95187	Residential Wood Stove Combustion - White Oak	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	White Oak	Residential Wood Stove Combustion ; White Oak	Biomass Burning
95188	Residential Wood Stove Combustion - Red Maple	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Red Maple	Residential Wood Stove Combustion ; Red Maple	Biomass Burning
95189	Residential Wood Stove Combustion - Sugar Maple	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Sugar Maple	Residential Wood Stove Combustion ; Sugar Maple	Biomass Burning
95190	Residential Wood Stove Combustion - Douglas Fir	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Douglas Fir	Residential Wood Stove Combustion ; Douglas Fir	Biomass Burning
95191	Residential Wood Stove Combustion - Douglas Fir	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Douglas Fir	Residential Wood Stove Combustion ; Douglas Fir	Biomass Burning
95192	Residential Wood Stove Combustion - Loblolly Pine	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Loblolly Pine	Residential Wood Stove Combustion ; Loblolly Pine	Biomass Burning

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95193	Fireplace Wood Combustion - White Oak	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Fireplace Wood Combustion ; White Oak	Biomass Burning
95194	Fireplace Wood Combustion - Sugar Maple	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Maple	Fireplace Wood Combustion ; Sugar Maple	Biomass Burning
95195	Fireplace Wood Combustion - Black Oak	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Fireplace Wood Combustion ; Black Oak	Biomass Burning
95196	Fireplace Wood Combustion - American Beech	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Beech	Fireplace Wood Combustion ; American Beech	Biomass Burning
95197	Fireplace Wood Combustion - Black Cherry	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Black Cherry	Fireplace Wood Combustion ; Black Cherry	Biomass Burning
95198	Fireplace Wood Combustion - Quaking Aspen	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Quaking Aspen	Fireplace Wood Combustion ; Quaking Aspen	Biomass Burning
95199	Fireplace Wood Combustion - White Spruce	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Spruce	Fireplace Wood Combustion ; White Spruce	Biomass Burning
95200	Fireplace Wood Combustion - Douglas Fir	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Douglas Fir	Fireplace Wood Combustion ; Douglas Fir	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
95201	Fireplace Wood Combustion - Ponderosa Pine	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Ponderosa Pine	Fireplace Wood Combustion ; Ponderosa Pine	Biomass Burning
95202	Fireplace Wood Combustion - Pinyon Pine	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Pinyon Pine	Fireplace Wood Combustion ; Pinyon Pine	Biomass Burning
95203	Fireplace Wood Combustion - Red Maple	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Maple	Fireplace Wood Combustion ; Red Maple	Biomass Burning
95204	Fireplace Wood Combustion - Northern Red Oak	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Fireplace Wood Combustion ; Northern Red Oak	Biomass Burning
95205	Fireplace Wood Combustion - Paper Birch	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Birch	Fireplace Wood Combustion ; Paper Birch	Biomass Burning
95206	Fireplace Wood Combustion - Eastern White Pine	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Pine	Fireplace Wood Combustion ; Eastern White Pine	Biomass Burning
95207	Fireplace Wood Combustion - Eastern Hemlock	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hemlock	Fireplace Wood Combustion ; Eastern Hemlock	Biomass Burning
95208	Fireplace Wood Combustion - Balsam Fir	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Fir	Fireplace Wood Combustion ; Balsam Fir	Biomass Burning



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
95209	Fireplace Wood Combustion - Yellow Poplar	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Poplar	Fireplace Wood Combustion ; Yellow Poplar	Biomass Burning
95210	Fireplace Wood Combustion - White Ash	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	White Ash	Fireplace Wood Combustion ; White Ash	Biomass Burning
95219	Fireplace Wood Combustion - Sweetgum	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Sweetgum	Fireplace Wood Combustion ; Sweetgum	Biomass Burning
95220	Fireplace Wood Combustion - Mockernut Hickory	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hickory	Fireplace Wood Combustion ; Mockernut Hickory	Biomass Burning
95334	Fireplace Wood Combustion - Loblolly Pine	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Loblolly Pine	Fireplace Wood Combustion ; Loblolly Pine	Biomass Burning
95429	Fireplace Wood Combustion - Slash Pine	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Slash Pine	Fireplace Wood Combustion ; Slash Pine	Biomass Burning
95430	CNG transit bus exhaust from a lean-burn engine -no aftertreatment	Combustion	Mobile; Onroad	Cng	CNG; Transit Bus Exhaust	Traffic
95431	CNG transit bus exhaust from a lean-burn engine – oxidation catalyst	Combustion	Mobile; Onroad	Cng	CNG; Transit Bus Exhaust	Traffic
95432	Composite Profile - Diesel	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust;	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Exhaust - Heavy-heavy duty truck - 2011 model year				Heavy-heavy duty truck; 2011 model year; Ultra-low sulfur diesel	
95436	Automated charbroiler - Hamburger	Combustion	Cooking; Charbroiling	Hamburger	Automated charbroiler; Hamburger; Cooking	Biomass Burning
95437	Underfired charbroiler - Hamburger	Combustion	Cooking; Charbroiling	Hamburger	Underfired charbroiler; Hamburger; Cooking	Biomass Burning
95438	Underfired charbroiler - Steak	Combustion	Cooking; Charbroiling	Steak	Underfired charbroiler; Steak; Cooking	Biomass Burning
95449	Underfired charbroiler - Chicken	Combustion	Cooking; Charbroiling	Chicken	Underfired charbroiler; Chicken; Cooking	Biomass Burning
95450	Tire Dust	Dust	Mobile; Onroad	Tire Wear	Tire Dust	Dust
95451	Tire Dust	Dust	Mobile; Onroad	Tire Wear	Tire Dust	Dust
95452	Tire Dust	Dust	Mobile; Onroad	Tire Wear	Tire Dust	Dust
95453	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95454	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95455	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95456	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95457	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95458	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95460	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95462	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95463	Brake Wear	Dust	Mobile; Onroad	Brake Wear	Brake Wear	Dust
95464	Brake Wear	Dust	Mobile;	Brake	Brake Wear	Dust

Profile Code	Profile Name	Generation Mechanism	Sector Equipment	Fuel Product	Keywords	Source
			Onroad	Wear		
95465	Composite - Tire Dust	Dust	Mobile; Onroad	Tire Wear	Composite; Tire Dust	Dust
95466	Composite - Brake Wear	Dust	Mobile; Onroad	Brake Wear	Composite; Brake Wear	Dust
95475	Residential Wood Combustion - Fireplace, Softwood	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Softwood	Residential Wood Combustion ; Fireplace; Softwood	Biomass Burning
95501	Residential Wood Combustion - Fireplace, Hardwood	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Hardwood	Residential Wood Combustion ; Fireplace; Hardwood	Biomass Burning
95502	Residential Wood Combustion – Noncatalytic Woodstove, Hardwood	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Hardwood	Residential Wood Combustion ; Noncatalytic Woodstove; Hardwood	Biomass Burning
95503	Residential Wood Combustion - Fireplace, Synthetic	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Synthetic Wood	Residential Wood Combustion ; Fireplace; Synthetic	Biomass Burning
95504	Composite - Refinery Fuel Gas and Natural Gas Combustion	Combustion	Boiler; Process Heater; Engine	Refinery Gas; Natural Gas	AE6; Composite - Natural Gas Combustion	Industrial
95514	Agricultural Burning - Wheat Straw - China	Combustion	Biomass Burning; Agriculture	Wheat Straw	Agricultural Burning; Wheat Straw	Biomass Burning
95515	Agricultural Burning - Rice Straw - China	Combustion	Biomass Burning; Agriculture	Rice Straw	Agricultural Burning; Rice Straw	Biomass Burning
95516	Agricultural Burning - Corn Stalk - China	Combustion	Biomass Burning; Agriculture	Corn Stalk	Agricultural Burning; Corn Stalk	Biomass Burning
95517	Agricultural Burning Composite -	Combustion	Biomass Burning; Agriculture	Wheat Straw; Rice	Agricultural Burning; Composite	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Wheat Straw, Rice Straw and Corn Stalk - China			Straw; Corn Stalk		
95518	Coal Combustion - Prater Creek Coal	Combustion	Boiler	Coal	Coal Combustion ; Prater Creek Coal; Pulverized Coal	Coal Combustion
95519	Coal Combustion - Prater Creek w/biomass	Combustion	Boiler	Coal; Biomass	Coal Combustion ; Prater Creek with biomass; Pulverized Coal	Coal Combustion
95520	Coal Combustion - Black Thunder Coal	Combustion	Boiler	Coal	Coal Combustion ; Black Thunder Coal; Pulverized Coal	Coal Combustion
95521	Coal Combustion - Bailey Mine Coal	Combustion	Boiler	Coal	Coal Combustion ; Bailey Mine Coal; Pulverized Coal	Coal Combustion
95522	Coal Combustion - Western Canadian lignite	Combustion	Electric Generation; Boiler	Coal	Coal Combustion ; Western Canadian lignite	Coal Combustion
95523	Unpaved Road Dust - Detroit	Dust	Road	Unpaved ; Nonindustrial	Unpaved Road Dust; Detroit	Dust
95524	Urban Soil - Detroit	Dust	Urban	Soil	Urban Soil; Detroit	Dust
95525	Agricultural Soil - Detroit	Dust	Agriculture	Soil	Agricultural Soil; Detroit	Dust
95526	Paved Road Dust - Cleveland	Dust	Road	Paved	Paved Road Dust; Cleveland	Dust
95527	Unpaved Road Dust - Cleveland	Dust	Road	Unpaved ;	Unpaved Road Dust;	Dust

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
				Nonindustrial	Cleveland	
95528	Urban Soil - Cleveland	Dust	Urban	Soil	Urban Soil; Cleveland	Dust
95529	Agricultural Soil - Cleveland	Dust	Agriculture	Soil	Agricultural Soil; Cleveland	Dust
95530	Paved Road Dust - Saint Louis	Dust	Road	Paved	Paved Road Dust; Saint Louis	Dust
95531	Unpaved Road Dust - Saint Louis	Dust	Road	Unpaved	Unpaved Road Dust; Saint Louis	Dust
95532	Urban Soil - Saint Louis	Dust	Urban	Soil	Urban Soil; Saint Louis	Dust
95533	Paved Road Dust - Chicago	Dust	Road	Paved	Paved Road Dust; Chicago	Dust
95534	Unpaved Road Dust - Chicago	Dust	Road	Unpaved ; Nonindustrial	Unpaved Road Dust; Chicago	Dust
95535	Construction Soil - Chicago	Dust	Construction	Soil	Construction Soil; Chicago	Dust
95737	Agricultural Soil - Cincinnati	Dust	Agriculture	Soil	Agricultural Soil; Cincinnati	Dust
95738	Paved Road Dust - San Joaquin Valley	Dust	Road	Paved	Paved Road Dust; San Joaquin Valley	Dust
95739	Paved Road Dust - Los Angeles	Dust	Road	Paved	Paved Road Dust; Los Angeles	Dust
95740	Paved Road Dust - California	Dust	Road	Paved	Paved Road Dust; California	Dust
95741	Residential Wood Combustion - non-EPA Certified Woodstove, Pine	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Pine	Residential Wood Combustion ; Woodstove, Pine	Biomass Burning
95742	Residential Wood	Combustion	Biomass Burning;	Almond	Residential Wood	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Combustion - non-EPA Certified Woodstove, Almond		Residential Wood Combustion; Woodstove		Combustion ; Woodstove, Almond	
95743	Residential Wood Combustion - non-EPA Certified Woodstove, Almond	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Almond	Residential Wood Combustion ; Woodstove, Almond	Biomass Burning
95744	Residential Wood Combustion - Non-EPA Certified Woodstove, Pine	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Pine	Residential Wood Combustion ; Woodstove, Pine	Biomass Burning
95745	Residential Wood Combustion - Fireplace, Oak	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Residential Wood Combustion ; Fireplace, Oak	Biomass Burning
95746	Residential Wood Combustion - Fireplace, Oak	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Residential Wood Combustion ; Fireplace, Oak	Biomass Burning
95747	Residential Wood Combustion - Fireplace, Juniper	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Juniper	Residential Wood Combustion ; Fireplace, Juniper	Biomass Burning
95748	Residential Wood Combustion - Fireplace, Juniper	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Juniper	Residential Wood Combustion ; Fireplace, Juniper	Biomass Burning
95749	Residential Wood Combustion - Fireplace, Juniper	Combustion	Biomass Burning; Residential Wood Combustion;	Juniper	Residential Wood Combustion ; Fireplace, Juniper	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
			Fireplace			
95750	Residential Wood Combustion - Fireplace, Oak Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Residential Wood Combustion ; Fireplace, Oak Composite	Biomass Burning
95751	Residential Wood Combustion - Fireplace, Juniper Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Juniper	Residential Wood Combustion ; Fireplace, Juniper Composite	Biomass Burning
95752	Residential Wood Combustion - Non-EPA Certified Woodstove, Pine Composite	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Pine	Residential Wood Combustion ; Woodstove, Pine Composite	Biomass Burning
95753	Residential Wood Combustion - Non-EPA Certified Woodstove, Almond Composite	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Almond	Residential Wood Combustion ; Woodstove, Almond Composite	Biomass Burning
95754	Residential Wood Combustion - Fireplace- Juniper, Woodstove- Pine, Lake Tahoe Study Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Softwood	Residential Wood Combustion ; Woodstove, Softwood Composite	Biomass Burning
95756	Residential Wood Combustion - Composite of fireplace burning oak and Woodstoves burning almond	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Oak; Almond	Residential Wood Combustion ; Composite of fireplace burning oak and Woodstoves burning almond	Biomass Burning
95758	Residential	Combustion	Biomass	Oak;	Residential	Biomass

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	Wood Combustion - Fireplace, Oak and Juniper Composite		Burning; Residential Wood Combustion; Fireplace	Juniper	Wood Combustion ; Fireplace, Oak and Juniper Composite	Burning
95759	Residential Wood Combustion - Non-EPA Certified Woodstove, Pine and Almond Composite	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Pine; Almond	Residential Wood Combustion ; Woodstove, Pine and Almond Composite	Biomass Burning
95760	Residential Wood Combustion - Composite of fireplace and woodstove burning oak, juniper, pine, or almond	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Oak; Juniper; Pine	Residential Wood Combustion ; Composite of fireplace and woodstove burning oak, juniper, pine, almond	Biomass Burning
95761	Paved Road Dust	Dust	Road	Paved	Paved Road Dust	Dust
95762	Paved Road Dust	Dust	Road	Paved	Paved Road Dust	Dust
95763	Residential Wood Combustion - non-EPA Certified Woodstove, Pine	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Pine	Residential Wood Combustion ; Woodstove, Pine	Biomass Burning
95764	Residential Wood Combustion - non-EPA Certified Woodstove, Almond	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Almond	Residential Wood Combustion ; Woodstove, Almond	Biomass Burning
95765	Residential Wood Combustion -	Combustion	Biomass Burning; Residential	Almond	Residential Wood Combustion	Biomass Burning



<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	non-EPA Certified Woodstove, Almond		Wood Combustion; Woodstove		; Woodstove, Almond	
95766	Residential Wood Combustion - Non-EPA Certified Woodstove, Pine	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Pine	Residential Wood Combustion ; Woodstove, Pine	Biomass Burning
95767	Residential Wood Combustion - Fireplace, Oak	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Residential Wood Combustion ; Fireplace, Oak	Biomass Burning
95768	Residential Wood Combustion - Fireplace, Oak	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Residential Wood Combustion ; Fireplace, Oak	Biomass Burning
95769	Residential Wood Combustion - Fireplace, Juniper	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Juniper	Residential Wood Combustion ; Fireplace, Juniper	Biomass Burning
95770	Residential Wood Combustion - Fireplace, Juniper	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Juniper	Residential Wood Combustion ; Fireplace, Juniper	Biomass Burning
95771	Residential Wood Combustion - Fireplace, Juniper	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Juniper	Residential Wood Combustion ; Fireplace, Juniper	Biomass Burning
95772	Residential Wood Combustion - Fireplace, Oak Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak	Residential Wood Combustion ; Fireplace, Oak Composite	Biomass Burning
95773	Residential	Combustion	Biomass	Juniper	Residential	Biomass

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Wood Combustion - Fireplace, Juniper Composite		Burning; Residential Wood Combustion; Fireplace		Wood Combustion ; Fireplace, Juniper Composite	Burning
95774	Residential Wood Combustion - Non-EPA Certified Woodstove, Pine Composite	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Pine	Residential Wood Combustion ; Woodstove, Pine Composite	Biomass Burning
95775	Residential Wood Combustion - Non-EPA Certified Woodstove, Almond Composite	Combustion	Biomass Burning; Residential Wood Combustion; Woodstove	Almond	Residential Wood Combustion ; Woodstove, Almond Composite	Biomass Burning
95776	Residential Wood Combustion - Fireplace- Juniper, Woodstove- Pine, Lake Tahoe Study Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Softwood	Residential Wood Combustion ; Woodstove, Softwood Composite	Biomass Burning
95778	Residential Wood Combustion - Composite of fireplace burning oak and Woodstoves burning almond	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Oak; Almond	Residential Wood Combustion ; Composite of fireplace burning oak and Woodstoves burning almond	Biomass Burning
95780	Residential Wood Combustion - Fireplace, Oak and Juniper Composite	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace	Oak; Juniper	Residential Wood Combustion ; Fireplace, Oak and Juniper Composite	Biomass Burning
95783	Residential Wood	Combustion	Biomass Burning;	Pine; Almond	Residential Wood	Biomass Burning

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Combustion - Non-EPA Certified Woodstove, Pine and Almond Composite		Residential Wood Combustion; Woodstove		Combustion ; Woodstove, Pine and Almond Composite	
95793	Residential Wood Combustion - Composite of fireplace and woodstove burning oak, juniper, pine, or almond	Combustion	Biomass Burning; Residential Wood Combustion; Fireplace; Woodstove	Oak; Juniper; Pine; Almond	Residential Wood Combustion ; Composite of fireplace and woodstove burning oak, juniper, pine, almond	Biomass Burning
95794	Paved Road Dust	Dust	Road	Paved	Paved Road Dust	Dust
95795	Paved Road Dust	Dust	Road	Paved	Paved Road Dust	Dust
95797	Forest Fire-Flaming-Oregon AE6	Combustion	Biomass Burning; Wildfire	Flaming	Vegetative Burning; Forest Fire; Flaming	Biomass Burning
95798	Forest Fire-Smoldering-Oregon AE6	Combustion	Biomass Burning; Wildfire	Smoldering	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
95799	Grass Fire-Flaming-Oregon AE6	Combustion	Biomass Burning; Wildfire	Flaming	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
95800	Grass Fire-Smoldering-Oregon AE6	Combustion	Biomass Burning; Wildfire	Smoldering	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
95801	Grass Fire-Field-Oregon AE6	Combustion	Biomass Burning; Wildfire	Flaming	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
95802	Forest Fire-Flaming-North Carolina AE6	Combustion	Biomass Burning; Wildfire	Flaming	Vegetative Burning; Forest Fire; Flaming	Biomass Burning
95803	Forest Fire-	Combustion	Biomass	Flaming	Vegetative	Biomass

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
	Smoldering-North Carolina AE6		Burning; Wildfire		Burning; Forest Fire; Smoldering	Burning
95804	Grass Fire-Flaming-Kansas AE6	Combustion	Biomass Burning; Wildfire	Flaming	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
95805	Grass Fire-Smoldering-Kansas AE6	Combustion	Biomass Burning; Wildfire	Smoldering	Vegetative Burning; Forest Fire; Flaming	Biomass Burning
95806	Grass Fire-Field-Flaming-Kansas AE6	Combustion	Biomass Burning; Wildfire	Flaming	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
95807	Grass Fire-Field-Smoldering-Kansas AE6	Combustion	Biomass Burning; Wildfire	Smoldering	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
95808	Forest Fire-Flaming-Montana AE6	Combustion	Biomass Burning; Wildfire	Flaming	Vegetative Burning; Forest Fire; Flaming	Biomass Burning
3766AE6	Forest Fire-Smoldering-Montana AE6	Combustion	Biomass Burning; Wildfire	Smoldering	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
4746a	Peat Fire-Smoldering-Minnesota AE6	Combustion	Biomass Burning; Wildfire	Smoldering	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
5675AE6	Forest Fire Understory-Flaming-Minnesota AE6	Combustion	Biomass Burning; Wildfire	Flaming	Vegetative Burning; Forest Fire; Flaming	Biomass Burning
8873VBS	Forest Fire Understory-Smoldering-Minnesota AE6	Combustion	Biomass Burning; Wildfire	Smoldering	Vegetative Burning; Forest Fire; Smoldering	Biomass Burning
8992VBS	Forest Fire - AE6	Combustion	Biomass Burning; Wildfire	Pinyon-juniper	Vegetative Burning; Forest Fire	Biomass Burning
8993VBS	Diesel Exhaust - Bus at -10 oC, 4-stroke, oxidation catalyst - corrected	Combustion	Mobile; Onroad	Diesel	Diesel Exhaust; Diesel Bus; 4-stroke; Oxidation catalyst	Traffic

<b>Profile Code</b>	<b>Profile Name</b>	<b>Generation Mechanism</b>	<b>Sector Equipment</b>	<b>Fuel Product</b>	<b>Keywords</b>	<b>Source</b>
8996V BS	Light Duty Gasoline Vehicles-Start,VBS	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicles Exhaust; Start; Volatility Basis Set (VBS)	Traffic
95125a	Light-duty Gasoline Vehicles Exhaust - Stabilized Running, VBS	Combustion	Mobile; Onroad; Light Duty	Gasoline	Gasoline Vehicles Exhaust; Hot Stabilized Running	Traffic
95126a	Conventional Diesel Exhaust - Idle Cycle, VBS	Combustion	Mobile; Onroad; Heavy Duty	Diesel	Conventional Diesel Exhaust; Idle	Traffic
95127a	Conventional Diesel Exhaust - Transient Cycle, VBS	Combustion	Mobile; Onroad; Heavy Duty	Diesel	Conventional Diesel Exhaust; Hot Stabilized Running	Traffic
95128a	Diesel Exhaust - Heavy-heavy duty truck - 2007 model year with NCOM, VBS	Combustion	Mobile; Onroad; Heavy Duty	Diesel	2007 to 2009 Heavy-Duty Diesel Exhaust	Traffic
SUGP0 2	Sugar Cane Pre-Harvest Burning Mexico	Combustion	Biomass Burning; Agriculture	Pre-harvest Sugar Cane	Sugar cane; Biomass burning	Biomass Burning

Table S2. List of elements and composite concentrations for sources

Element	Symbol	Biomass Burning	Coal Combustion	Dust	Industrial	Traffic
Aluminium	Al	0.63 ± 2.07	2.79 ± 4.09	3.9 ± 3.88	2.11 ± 4.32	0.29 ± 1.13
Antimony	Sb	0.01 ± 0.07	0.02 ± 0.12	0.02 ± 0.1	0.81 ± 6.33	0.01 ± 0.06
Arsenic	As	0 ± 0.02	0.01 ± 0.05	0.01 ± 0.18	1.86 ± 9.04	0.01 ± 0.12
Barium	Ba	0.17 ± 0.92	0.27 ± 0.55	0.13 ± 0.5	0.24 ± 1.71	0.08 ± 0.16
Beryllium	Be	0 ± 0	0 ± 0	0 ± 0	0 ± 0	0 ± 0
Bismuth	Bi	0 ± 0	0 ± 0	0 ± 0	0.01 ± 0.1	0 ± 0
Boron	B	0 ± 0.02	0 ± 0.01	0 ± 0.07	0.34 ± 4.73	0 ± 0.01
Bromine	Br	0 ± 0	0 ± 0.01	0 ± 0	0 ± 0	0 ± 0.01
Cadmium	Cd	0.01 ± 0.07	0.01 ± 0.07	0.01 ± 0.07	0.29 ± 1.82	0.01 ± 0.03
Calcium	Ca	0.99 ± 3.08	3.99 ± 7.26	4.7 ± 6.79	4.01 ± 8.54	0.61 ± 2.09
Cerium	Ce	0 ± 0	0 ± 0.04	0 ± 0.03	0.01 ± 0.09	0 ± 0.01
Cesium	Cs	0 ± 0	0 ± 0	0 ± 0	0.04 ± 0.71	0 ± 0
Chlorine	Cl	0 ± 0.01	0 ± 0	0 ± 0	0 ± 0	0.02 ± 0.24
Chromium	Cr	0.02 ± 0.08	0.05 ± 0.28	0.03 ± 0.12	0.08 ± 0.32	0.01 ± 0.05
Cobalt	Co	0.03 ± 0.25	0 ± 0.01	0 ± 0.01	0.05 ± 0.53	0 ± 0.05
Copper	Cu	0.1 ± 0.63	0.05 ± 0.18	0.06 ± 0.25	0.84 ± 4.44	0.09 ± 1.02
Elemental Carbon	EC	10.31 ± 14.52	8.47 ± 17.81	3.7 ± 10.16	3.35 ± 9.24	33.1 ± 28.33
Elemental carbon I	EC1	3.48 ± 6.7	1.31 ± 5.25	0.29 ± 1.55	0.88 ± 3.76	6.11 ± 9.09
Elemental carbon II	EC2	2.47 ± 9.27	0.46 ± 1.62	0.1 ± 0.41	0.72 ± 4.92	13.45 ± 20.77
Elemental carbon III	EC3	0.15 ± 0.48	0.03 ± 0.11	0.01 ± 0.04	0.03 ± 0.34	0.39 ± 1.78
Iron	Fe	1.1 ± 4.22	2.14 ± 3.73	3.7 ± 5.3	2.57 ± 5.61	0.52 ± 1
Lead	Pb	0.15 ± 0.8	0.34 ± 3.33	0.19 ± 1.3	2.58 ± 8.03	0.51 ± 2.8
Magnesium	Mg	0.14 ± 0.7	0.56 ± 1.65	0.36 ± 1.04	0.29 ± 0.97	0.12 ± 0.33
Manganese	Mn	0.09 ± 0.69	0.07 ± 0.3	0.3 ± 2.28	0.25 ± 1.28	0.04 ± 0.18
Mercury	Hg	0.01 ± 0.07	0 ± 0.01	0.01 ± 0.08	0.04 ± 0.35	0 ± 0.01
Nickel	Ni	0.05 ± 0.31	0.16 ± 0.59	0.01 ± 0.06	0.1 ± 0.32	0.02 ± 0.22
Organic carbon	OC	40.56 ± 29.45	19.81 ± 24.41	13.5 ± 19.51	11.71 ± 21.37	46.01 ± 39.66
Organic carbon I	OC1	6.08 ± 11.81	2.14 ± 6.2	0.7 ± 4.43	0.67 ± 3.65	9.25 ± 16.89
Organic carbon II	OC2	3.71 ± 7.61	2.23 ± 5.81	0.72 ± 4.22	1 ± 4	5.93 ± 8.48
Organic carbon III	OC3	4.65 ± 9.12	1.53 ± 3.99	0.87 ± 4.63	1.63 ± 7.7	4.74 ± 6.87
Organic carbon IV	OC4	2.04 ± 3.62	0.84 ± 2.18	0.49 ± 1.83	1.35 ± 5.12	2.56 ± 3.85
Phosphorus	P	0.07 ± 0.36	0.18 ± 0.41	0.19 ± 0.95	0.51 ± 2.12	0.12 ± 0.21
Potassium	K	1.72 ± 3.5	1.19 ± 3.11	1.23 ± 1.62	1.64 ± 3.92	0.21 ± 1.39

Pyrolyzed organic carbon	OPTR C	$0.9 \pm 2.78$	$0.69 \pm 1.84$	$0.08 \pm 0.48$	$0.19 \pm 0.89$	$1.08 \pm 5.1$
Selenium	Se	$0 \pm 0.02$	$0.11 \pm 0.38$	$0.01 \pm 0.07$	$0.03 \pm 0.13$	$0 \pm 0.01$
Silicon	Si	$1.73 \pm 4.58$	$4.15 \pm 6.32$	$11.68 \pm 10.65$	$5 \pm 8.79$	$1.33 \pm 3.69$
Silver	Ag	$0.01 \pm 0.03$	$0.01 \pm 0.07$	$0 \pm 0.01$	$0.03 \pm 0.11$	$0.01 \pm 0.02$
Sodium	Na	$0.83 \pm 3.24$	$1.12 \pm 4.18$	$0.38 \pm 1.28$	$1.32 \pm 4.91$	$0.51 \pm 2.66$
Sulfur	S	$1.35 \pm 3.2$	$3.85 \pm 5.64$	$0.99 \pm 2.67$	$3.6 \pm 6.38$	$1.05 \pm 1.86$
Tin	Sn	$0.03 \pm 0.18$	$0.01 \pm 0.03$	$0.01 \pm 0.11$	$0.1 \pm 0.35$	$0.01 \pm 0.04$
Titanium	Ti	$0.11 \pm 1.3$	$0.25 \pm 0.4$	$0.35 \pm 0.62$	$0.26 \pm 1.54$	$0.03 \pm 0.08$
Total carbon	TC	$27.73 \pm 38.03$	$13.44 \pm 24.28$	$6.88 \pm 17.79$	$6.38 \pm 21.41$	$61.99 \pm 55.31$
Tungsten	W	$0 \pm 0$	$0 \pm 0$	$0 \pm 0$	$0 \pm 0$	$0 \pm 0.09$
Zinc	Zn	$0.29 \pm 1.34$	$0.18 \pm 0.44$	$0.13 \pm 0.3$	$2.13 \pm 8.64$	$0.28 \pm 1.54$