

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
FLUSSugarC orp	Boiler No. 7	Mercury (Hg)	Biomass	9.73E-08		1	YES
ORFlakeboard Eugene	Boiler-2	Mercury (Hg)	Biomass	1.36E-07		2	YES
MESDWarren Somerset	No2 Power Boiler	Mercury (Hg)	Biomass	1.44E-07		3	YES
SCBowaterC oatedPaper	Combination Boiler No. 1	Mercury (Hg)	Biomass	1.75E-07		4	YES
TNKimberlyC lark2397	WB	Mercury (Hg)	Biomass	1.77E-07		5	YES
FLSmurfit- Stone	5PB	Mercury (Hg)	Biomass	2.05E-07		6	YES
GAGPCellulose Brunswick	U700 -- No. 4 Power Boiler	Mercury (Hg)	Biomass	2.11E-07		7	YES
KYNewPage- Wickliffe	B09	Mercury (Hg)	Biomass	2.23E-07		8	YES
NYIntlPaper Ticonderoga	PB1	Mercury (Hg)	Biomass	2.27E-07		9	YES
NDCargillWe stFargo	Foster Wheeler Boiler (EU43)	Mercury (Hg)	Biomass	2.30E-07		10	YES
SCBowaterC oatedPaper	Combination Boiler No. 2	Mercury (Hg)	Biomass	2.43E-07		11	YES
IDPotlatchLe wiston	4 Power Boiler	Mercury (Hg)	Biomass	2.50E-07		12	NO
NCGPRoxbo ro	ES-1 Wood fired Boiler	Mercury (Hg)	Biomass	2.67E-07		13	NO
MEBoralexSt ratton	Boiler #1	Mercury (Hg)	Biomass	3.00E-07		14	NO
TXTempleInl andFiberboard	FB-25	Mercury (Hg)	Biomass	3.00E-07		15	NO

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Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNBowaterNewsprint	Bubbling Fluidized Bed Boiler	Mercury (Hg)	Biomass	3.33E-07		16	NO
MTRoseburgMissoula	Boiler	Mercury (Hg)	Biomass	3.38E-07		17	NO
FLSugarCaneGrowersCoop	Boiler No. 8	Mercury (Hg)	Biomass	3.40E-07		18	NO
GATempleInlandRome	WF	Mercury (Hg)	Biomass	3.57E-07		19	NO
FLCFRC252	Boiler #3 (McBurney)	Mercury (Hg)	Biomass	3.68E-07		20	NO
TXMeadWestvacoEvadale	21-2105	Mercury (Hg)	Biomass	3.73E-07		21	NO
ALIPCourtland	No. 3 Combination Boiler / 11Cu301	Mercury (Hg)	Biomass	4.14E-07		22	NO
HIPuuneneSugarMill	Boiler 1	Mercury (Hg)	Biomass	4.26E-07		23	NO
HIPuuneneSugarMill	Boiler 2	Mercury (Hg)	Biomass	4.26E-07		23	NO
MNDESPHansONyman	EU007	Mercury (Hg)	Biomass	4.43E-07		25	NO
MNSappiCloquet	EU002	Mercury (Hg)	Biomass	4.48E-07		26	NO
MSBowaterSouth	Bark Boiler	Mercury (Hg)	Biomass	4.72E-07		27	NO
VAGPBigIsland2703	PWR05 - No. 5 Power Boiler	Mercury (Hg)	Biomass	4.87E-07		28	NO
GAGPMadisonPly	800 Wood Waste Boiler	Mercury (Hg)	Biomass	4.97E-07		29	NO
ORRoseburgForestDillard	Boiler #6	Mercury (Hg)	Biomass	5.04E-07		30	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
GAGPMonticelloPlywood	EU700 - Wood Waste Boiler	Mercury (Hg)	Biomass	5.24E-07		31	NO
SCRoseburgHollyHill	WB20 Boiler	Mercury (Hg)	Biomass	5.26E-07		32	NO
ARPotlatchForestWarren	Wellons Boiler	Mercury (Hg)	Biomass	5.41E-07		33	NO
GAInternationalPaperAugustaMills	PB3A	Mercury (Hg)	Biomass	5.57E-07		34	NO
SCRoseburgForestRussellville	Boiler	Mercury (Hg)	Biomass	5.97E-07		35	NO
ALIPCourtland	No. 1 Combination Boiler / 11CU101	Mercury (Hg)	Biomass	6.08E-07		36	NO
ALBoiseWhitePaperJackson	102-0001- Z013	Mercury (Hg)	Biomass	6.22E-07		37	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ARPotlatchForestWarren	Wellons Boiler	Hydrogen Chloride (HCl)	Biomass	3.69E-06		1	YES
TXDibollTemple-Inland	PB-44	Hydrogen Chloride (HCl)	Biomass	2.50E-05		2	YES
IDPotlatch	PB-1 CE	Hydrogen Chloride (HCl)	Biomass	2.83E-05		3	YES
MESDWarrensSomerset	No2 Power Boiler	Hydrogen Chloride (HCl)	Biomass	5.98E-05		4	YES
GAGPMadisonPly	800 Wood Waste Boiler	Hydrogen Chloride (HCl)	Biomass	8.33E-05		5	YES
WABoisePaperWallula	Hog Fuel Boiler	Hydrogen Chloride (HCl)	Biomass	8.93E-05		6	YES
SCMarlboroPaper	Hogged Fuel Boiler	Hydrogen Chloride (HCl)	Biomass	1.00E-04		7	YES
MEBoralexStratton	Boiler #1	Hydrogen Chloride (HCl)	Biomass	1.34E-04		8	YES
OHSmurfitCo-shohton	B006	Hydrogen Chloride (HCl)	Biomass	1.55E-04		9	YES
MTPlumCreek	Wellons Plywood	Hydrogen Chloride (HCl)	Biomass	1.64E-04		10	YES
FLSugarCaneGrowersCoop	Boiler No. 8	Hydrogen Chloride (HCl)	Biomass	1.99E-04		11	YES
ARAnthonyForestProducts	SN-12	Hydrogen Chloride (HCl)	Biomass	2.00E-04		12	YES
WAGraysHarborPaper	No. 6 Boiler (EU2)	Hydrogen Chloride (HCl)	Biomass	2.00E-04		12	YES
FLUSSugarCorp	Boiler No. 4	Hydrogen Chloride (HCl)	Biomass	2.02E-04		14	NO
ALIPCourtland	No. 3 Combination Boier / 11CU301	Hydrogen Chloride (HCl)	Biomass	2.08E-04		15	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MSHoodWay nesboro	AA-001 (Wood-Fired Boiler)	Hydrogen Chloride (HCl)	Biomass	2.11E-04		16	NO
NCGPRoxbo ro	ES-1 Wood fired Boiler	Hydrogen Chloride (HCl)	Biomass	2.17E-04		17	NO
ORWeyerha euserCoWar rentonLumbe rMill	3-HFB	Hydrogen Chloride (HCl)	Biomass	2.25E-04		18	NO
ORFlakeboar dEugene	Boiler-2	Hydrogen Chloride (HCl)	Biomass	2.33E-04		19	NO
SCRoseburg HollyHill	WB20 Boiler	Hydrogen Chloride (HCl)	Biomass	2.34E-04		20	NO
NCLPРоarin gRiver	Boiler #2	Hydrogen Chloride (HCl)	Biomass	2.53E-04		21	NO
MSHankinsL umber	Boiler #1 (AA- 001)	Hydrogen Chloride (HCl)	Biomass	2.60E-04		22	NO
WAWeyerha euser_Raym ond	Hog Fuel Boiler EU1	Hydrogen Chloride (HCl)	Biomass	2.67E-04		23	NO
ALBoiseWhit ePaperJacks on	102-0001- Z013	Hydrogen Chloride (HCl)	Biomass	2.91E-04		24	NO
MSBowaterS outh	Bark Boiler	Hydrogen Chloride (HCl)	Biomass	3.33E-04		25	NO
WAGPCama s	No. 3 Power Boiler	Hydrogen Chloride (HCl)	Biomass	3.35E-04		26	NO
ORRoseburg Coquille	Boiler 1	Hydrogen Chloride (HCl)	Biomass	3.40E-04		27	NO
NDCargillWe stFargo	Foster Wheeler Boiler (EU43)	Hydrogen Chloride (HCl)	Biomass	3.56E-04		28	NO
GARayonierJ esupMill	PB01	Hydrogen Chloride (HCl)	Biomass	3.67E-04		29	NO
MNDESPHa nsONyman	EU007	Hydrogen Chloride (HCl)	Biomass	3.70E-04		30	NO

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Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
IDMoyieSprings Lumber420	HFB1	Hydrogen Chloride (HCl)	Biomass	3.83E-04		31	NO
MNAnderson CorpBayport	Boiler 11 EU620	Hydrogen Chloride (HCl)	Biomass	4.00E-04		32	NO
MNAnderson CorpBayport	Boiler 12 EU621	Hydrogen Chloride (HCl)	Biomass	4.00E-04		32	NO
ORBoiseBuilding	B2	Hydrogen Chloride (HCl)	Biomass	4.33E-04		34	NO
TNBowaterNewsprint	Bubbling Fluidized Bed Boiler	Hydrogen Chloride (HCl)	Biomass	4.40E-04		35	NO
MSWeyerhaeuserBruce	AA-002 No. 2 Boiler	Hydrogen Chloride (HCl)	Biomass	5.07E-04		36	NO
FLUSSugarCorp	Boiler No. 7	Hydrogen Chloride (HCl)	Biomass	5.37E-04		37	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
GAGPCelluloseBrunswick	U700 -- No. 4 Power Boiler	Particulate Matter (PM) filterable	Biomass	5.33E-04		1	YES
ORGeorgiaPacificWauna Mill	EU35 - Fluidized Bed Boiler	Particulate Matter (PM) filterable	Biomass	5.80E-04		2	YES
MNAnderson CorpBayport	Boiler 11 EU620	Particulate Matter (PM) filterable	Biomass	6.00E-04		3	YES
MNAnderson CorpBayport	Boiler 12 EU621	Particulate Matter (PM) filterable	Biomass	6.00E-04		4	YES
WAWeyerhaeuser_Raymond	Hog Fuel Boiler EU1	Particulate Matter (PM) filterable	Biomass	6.33E-04		5	YES
ORFlakeboardEugene	Boiler-2	Particulate Matter (PM) filterable	Biomass	7.57E-04		6	YES
ARPotlatchForestWarren	Wellons Boiler	Particulate Matter (PM) filterable	Biomass	8.00E-04		7	YES
GAGPMadisonPly	800 Wood Waste Boiler	Particulate Matter (PM) filterable	Biomass	1.17E-03		8	YES
GAGPMonticelloPlywood	EU700 - Wood Waste Boiler	Particulate Matter (PM) filterable	Biomass	1.33E-03		9	YES
ARWeyerhaeuserDierks Mill	SN-45	Particulate Matter (PM) filterable	Biomass	1.37E-03		10	YES
ARWeyerhaeuserDierks Mill	SN-32	Particulate Matter (PM) filterable	Biomass	1.73E-03		11	YES
MSGPNewAugusta	AA-015 Power Boiler	Particulate Matter (PM) filterable	Biomass	1.80E-03		12	YES
WAKimberlyClarkEverett	No. 14 Cogeneration Boiler	Particulate Matter (PM) filterable	Biomass	1.87E-03		13	YES
MNBoisePaper1212	EU 430 Boiler #2	Particulate Matter (PM) filterable	Biomass	1.88E-03		14	YES
IDRileyCreek Lumber	HFB1	Particulate Matter (PM) filterable	Biomass	2.11E-03		15	YES

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Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
FLUSSugarC orp	Boiler No. 8	Particulate Matter (PM) filterable	Biomass	2.23E-03		16	YES
IDPotlatchLe wiston	4 Power Boiler	Particulate Matter (PM) filterable	Biomass	2.33E-03		17	YES
SCMarlboro Paper	Hogged Fuel Boiler	Particulate Matter (PM) filterable	Biomass	2.33E-03		18	YES
IDPotlatch	PB-1 CE	Particulate Matter (PM) filterable	Biomass	2.40E-03		19	YES
SCInternatio nalPaperEas tover	No. 2 Power Boiler	Particulate Matter (PM) filterable	Biomass	2.63E-03		20	YES
FLSmurfit- Stone	5PB	Particulate Matter (PM) filterable	Biomass	2.67E-03		21	YES
MEBoralexSt ratton	Boiler #1	Particulate Matter (PM) filterable	Biomass	2.67E-03		22	YES
LAGPPortHu dson	EQT0109 - No. 6 CFB Boiler	Particulate Matter (PM) filterable	Biomass	3.00E-03		23	YES
ALGPBrewto nMill	BR-PSG0- S026 No. 3 Power Boiler	Particulate Matter (PM) filterable	Biomass	3.00E-03		24	YES
WIDomtar28 14	B11, S11	Particulate Matter (PM) filterable	Biomass	3.10E-03		25	NO
MSWeyerha euserBruce	AA-002 No. 2 Boiler	Particulate Matter (PM) filterable	Biomass	3.33E-03		26	NO
LAWeyerhae userDodson	ES-017 WFB	Particulate Matter (PM) filterable	Biomass	3.33E-03		27	NO
IDPotlatch	PB-2 Riley	Particulate Matter (PM) filterable	Biomass	3.43E-03		28	NO
ARLeolaLum berMill	SN-01A	Particulate Matter (PM) filterable	Biomass	3.67E-03		29	NO
GATempleInl andRome	PB4	Particulate Matter (PM) filterable	Biomass	3.67E-03		30	NO



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Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
WVWeyerhaeuserBuckhannon	001-01	Particulate Matter (PM) filterable	Biomass	3.84E-03		31	NO
FLGPHawthorne	EU 001 Wood Fired Boiler	Particulate Matter (PM) filterable	Biomass	4.00E-03		32	NO
KYDomtarHawesville	Biofuel Boiler B-900	Particulate Matter (PM) filterable	Biomass	4.47E-03		33	NO
ALIPCourtland	No. 3 Combination Boiler / 11Cu301	Particulate Matter (PM) filterable	Biomass	4.92E-03		34	NO
SCNewSouthCoConway	WWB1	Particulate Matter (PM) filterable	Biomass	5.10E-03		35	NO
MESDWarrenSomerset	No2 Power Boiler	Particulate Matter (PM) filterable	Biomass	5.14E-03		36	NO
FLUSSugarCorp	Boiler No. 7	Particulate Matter (PM) filterable	Biomass	5.33E-03		37	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 4 - D/F TM Fuel by Floor

FacilityID	CombustorID _common	Pollutant Units	MACT Floor FuelCat	Metal Furnace?	AvgOfTotal Mass PCDD/PCDF	Rank	In top 12 pct?
ILAkzoNobel Morris	B-1 Nebraska Boiler	ng/dscm @ 7% O2	Gas 1		1.21E-01	no	1
SCMichelinS andySprings	B:02:01	ng/dscm @ 7% O2	Gas 1		1.26E-01	no	2
WYSinclairW yoming	Pt 41 #9 HPB	ng/dscm @ 7% O2	Gas 1		1.32E-01	no	3
NCCampLej euneMCB	C-AS-4151- 16	ng/dscm @ 7% O2	Gas 1		1.38E-01	no	4
WYSinclairW yoming	Pt 74 #2 H2 Plant Heater	ng/dscm @ 7% O2	Gas 1		1.42E-01	no	5
SCEastman Colombia	HTM Heater #3 (Equip ID 1101)	ng/dscm @ 7% O2	Gas 1		1.43E-01	no	6
CTCytecWall ingford	150 Furnace	ng/dscm @ 7% O2	Gas 1		1.72E-01	no	7
KSCoffeyville Refinery	EU-39- FH0027	ng/dscm @ 7% O2	Gas 1		2.80E-01	no	8
ILUSSGranit eCity	No. 8 Galvanizing Line Furnace	ng/dscm @ 7% O2	Gas 1	yes	1.27E-02	no	1
CORockyMtn Steel212	Rod/Bar Mill Furnace 95OPPB088	ng/dscm @ 7% O2	Gas 1	yes	4.25E-02	no	2
INOutokump uStainlessPl ate	Heppenstall Annealing Furnace	ng/dscm @ 7% O2	Gas 1	yes	4.50E-02	no	3
UTWestingh ouse	202	ng/dscm @ 7% O2	Gas 1	yes	1.70E-01	no	4
INArcelorMitt alBurnsHarb or	Hot Dip Coating Line Annealing Furnace	ng/dscm @ 7% O2	Gas 1	yes	2.67E-01	no	5
INAlcoaWarri ck	Pre-Heat Furnace #36	ng/dscm @ 7% O2	Gas 1	yes	1.10E+00	no	6
INNucorSteel	Cold Mill Annealing	ng/dscm @ 7% O2	Gas 1	yes	4.78E+00	no	7

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 4 - D/F TM Fuel by Floor

FacilityID	CombustorID _common	Pollutant Units	MACT Floor FuelCat	Metal Furnace?	AvgOfTotal Mass PCDD/PCDF	Rank	In top 12 pct?
INTateLyleS agamore	21B501	ng/dscm @ 7% O2	Gas 2		4.50E-02	no	1
WVMountain StateCarbon Follansbee	S1	ng/dscm @ 7% O2	Gas 2		5.20E-02	no	2
SCBMWMan ufacturingCo	HB03	ng/dscm @ 7% O2	Gas 2		9.57E-02	no	3
LAShellChe micaGeismar	Furnace F- S801	ng/dscm @ 7% O2	Gas 2		2.31E-01	no	4
MDSeverstal Sparrows	1BLR (No. 1 Boiler)	ng/dscm @ 7% O2	Gas 2		4.81E-01	no	5
SCMilliken- Dewey	D30	ng/dscm @ 7% O2	Liquid		2.18E-05	no	1
NYConEd59t hStStationNe wYork	Boiler 118	ng/dscm @ 7% O2	Liquid		1.77E-03	no	2
CTElectric Boat	EMU 17	ng/dscm @ 7% O2	Liquid		8.87E-03	no	3
VANewportN ewsShipbuild ingDryDock	78-E1	ng/dscm @ 7% O2	Liquid		2.19E-02	no	4
SCGPChem Russellville	FO Boiler	ng/dscm @ 7% O2	Liquid		2.48E-02	no	5
MICustomer EnergyCo- Campbell	EUAUXBLR1 2	ng/dscm @ 7% O2	Liquid		5.89E-02	no	6
INUSSteelG aryWorks	O4B10459	ng/dscm @ 7% O2	Liquid		6.66E-02	no	7
ILCognisCor p	Boiler #1	ng/dscm @ 7% O2	Liquid		9.37E-02	no	8
TNMilanArm yAmmunition Plant	D88L-1, Source #27- 0010-86	ng/dscm @ 7% O2	Liquid		1.06E-01	no	9
MNGPDuluth	EU33 Boiler #3	ng/dscm @ 7% O2	Liquid		1.67E-01	no	10

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 4 - D/F TM Fuel by Floor

FacilityID	CombustorID _common	Pollutant Units	MACT Floor FuelCat	Metal Furnace?	AvgOfTotal Mass PCDD/PCDF	Rank	In top 12 pct?
MEFPLEner gyWyman	Unit #5	ng/dscm @ 7% O2	Liquid		1.78E-01	no	11
NJVinelandM uniElectric- HowardDow n	Unit 9	ng/dscm @ 7% O2	Liquid		3.20E-01	no	12
PABoeingRid leyPark	033	ng/dscm @ 7% O2	Liquid		6.11E-01	no	13
NCInvistaHw y421	B7600	ng/dscm @ 7% O2	Liquid		7.54E-01	no	14
TNInvistaCh attanoooga	EU003 - Vaporizer #2	ng/dscm @ 7% O2	Liquid		1.19E+00	no	15
WIGPGreen Bay2818	B10 - Wastepaper Sludge-Fired Boiler 10	ng/dscm @ 7% O2	Liquid		2.31E+00	no	16
SCDAKAmer icas	P8F	ng/dscm @ 7% O2	Liquid		1.47E+01	no	17

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 5 - D/F TEQ Fuel by Floor

FacilityID	CombustorID _common	Pollutant Units	MACT Floor FuelCat	Metal Furnace?	AvgOfTEQ PCDD/PCDF	CountOfTEQ PCDD/PCDF	In top 12 pct?	Rank
NCCampLej euneMCB	C-AS-4151- 16	ng/dscm @ 7% O2	Gas 1		2.57E-03	3	no	1
SCMichelinS andySprings	B:02:01	ng/dscm @ 7% O2	Gas 1		4.25E-03	3	no	2
SCEastman Colombia	HTM Heater #3 (Equip ID 1101)	ng/dscm @ 7% O2	Gas 1		4.27E-03	3	no	3
WYSinclairW yoming	Pt 41 #9 HPB	ng/dscm @ 7% O2	Gas 1		4.40E-03	3	no	4
WYSinclairW yoming	Pt 74 #2 H2 Plant Heater	ng/dscm @ 7% O2	Gas 1		5.00E-03	3	no	5
ILAkzoNobel Morris	B-1 Nebraska Boiler	ng/dscm @ 7% O2	Gas 1		1.51E-02	3	no	6
KSCoffeyville Refinery	EU-39- FH0027	ng/dscm @ 7% O2	Gas 1		2.52E-02	3	no	7
CTCytecWall ingford	150 Furnace	ng/dscm @ 7% O2	Gas 1		2.93E+01	3	no	8
CORockyMtn Steel212	Rod/Bar Mill Furnace 95OPPB088	ng/dscm @ 7% O2	Gas 1	yes	2.58E-03	3	no	1
INOutokump uStainlessPl ate	Heppenstall Annealing Furnace	ng/dscm @ 7% O2	Gas 1	yes	3.10E-03	3	no	2
UTWestingh ouse	202	ng/dscm @ 7% O2	Gas 1	yes	6.37E-03	3	no	3
INArcelorMitt alBurnsHarb or	Hot Dip Coating Line Annealing Furnace	ng/dscm @ 7% O2	Gas 1	yes	9.80E-03	3	no	4
ILUSSGranit eCity	No. 8 Galvanizing Line Furnace	ng/dscm @ 7% O2	Gas 1	yes	1.92E-02	3	no	5
INAlcoaWarri ck	Pre-Heat Furnace #36	ng/dscm @ 7% O2	Gas 1	yes	4.64E-02	3	no	6
INNucorSteel	Cold Mill Annealing	ng/dscm @ 7% O2	Gas 1	yes	3.64E-01	3	no	7

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 5 - D/F TEQ Fuel by Floor

FacilityID	CombustorID _common	Pollutant Units	MACT Floor FuelCat	Metal Furnace?	AvgOfTEQ PCDD/PCDF	CountOfTEQ PCDD/PCDF	In top 12 pct?	Rank
SCBMWMan ufacturingCo	HB03	ng/dscm @ 7% O2	Gas 2		2.67E-03	3	no	1
INTateLyleS agamore	21B501	ng/dscm @ 7% O2	Gas 2		3.18E-03	3	no	2
WVMountain StateCarbon Follansbee	S1	ng/dscm @ 7% O2	Gas 2		5.73E-03	3	no	3
LAShellChe micaGeismar	Furnace F- S801	ng/dscm @ 7% O2	Gas 2		1.15E-02	3	no	4
MDSeverstal Sparrows	1BLR (No. 1 Boiler)	ng/dscm @ 7% O2	Gas 2		2.10E-02	3	no	5
SCMilliken- Dewey	D30	ng/dscm @ 7% O2	Liquid		3.00E-06	3	no	1
CTElectric Boat	EMU 17	ng/dscm @ 7% O2	Liquid		1.09E-03	3	no	2
NYConEd59t hStStationNe wYork	Boiler 118	ng/dscm @ 7% O2	Liquid		1.10E-03	3	no	3
TNMilanArm yAmmunition Plant	D88L-1, Source #27- 0010-86	ng/dscm @ 7% O2	Liquid		2.36E-03	3	no	4
SCGPChem Russellville	FO Boiler	ng/dscm @ 7% O2	Liquid		2.44E-03	3	no	5
MEFPLEner gyWyman	Unit #5	ng/dscm @ 7% O2	Liquid		3.66E-03	3	no	6
MIConsumer EnergyCo- Campbell	EUAUXBLR1 2	ng/dscm @ 7% O2	Liquid		4.29E-03	3	no	7
INUSSteelG aryWorks	O4B10459	ng/dscm @ 7% O2	Liquid		4.97E-03	3	no	8
NJVinelandM uniElectric- HowardDow n	Unit 9	ng/dscm @ 7% O2	Liquid		5.65E-03	3	no	9
ILCognisCor p	Boiler #1	ng/dscm @ 7% O2	Liquid		8.69E-03	3	no	10

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 5 - D/F TEQ Fuel by Floor

FacilityID	CombustorID _common	Pollutant Units	MACT Floor FuelCat	Metal Furnace?	AvgOfTEQ PCDD/PCDF	CountOfTEQ PCDD/PCDF	In top 12 pct?	Rank
MNGPDuluth	EU33 Boiler #3	ng/dscm @ 7% O2	Liquid		1.03E-02	3	no	11
VANewportN ewsShipbuild ingDryDock	78-E1	ng/dscm @ 7% O2	Liquid		1.16E-02	3	no	12
PABoeingRid leyPark	033	ng/dscm @ 7% O2	Liquid		1.47E-02	3	no	13
NCInvistaHw y421	B7600	ng/dscm @ 7% O2	Liquid		1.62E-02	3	no	14
WIGPGreen Bay2818	B10 - Wastepaper Sludge-Fired Boiler 10	ng/dscm @ 7% O2	Liquid		3.26E-02	3	no	15
TNInvistaCh attanooga	EU003 - Vaporizer #2	ng/dscm @ 7% O2	Liquid		5.16E-02	3	no	16
SCDAKAmer icas	P8F	ng/dscm @ 7% O2	Liquid		2.17E-01	3	no	17

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
OKVRCOkla homa	H-101	CO	9.36E-03	Gas 1		1	YES
OKVRCOkla homa	H-102A	CO	1.01E-02	Gas 1		2	YES
TXRohmHaa sDeerPark	ACET-2B-4	CO	1.33E-02	Gas 1		3	YES
OKConocoP hillipsPonca City	H-9902	CO	2.00E-02	Gas 1		4	YES
TXDiamondS hamrockThre eRivers	H-201	CO	2.71E-02	Gas 1		5	YES
TXDiamondS hamrockThre eRivers	H-203	CO	2.71E-02	Gas 1		6	YES
TXDiamondS hamrockThre eRivers	H-204	CO	2.71E-02	Gas 1		7	YES
VAWesternR efiningYorkto wn	F-562	CO	3.94E-02	Gas 1		8	YES
OKConocoP hillipsPonca City	H-9851	CO	4.00E-02	Gas 1		9	YES
INBPWhiting Refinery	B-601	CO	4.33E-02	Gas 1		10	YES
OKConocoP hillipsPonca City	H-0016	CO	4.33E-02	Gas 1		11	YES
TXOccidenta lChemGrego ry	VCM Plant 1 Furnace 1	CO	5.02E-02	Gas 1		12	YES
TXOccidenta lChemGrego ry	VCM Plant 1 Furnace 2	CO	5.02E-02	Gas 1		13	YES
TXOccidenta lChemGrego ry	VCM Plant 1 Furnace 3	CO	5.02E-02	Gas 1		14	YES
TXOccidenta lChemGrego ry	VCM Plant 1 Furnace 4	CO	5.02E-02	Gas 1		15	YES



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
MSChevronP ascagoula	F-2103	CO	5.41E-02	Gas 1		16	YES
TXDiamondS hamrockThre eRivers	H-1102	CO	6.32E-02	Gas 1		17	YES
NJSunocoW estville	Boiler #8	CO	6.58E-02	Gas 1		18	YES
ILAkzoNobel Morris	B-1 Nebraska Boiler	CO	7.32E-02	Gas 1		19	YES
KYCatlettsbu rgRefining	2-23-B-4	CO	7.75E-02	Gas 1		20	YES
ILWoodRiver Refinery	HTR-DU1- F302	CO	7.88E-02	Gas 1		21	YES
PASunocoM arcusHook	705 (12-4 LSG Heater, H01)	CO	8.00E-02	Gas 1		22	YES
OKVRCOkla homa	H-201	CO	8.65E-02	Gas 1		23	YES
LACitgoLake Charles	EQT242	CO	8.95E-02	Gas 1		24	YES
MSChevronP ascagoula	F-6701	CO	9.35E-02	Gas 1		25	YES
KYCatlettsbu rgRefining	2-122-B-1	CO	9.92E-02	Gas 1		26	YES
ALHuntRefini ng	HS-2041A	CO	1.00E-01	Gas 1		27	YES
ALHuntRefini ng	HS-2041B	CO	1.00E-01	Gas 1		28	YES
ALHuntRefini ng	HS-2041C	CO	1.00E-01	Gas 1		29	YES
OKConocoP hillipsPonca City	H-0003	CO	1.00E-01	Gas 1		30	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXAirProductsBaytown	BOILER (EPN 7)	CO	1.00E-01	Gas 1		31	YES
TXChevronBaytown	H-1001	CO	1.00E-01	Gas 1		32	YES
TXEquistarPasadena	Boiler (P-25)	CO	1.00E-01	Gas 1		33	YES
TXValeroTexasCity	Heater 13- 1451	CO	1.00E-01	Gas 1		34	YES
TXValeroTexasCity	Heater 16	CO	1.00E-01	Gas 1		35	YES
TXValeroTexasCity	Heater 17	CO	1.00E-01	Gas 1		36	YES
TXValeroTexasCity	Heater 28	CO	1.00E-01	Gas 1		37	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ARWeyerhaeuserDierks Mill	SN-45	Mercury (Hg)	Biomass	6.24E-07		38	NO
HIPuuneneSugarMill	Boiler 3	Mercury (Hg)	Biomass	6.53E-07		39	NO
SCSmurfitStone	Unit 15: Boiler #3	Mercury (Hg)	Biomass	6.67E-07		40	NO
SCMarlboro Paper	Hogged Fuel Boiler	Mercury (Hg)	Biomass	7.13E-07		41	NO
MNSappiCloquet	EU004	Mercury (Hg)	Biomass	7.20E-07		42	NO
ORRoseburg Riddle2	Boiler #2	Mercury (Hg)	Biomass	7.45E-07		43	NO
ORGeorgiaPacificWauna Mill	EU35 - Fluidized Bed Boiler	Mercury (Hg)	Biomass	7.62E-07		44	NO
MSHoodWiggins	AA-003 (Wood-Fired Boiler No. 3)	Mercury (Hg)	Biomass	7.75E-07		45	NO
IDPotlatch	PB-1 CE	Mercury (Hg)	Biomass	7.83E-07		46	NO
WIFlambeau RiverPaper	B24	Mercury (Hg)	Biomass	8.00E-07		47	NO
TNDomtar2384	HFB1-1	Mercury (Hg)	Biomass	8.10E-07		48	NO
ARAnthonyForestProducts	SN-12	Mercury (Hg)	Biomass	8.24E-07		49	NO
IDPotlatch	PB-3 Hurst	Mercury (Hg)	Biomass	8.50E-07		50	NO
SCGPProsperityPly	B, Wood Fired Boiler	Mercury (Hg)	Biomass	8.51E-07		51	NO
OHSmurfitCo shocton	B006	Mercury (Hg)	Biomass	8.91E-07		52	NO
MELincolnPaper&Tissue	#8 Power Boiler	Mercury (Hg)	Biomass	9.09E-07		53	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCLP Roaring River	Boiler #2	Mercury (Hg)	Biomass	9.13E-07		54	NO
ID Potlatch	PB-2 Riley	Mercury (Hg)	Biomass	9.17E-07		55	NO
AL Meadwest vaco Cotton ton n46	No.1 Wood Residue Boiler	Mercury (Hg)	Biomass	9.75E-07		56	NO
MS Weyerhaeuser Bruce	AA-002 No. 2 Boiler	Mercury (Hg)	Biomass	9.93E-07		57	NO
WA GPC Camas	No. 3 Power Boiler	Mercury (Hg)	Biomass	9.96E-07		58	NO
ID Moyie Springs Lumber 420	HFB1	Mercury (Hg)	Biomass	1.02E-06		59	NO
VA Stanley Furniture	FB-1	Mercury (Hg)	Biomass	1.03E-06		60	NO
MS GP New Augusta	AA-015 Power Boiler	Mercury (Hg)	Biomass	1.10E-06		61	NO
GA Rayonier Jesse Mill	PB01	Mercury (Hg)	Biomass	1.19E-06		62	NO
AR GB PM Morri lton	SN-04	Mercury (Hg)	Biomass	1.22E-06		63	NO
OR Roseburg Coquille	Boiler 1	Mercury (Hg)	Biomass	1.25E-06		64	NO
TX Diboll Temple- Inland	PB-44	Mercury (Hg)	Biomass	1.26E-06		65	NO
MN Boise Paper 1212	EU 430 Boiler #2	Mercury (Hg)	Biomass	1.34E-06		66	NO
GA GP Warm Springs	EU600 Wood Fuel Boiler	Mercury (Hg)	Biomass	1.36E-06		67	NO
OR Roseburg Forest Dillard	Boiler #2	Mercury (Hg)	Biomass	1.64E-06		68	NO
OR Rosboro Springfield	DV 01.1	Mercury (Hg)	Biomass	1.65E-06		69	NO
OR SP New Spring rint	B10-EU	Mercury (Hg)	Biomass	1.73E-06		70	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
FLUSSugarC orp	Boiler No. 4	Mercury (Hg)	Biomass	1.77E-06		71	NO
WAKimberly ClarkEverett	No. 14 Cogeneratio n Boiler	Mercury (Hg)	Biomass	1.83E-06		72	NO
WAWeyerha euser_Raym ond	Hog Fuel Boiler EU1	Mercury (Hg)	Biomass	1.86E-06		73	NO
VASmurfitSt oneWestpt	PB10	Mercury (Hg)	Biomass	1.86E-06		74	NO
GARoseburg ForestVienna	600-Wood fired boiler	Mercury (Hg)	Biomass	1.90E-06		75	NO
MSSanderso nPlumbing	AD-001	Mercury (Hg)	Biomass	2.01E-06		76	NO
WANipponP aper	#8 Hog Fuel Boiler	Mercury (Hg)	Biomass	2.03E-06		77	NO
VAATCPanel s	Babcock & Wilcox Boiler	Mercury (Hg)	Biomass	2.03E-06		78	NO
ORRoseburg ForestDillard	Boiler #1	Mercury (Hg)	Biomass	2.28E-06		79	NO
WAGraysHar borPaper	No. 8 Boiler (EU1)	Mercury (Hg)	Biomass	2.42E-06		80	NO
WASimpson LumberCom pany	EU1	Mercury (Hg)	Biomass	2.50E-06		81	NO
WAGraysHar borPaper	No. 6 Boiler (EU2)	Mercury (Hg)	Biomass	2.74E-06		82	NO
ORWeyerha euserCoWar rentonLumbe rMill	3-HFB	Mercury (Hg)	Biomass	2.92E-06		83	NO
MIWhitePine Electric	IBW Boiler	Mercury (Hg)	Biomass	2.97E-06		84	NO
FLOsceolaF arms	Boiler No. 4	Mercury (Hg)	Biomass	3.21E-06		85	NO
MTPlumCree k	Wellons Plywood	Mercury (Hg)	Biomass	4.38E-06		86	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
WIllmanyL LC	B07	Mercury (Hg)	Biomass	5.16E-06		87	NO
PAProctorGa mbleMehoop anyPA	Boiler #3 (033A)	Mercury (Hg)	Biomass	6.01E-06		88	NO
FLosceolaF arms	Boiler No. 2	Mercury (Hg)	Biomass	6.30E-06		89	NO
NCLP Roaring River	Boiler #3	Mercury (Hg)	Biomass	8.00E-06		90	NO
OHAKronThe rmalEnergy	Unit #2 (B004)	Mercury (Hg)	Biomass	1.41E-05		91	NO
IAUoflowa	EP7 Boiler 11	Mercury (Hg)	Coal	1.43E-08		1	YES
MITBSimonP owerPlant	Unit 4	Mercury (Hg)	Coal	2.87E-08		2	YES
IAArchersDa nielsMidland DesMoines	Asea Boiler #1	Mercury (Hg)	Coal	3.84E-08		3	YES
IARoquetteA merica	Circulating Fluidized Bed Boiler (121)	Mercury (Hg)	Coal	6.17E-08		4	YES
INPurdueUni versity	Boiler 5	Mercury (Hg)	Coal	1.23E-07		5	YES
ILPolyOne	B1	Mercury (Hg)	Coal	1.23E-07		6	YES
MITBSimonP owerPlant	Unit 2	Mercury (Hg)	Coal	1.44E-07		7	YES
MNADM Corn Division	Coal Boiler #1 EU049	Mercury (Hg)	Coal	1.59E-07		8	YES
MNADM Corn Division	Coal Boiler #2 EU050	Mercury (Hg)	Coal	1.59E-07		8	YES
SCCogenSo uth	B001 - Main Boiler	Mercury (Hg)	Coal	1.71E-07		10	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCDomtar	65-25-0310 (No. 2 Hog Fuel Boiler)	Mercury (Hg)	Coal	1.78E-07		11	YES
MITBSimonP owerPlant	Unit 1	Mercury (Hg)	Coal	1.84E-07		12	YES
IAMonsanto Muscatine	Boiler #8 (EP- 195)	Mercury (Hg)	Coal	2.28E-07		13	YES
NCTysonHar mony	TYS-ES-21	Mercury (Hg)	Coal	2.43E-07		14	YES
IDAmalgama tedSugarCo TwinFalls	S-B1	Mercury (Hg)	Coal	2.56E-07		15	YES
VASTanleyFu rniture	FB-2	Mercury (Hg)	Coal	2.89E-07		16	YES
GASPNewsp rint	PB2	Mercury (Hg)	Coal	2.94E-07		17	YES
MENewPage- Rumford	Cogen#6	Mercury (Hg)	Coal	2.96E-07		18	YES
MENewPage- Rumford	Cogen#7	Mercury (Hg)	Coal	2.96E-07		18	YES
AKDoyonUtili ties_AK	4	Mercury (Hg)	Coal	3.52E-07		20	YES
IAADMCor nProcessingC R	EU-501B	Mercury (Hg)	Coal	3.58E-07		21	YES
VAUniversity ofVirginia	7103-1-01R	Mercury (Hg)	Coal	3.70E-07		22	YES
VADukeEner gyNarrows	Boiler #1	Mercury (Hg)	Coal	3.83E-07		23	YES
MNVersoPap er	EU006 B&W	Mercury (Hg)	Coal	3.88E-07		24	YES
MINeenahPa perMI	Boiler 1	Mercury (Hg)	Coal	3.94E-07		25	YES
OHAppletonI deas	Boiler 4 (B003)	Mercury (Hg)	Coal	3.94E-07		26	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNNissanSm yrna	Boiler 3	Mercury (Hg)	Coal	4.17E-07		27	YES
NCUNCCog en	ES-001	Mercury (Hg)	Coal	4.18E-07		28	YES
INTateLyleS agamore	31B1	Mercury (Hg)	Coal	4.31E-07		29	YES
OKGPMusko geeMill	B-3	Mercury (Hg)	Coal	4.67E-07		30	YES
TNCargillMe mphis	Stoker Boiler 8001	Mercury (Hg)	Coal	4.67E-07		31	YES
WIWausauR hine	B26	Mercury (Hg)	Coal	4.80E-07		32	YES
ALIPCourtlan d	No.2 Combination Boiler / 11CU201	Mercury (Hg)	Coal	5.38E-07		33	YES
VADukeEner gyNarrows	Boiler #2	Mercury (Hg)	Coal	5.39E-07		34	YES
TNNissanSm yrna	Boiler 2	Mercury (Hg)	Coal	5.47E-07		35	YES
PANorfolkSo uthern	031	Mercury (Hg)	Coal	6.60E-07		36	NO
PANorfolkSo uthern	032	Mercury (Hg)	Coal	6.60E-07		36	NO
PANorfolkSo uthern	033	Mercury (Hg)	Coal	6.60E-07		36	NO
MNRocheste rUtilities	EU003	Mercury (Hg)	Coal	6.61E-07		39	NO
VADukeEner gyNarrows	Boiler #7	Mercury (Hg)	Coal	6.71E-07		40	NO
ILBungeDan ville	CFB Boiler	Mercury (Hg)	Coal	7.04E-07		41	NO
AKDoyonUtili ties_AK	7	Mercury (Hg)	Coal	7.22E-07		42	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
SCSonocoH artsville	Boiler Number 9	Mercury (Hg)	Coal	7.63E-07		43	NO
IAUofNort h nlowa	Boiler #3	Mercury (Hg)	Coal	7.68E-07		44	NO
VARadfordAr myAmmuniti onPlant	Boiler No. 5	Mercury (Hg)	Coal	7.74E-07		45	NO
OH CargillSid ney	B002	Mercury (Hg)	Coal	7.93E-07		46	NO
GAInternatio nalPaperAug ustaMills	PB1A	Mercury (Hg)	Coal	8.41E-07		47	NO
TNEastman_ NO_CBIDAT A	Boiler 30	Mercury (Hg)	Coal	8.89E-07		48	NO
NJVinelandM uniElectric- HowardDow n	Unit 10	Mercury (Hg)	Coal	8.97E-07		49	NO
VASmurfitSt oneWestpt	PB08	Mercury (Hg)	Coal	9.48E-07		50	NO
NCMCASCh erryPoint	CP-152- BOIL-02	Mercury (Hg)	Coal	9.50E-07		51	NO
VAVirginiaPo lytechnic	Boiler 11	Mercury (Hg)	Coal	1.00E-06		52	NO
WVPPGMart insville	R011-Boiler 3	Mercury (Hg)	Coal	1.02E-06		53	NO
WIGreenBay PackagingMil IDivision	Boiler B26- Coal Fired Boiler	Mercury (Hg)	Coal	1.03E-06		54	NO
IDTASCONa mpa	Babcock and Wilcox (B&W) #1	Mercury (Hg)	Coal	1.04E-06		55	NO
IDTASCONa mpa	Babcock and Wilcox (B&W) #2	Mercury (Hg)	Coal	1.04E-06		55	NO
MNRocheste rUtilities	EU002	Mercury (Hg)	Coal	1.06E-06		57	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
IDAmalgama tedSugarCo TwinFalls	S-B2	Mercury (Hg)	Coal	1.13E-06		58	NO
NDMinnDak Farmers	Babcock and Wilcox Boiler #5	Mercury (Hg)	Coal	1.14E-06		59	NO
IDTASCOPa ul	Erie City Boiler	Mercury (Hg)	Coal	1.19E-06		60	NO
VADukeEner gyNarrows	Boiler #4	Mercury (Hg)	Coal	1.20E-06		61	NO
MOAnheuser Busch	Boiler 5	Mercury (Hg)	Coal	1.21E-06		62	NO
MOAnheuser Busch	Boiler 1	Mercury (Hg)	Coal	1.25E-06		63	NO
GAGPSRMR iincon	EU BO01	Mercury (Hg)	Coal	1.26E-06		64	NO
VAMeadWes tVaco- CovingtonVA	PWR006	Mercury (Hg)	Coal	1.29E-06		65	NO
VAMeadWes tVaco- CovingtonVA	PWR007	Mercury (Hg)	Coal	1.29E-06		65	NO
VAMeadWes tVaco- CovingtonVA	PWR008	Mercury (Hg)	Coal	1.29E-06		65	NO
VAMeadWes tVaco- CovingtonVA	PWR009	Mercury (Hg)	Coal	1.29E-06		65	NO
WIAppleton	B22 Coal Fired Boiler	Mercury (Hg)	Coal	1.30E-06		69	NO
VABearIslan dPaperCoAs hland	Unit Ref #2 (Combo Boiler)	Mercury (Hg)	Coal	1.33E-06		70	NO
INSABICInno vativePlastic s	01-001 BW1 Boiler	Mercury (Hg)	Coal	1.34E-06		71	NO
INSABICInno vativePlastic s	01-001 BW2 Boiler	Mercury (Hg)	Coal	1.34E-06		71	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
PAPHGlatfelt er	PB5	Mercury (Hg)	Coal	1.37E-06		73	NO
OHSmartPa persHoldings LLC	B020	Mercury (Hg)	Coal	1.39E-06		74	NO
WIGPGreen Bay2818	B25 - Stoker Boiler #5	Mercury (Hg)	Coal	1.39E-06		75	NO
WIGPGreen Bay2818	B26 - Stoker Boiler #6	Mercury (Hg)	Coal	1.39E-06		75	NO
WIGPGreen Bay2818	B27 - Cyclone Boiler #7	Mercury (Hg)	Coal	1.39E-06		75	NO
WIGPGreen Bay2818	B28 - Stoker Boiler #8	Mercury (Hg)	Coal	1.39E-06		75	NO
VADukeEner gyNarrows	Boiler #5	Mercury (Hg)	Coal	1.41E-06		79	NO
GAGPCedar Springs	U500 - Power Boiler No 1	Mercury (Hg)	Coal	1.42E-06		80	NO
ALGeorgiaP acificNaheol a	Z016 - CB2	Mercury (Hg)	Coal	1.43E-06		81	NO
MNRocheste rUtilities	EU001	Mercury (Hg)	Coal	1.47E-06		82	NO
VADukeEner gyNarrows	Boiler #3	Mercury (Hg)	Coal	1.47E-06		83	NO
WIFlambeau RiverPaper	B24	Mercury (Hg)	Coal	1.48E-06		84	NO
MIHollandBP W	Unit 3	Mercury (Hg)	Coal	1.49E-06		85	NO
GACaraustar	CB01	Mercury (Hg)	Coal	1.54E-06		86	NO
WVPPGMart insville	R072-Boiler 5	Mercury (Hg)	Coal	1.55E-06		87	NO
WIWausauR hine	B20	Mercury (Hg)	Coal	1.60E-06		88	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
WIWausauR hine	B21	Mercury (Hg)	Coal	1.60E-06		88	NO
WIWausauR hine	B22	Mercury (Hg)	Coal	1.60E-06		88	NO
WIWausauR hine	B23	Mercury (Hg)	Coal	1.60E-06		88	NO
OHDukeEner gyGeneratio nCincinnati	B022 (Boiler #4, IG-4A)	Mercury (Hg)	Coal	1.71E-06		92	NO
MNAmerican CrystalCrook ston	Boiler 1	Mercury (Hg)	Coal	1.72E-06		93	NO
MNWausauP aper- Brainerd	EU 002	Mercury (Hg)	Coal	1.72E-06		94	NO
MNWausauP aper- Brainerd	EU 003	Mercury (Hg)	Coal	1.72E-06		94	NO
IDTASCO Pa ul	Babcock and Wilcox (B&W) Boiler	Mercury (Hg)	Coal	1.76E-06		96	NO
WIDairyland Power-Alma	Alma 1	Mercury (Hg)	Coal	1.78E-06		97	NO
WIDairyland Power-Alma	Alma 2	Mercury (Hg)	Coal	1.78E-06		97	NO
WIDairyland Power-Alma	Alma 3	Mercury (Hg)	Coal	1.78E-06		97	NO
MAUMass	EU#3	Mercury (Hg)	Coal	1.79E-06		100	NO
MAUMass	EU#4	Mercury (Hg)	Coal	1.79E-06		100	NO
MAUMass	EU#5	Mercury (Hg)	Coal	1.79E-06		102	NO
OHCargillSid ney	B001	Mercury (Hg)	Coal	1.80E-06		103	NO
MIPharma& Upjohn1180	Boiler 3	Mercury (Hg)	Coal	1.82E-06		104	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
OHPainesvilleMunicipalElectric	B004	Mercury (Hg)	Coal	1.84E-06		105	NO
WIThilmansvilleLC	B09	Mercury (Hg)	Coal	1.85E-06		106	NO
WIThilmansvilleLC	B11	Mercury (Hg)	Coal	1.85E-06		106	NO
WINewPage-WisconsinRapids	Power Boiler 2 - B20	Mercury (Hg)	Coal	1.85E-06		108	NO
GACargill-Gainesville	B001	Mercury (Hg)	Coal	1.90E-06		109	NO
OHMortonSaltRittman	B003 - Coal-Fired Boiler #1	Mercury (Hg)	Coal	1.90E-06		109	NO
VARadfordArmyAmmunitionPlant	Boiler No. 3	Mercury (Hg)	Coal	1.90E-06		109	NO
NCUNCCogen	ES-002	Mercury (Hg)	Coal	1.93E-06		112	NO
IAMuscatinePowerandWater	Unit 7	Mercury (Hg)	Coal	1.96E-06		113	NO
OKGPMuskoogeeMill	B-4	Mercury (Hg)	Coal	2.00E-06		114	NO
NCBlueRidgePaper	G11042	Mercury (Hg)	Coal	2.05E-06		115	NO
MOIPLBlueValley	Unit 1	Mercury (Hg)	Coal	2.09E-06		116	NO
PABayValleyFoodsPittsburgh	Boiler No. 3	Mercury (Hg)	Coal	2.09E-06		116	NO
PABayValleyFoodsPittsburgh	Boiler No. 4	Mercury (Hg)	Coal	2.09E-06		118	NO
MDDeptofNavySupportFacilityIndianHead	PTO - 873 - E3 (3-0006) (Boiler 3)	Mercury (Hg)	Coal	2.10E-06		119	NO
OHMortonSaltRittman	B002 - Coal-Fired Boiler #2	Mercury (Hg)	Coal	2.10E-06		119	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCBlueRidgePaper	G11040	Mercury (Hg)	Coal	2.10E-06		121	NO
MOAnheuserBusch	Boiler 8	Mercury (Hg)	Coal	2.13E-06		122	NO
MITBSimonPowerPlant	Unit 3	Mercury (Hg)	Coal	2.13E-06		123	NO
TNEastman_NO_CBIDATA	Boiler 31	Mercury (Hg)	Coal	2.13E-06		124	NO
ALGeorgiaPacificNaheola	Z015 - CB1	Mercury (Hg)	Coal	2.14E-06		125	NO
WYGeneralChemical	GR-2-L (C BOILER)	Mercury (Hg)	Coal	2.18E-06		126	NO
VARadfordArmyAmmunitionPlant	Boiler No. 2	Mercury (Hg)	Coal	2.26E-06		127	NO
ILPrairiePowerPearl	B1	Mercury (Hg)	Coal	2.27E-06		128	NO
WINewPage-WisconsinRapids	Power Boiler 1 - B21	Mercury (Hg)	Coal	2.28E-06		129	NO
OHUofCincinnati	B108	Mercury (Hg)	Coal	2.28E-06		130	NO
NYAESWestover	Boiler 13	Mercury (Hg)	Coal	2.29E-06		131	NO
VAGPBigIsland2703	PWR04 - No. 4 Power Boiler	Mercury (Hg)	Coal	2.29E-06		132	NO
VAPhilipMorrisPark500	B3	Mercury (Hg)	Coal	2.34E-06		133	NO
MOIP&LMissouriCity	Unit 1	Mercury (Hg)	Coal	2.35E-06		134	NO
MOIP&LMissouriCity	Unit 2	Mercury (Hg)	Coal	2.35E-06		134	NO
MOBASFHannibal	Coal Fired Boiler #5	Mercury (Hg)	Coal	2.38E-06		136	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
VAINVISTA Waynesboro	2-205 (B#2) Boiler #2	Mercury (Hg)	Coal	2.46E-06		137	NO
WVUCCSout hCharleston	B25	Mercury (Hg)	Coal	2.46E-06		137	NO
MOMallinckr odt	Boiler 6	Mercury (Hg)	Coal	2.47E-06		139	NO
NCDomtar	64-25-0290 (No. 1 Hog Fuel Boiler)	Mercury (Hg)	Coal	2.47E-06		140	NO
WINewPage Biron	B24	Mercury (Hg)	Coal	2.54E-06		141	NO
TNOakRidge- Y12	Boiler/Unit 31	Mercury (Hg)	Coal	2.57E-06		142	NO
OHShelbyMu niLightPlant	B008	Mercury (Hg)	Coal	2.63E-06		143	NO
SCClemson	04-B04	Mercury (Hg)	Coal	2.63E-06		144	NO
OKGPMusko geeMill	B-2	Mercury (Hg)	Coal	2.67E-06		145	NO
TNBowaterN ewsprint	Power Boiler No. 3	Mercury (Hg)	Coal	2.77E-06		146	NO
WIWausau	# 6 Power Boiler (B20)	Mercury (Hg)	Coal	2.79E-06		147	NO
OHShelbyMu niLightPlant	B007	Mercury (Hg)	Coal	2.80E-06		148	NO
VADukeEner gyNarrows	Boiler #6	Mercury (Hg)	Coal	2.83E-06		149	NO
WIThilmay PapersNicole tMill	B23	Mercury (Hg)	Coal	2.86E-06		150	NO
WIThilmay PapersNicole tMill	B24	Mercury (Hg)	Coal	2.86E-06		150	NO
NYCornellUn iversity	B1	Mercury (Hg)	Coal	2.95E-06		152	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNEastman_ NO_CBI DAT A	Boiler 25	Mercury (Hg)	Coal	2.97E-06		153	NO
FLSmurfit- Stone	7PB	Mercury (Hg)	Coal	2.99E-06		154	NO
WIWausau	# 5 Power Boiler (B24)	Mercury (Hg)	Coal	3.08E-06		155	NO
NCBlueRidg ePaper	G11039	Mercury (Hg)	Coal	3.13E-06		156	NO
PAPHGlatfelt er	PB4	Mercury (Hg)	Coal	3.14E-06		157	NO
PAPHGlatfelt er	PB1	Mercury (Hg)	Coal	3.15E-06		158	NO
PAPHGlatfelt er	PB3	Mercury (Hg)	Coal	3.15E-06		159	NO
ILRockIsland Arsenal	Boiler #4	Mercury (Hg)	Coal	3.15E-06		160	NO
TNEastman_ NO_CBI DAT A	Boiler 27	Mercury (Hg)	Coal	3.23E-06		161	NO
ILADMPeoria	EU-PH101	Mercury (Hg)	Coal	3.25E-06		162	NO
ILADMPeoria	EU-PH102	Mercury (Hg)	Coal	3.25E-06		162	NO
WYGeneralC hemical	GR-3-W (D BOILER)	Mercury (Hg)	Coal	3.27E-06		164	NO
WVSunocoln cNealPlantK enova	B602, Coal Boiler	Mercury (Hg)	Coal	3.30E-06		165	NO
MOIPLBlueV alley	Unit 2	Mercury (Hg)	Coal	3.32E-06		166	NO
GAInternatio nalPaperAug ustaMills	PB2A	Mercury (Hg)	Coal	3.35E-06		167	NO
ILRockIsland Arsenal	NBN 12602 (Boiler #1)	Mercury (Hg)	Coal	3.36E-06		168	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MIManistique Paper	EUBLR001	Mercury (Hg)	Coal	3.37E-06		169	NO
MIManistique Paper	EUBLR002	Mercury (Hg)	Coal	3.37E-06		169	NO
ILADMQuinc y	EU-5003	Mercury (Hg)	Coal	3.42E-06		171	NO
ILADMQuinc y	EU-5004	Mercury (Hg)	Coal	3.42E-06		171	NO
MIHollandBP W	Unit 4	Mercury (Hg)	Coal	3.45E-06		173	NO
MNHibbing	Unit 2A	Mercury (Hg)	Coal	3.50E-06		174	NO
VAVirginiaPo lytechnic	Boiler 7	Mercury (Hg)	Coal	3.50E-06		174	NO
PABayValley FoodsPittsbu rgh	Boiler No. 1	Mercury (Hg)	Coal	3.55E-06		176	NO
PABayValley FoodsPittsbu rgh	Boiler No. 2	Mercury (Hg)	Coal	3.55E-06		176	NO
VAPhilipMorr isPark500	B2	Mercury (Hg)	Coal	3.57E-06		178	NO
MNWausauP aper- Brainerd	EU 004	Mercury (Hg)	Coal	3.67E-06		179	NO
MNHibbing	Unit 1A	Mercury (Hg)	Coal	3.70E-06		180	NO
PADomtarJo hnsonburg	#81 Coal Boiler	Mercury (Hg)	Coal	3.77E-06		181	NO
PADomtarJo hnsonburg	#82 Coal Boiler	Mercury (Hg)	Coal	3.77E-06		182	NO
MNAmerican CrystalMoorh ead	Boiler 3	Mercury (Hg)	Coal	3.78E-06		183	NO
TNViskase	Boiler 1	Mercury (Hg)	Coal	3.80E-06		184	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNViskase	Boiler 2	Mercury (Hg)	Coal	3.80E-06		184	NO
NCMillerCoors	ES-1 Coal/No. 2 & 6 Fuel Oil Boiler	Mercury (Hg)	Coal	3.86E-06		186	NO
OHUSEnrichmentCorpPiketon	X-600 Boiler No. 3	Mercury (Hg)	Coal	3.92E-06		187	NO
WIDomtarNe koosa	B20 - Boiler No. 1	Mercury (Hg)	Coal	3.93E-06		188	NO
WIDomtarNe koosa	B21 - Boiler No. 2	Mercury (Hg)	Coal	3.93E-06		188	NO
WIDomtarNe koosa	B22 - Boiler No. 7	Mercury (Hg)	Coal	3.93E-06		188	NO
WIDomtarNe koosa	B24 - Boiler No. 10	Mercury (Hg)	Coal	3.93E-06		188	NO
ILAbbottAbbottPark	Unit 5AP	Mercury (Hg)	Coal	3.94E-06		192	NO
MICityofEscanaba	EUBOILER# 1	Mercury (Hg)	Coal	4.00E-06		193	NO
NCKapStone	PB1	Mercury (Hg)	Coal	4.01E-06		194	NO
MNDESPHansONyman	EU003	Mercury (Hg)	Coal	4.09E-06		195	NO
MDDeptofNavySupportFacilityIndianHead	PTO - 873 - E2 (3-0005) (Boiler 2)	Mercury (Hg)	Coal	4.10E-06		196	NO
MIPharma&Upjohn1178	EUEBLR43- 5 (Boiler No. 5)	Mercury (Hg)	Coal	4.11E-06		197	NO
NCBlueRidgePaper	G11038	Mercury (Hg)	Coal	4.24E-06		198	NO
NCBlueRidgePaper	G11037	Mercury (Hg)	Coal	4.24E-06		199	NO
MNDESPHansONyman	EU002	Mercury (Hg)	Coal	4.27E-06		200	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
VAPhilipMorr isMC	PC	Mercury (Hg)	Coal	4.37E-06		201	NO
OHAKronThe rmalEnergy	Boiler #32 (B001)	Mercury (Hg)	Coal	4.37E-06		202	NO
OHAppletonI deas	Boiler 2 (B002)	Mercury (Hg)	Coal	4.38E-06		203	NO
OHCOgnisOl eochem	Boiler #1 (B027)	Mercury (Hg)	Coal	4.60E-06		204	NO
OHCampbell sSoupCo	B001	Mercury (Hg)	Coal	4.60E-06		205	NO
OHCampbell sSoupCo	B002	Mercury (Hg)	Coal	4.60E-06		205	NO
WVATKRock etCenter	NB2766 W- 17479-W (Boiler 17)	Mercury (Hg)	Coal	4.76E-06		207	NO
MIPharma& Upjohn1178	EUEBLR43- 2 (Boiler No. 2)	Mercury (Hg)	Coal	4.79E-06		208	NO
VARadfordAr myAmmuniti onPlant	Boiler No. 4	Mercury (Hg)	Coal	4.80E-06		209	NO
NCMCASCh erryPoint	CP-152- BOIL-01	Mercury (Hg)	Coal	4.83E-06		210	NO
NYCornellUn iversity	B8	Mercury (Hg)	Coal	4.83E-06		211	NO
KYISPCchemi cals	0AA (Riley)	Mercury (Hg)	Coal	4.91E-06		212	NO
WVBayerInst itute	Boiler #10	Mercury (Hg)	Coal	4.93E-06		213	NO
WVBayerInst itute	Boiler #12	Mercury (Hg)	Coal	4.93E-06		213	NO
WVBayerInst itute	Boiler #11	Mercury (Hg)	Coal	4.93E-06		215	NO
OHShelbyMu niLightPlant	B006	Mercury (Hg)	Coal	4.98E-06		216	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MDNewPage Luke	No. 25	Mercury (Hg)	Coal	5.21E-06		217	NO
NCMillerCoor s	ES-2 Coal/No. 2 & 6 Fuel Oil Boiler	Mercury (Hg)	Coal	5.25E-06		218	NO
TNDuPontOl dHickoryPlan t	#24 Boiler	Mercury (Hg)	Coal	5.27E-06		219	NO
PAARGBradf ord	37	Mercury (Hg)	Coal	5.51E-06		220	NO
NCCampLej euneMCB	A-HP-1700- 01	Mercury (Hg)	Coal	5.65E-06		221	NO
NCCampLej euneMCB	A-HP-1700- 02	Mercury (Hg)	Coal	5.65E-06		221	NO
TNDuPontOl dHickoryPlan t	#20 Boiler	Mercury (Hg)	Coal	5.67E-06		223	NO
MOTrigenKa nsasCity	Boiler 6	Mercury (Hg)	Coal	5.72E-06		224	NO
MOTrigenKa nsasCity	Boiler 8	Mercury (Hg)	Coal	5.76E-06		225	NO
FLIPPensac ola	Power Boiler 3 / EU ID 33	Mercury (Hg)	Coal	5.85E-06		226	NO
OHBataviaTr ansmissions	Boiler 2 (B002)	Mercury (Hg)	Coal	6.00E-06		227	NO
OHPainesvill eMunicipalEl ectric	B001	Mercury (Hg)	Coal	6.04E-06		228	NO
OHSmartPa persHoldings LLC	B010	Mercury (Hg)	Coal	6.16E-06		229	NO
INSABICInno vativePlastic s	09-002 Erie Boiler	Mercury (Hg)	Coal	6.24E-06		230	NO
INSABICInno vativePlastic s	09-002 Lasker Boiler	Mercury (Hg)	Coal	6.24E-06		230	NO
FLIPPensac ola	Power Boiler 4 / EU ID 37	Mercury (Hg)	Coal	6.30E-06		232	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
OHPainesvilleMunicipalElectric	B003	Mercury (Hg)	Coal	6.34E-06		233	NO
MIMenominee	#3 Boiler	Mercury (Hg)	Coal	6.60E-06		234	NO
ALCargill-Decatur	Keeler (S-407)	Mercury (Hg)	Coal	6.63E-06		235	NO
OHMedicalCenterCo1915	B003	Mercury (Hg)	Coal	6.83E-06		236	NO
OHMedicalCenterCo1915	B004	Mercury (Hg)	Coal	6.83E-06		236	NO
TNBowaterNewsprint	Power Boiler No. 1	Mercury (Hg)	Coal	6.93E-06		238	NO
NCCampLejeuneMCB	A-HP-1700-03	Mercury (Hg)	Coal	6.95E-06		239	NO
NCCampLejeuneMCB	A-HP-1700-04	Mercury (Hg)	Coal	6.95E-06		239	NO
WVDuPontWashingtonWorks	P05	Mercury (Hg)	Coal	7.14E-06		241	NO
ILDukeEnergyTuscola	Unit 1	Mercury (Hg)	Coal	7.19E-06		242	NO
OHUSEnrichmentCorpPiketon	X-600 Boiler No. 1	Mercury (Hg)	Coal	7.39E-06		243	NO
VAGPJarrattFiberboard	EP-15 No. 3 Keeler Boiler	Mercury (Hg)	Coal	7.40E-06		244	NO
MIEBEddyPaper	EUBOILER5	Mercury (Hg)	Coal	7.43E-06		245	NO
WINewPageBiron	B23	Mercury (Hg)	Coal	7.69E-06		246	NO
OHUSEnrichmentCorpPiketon	X-600 Boiler No. 2	Mercury (Hg)	Coal	8.06E-06		247	NO
MNHibbing	Unit 3A	Mercury (Hg)	Coal	8.43E-06		248	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
IAJohnDeere Dubuque	Boiler 1	Mercury (Hg)	Coal	8.49E-06		249	NO
IAJohnDeere Dubuque	Boiler 4	Mercury (Hg)	Coal	8.49E-06		249	NO
MOColumbia PowerPlant	Boiler Unit 6	Mercury (Hg)	Coal	8.52E-06		251	NO
MOColumbia PowerPlant	Boiler Unit 7	Mercury (Hg)	Coal	8.52E-06		251	NO
INNotreDam e	B-4	Mercury (Hg)	Coal	8.53E-06		253	NO
WINewPage- Whiting	B24	Mercury (Hg)	Coal	8.69E-06		254	NO
WVPPGMart insville	R015-Boiler 4	Mercury (Hg)	Coal	8.85E-06		255	NO
IACentrallAP ower	EP1 Unit 1 PC Boiler	Mercury (Hg)	Coal	9.03E-06		256	NO
MDDeptofNa vySupportFa cilityIndianHe ad	PTO - 873 - E1 (3-0004) (Boiler 1)	Mercury (Hg)	Coal	9.17E-06		257	NO
PAPennStat e	31	Mercury (Hg)	Coal	9.34E-06		258	NO
PAPennStat e	32	Mercury (Hg)	Coal	9.34E-06		258	NO
PAPennStat e	34	Mercury (Hg)	Coal	9.34E-06		258	NO
PAPennStat e	35	Mercury (Hg)	Coal	9.34E-06		258	NO
MICityofEsca naba	EUBOILER# 2	Mercury (Hg)	Coal	9.48E-06		262	NO
PABellefield Plant	Boiler 3	Mercury (Hg)	Coal	9.75E-06		263	NO
INTateLyleLa fayetteSouth	LA-45	Mercury (Hg)	Coal	9.86E-06		264	NO
IAUoflowa	EP6 Boiler 10	Mercury (Hg)	Coal	1.00E-05		265	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
PAAppleton Papers	#036	Mercury (Hg)	Coal	1.03E-05		266	NO
INBungeDec atur	B&W (1SP1)	Mercury (Hg)	Coal	1.05E-05		267	NO
INBungeDec atur	Keeler (2SP1)	Mercury (Hg)	Coal	1.05E-05		267	NO
TNInvistaCh attanooaga	EU002 - Boiler #4	Mercury (Hg)	Coal	1.22E-05		269	NO
WVDuPont Washington Works	P02	Mercury (Hg)	Coal	1.37E-05		270	NO
INNotreDam e	B-2	Mercury (Hg)	Coal	1.43E-05		271	NO
INNotreDam e	B-3	Mercury (Hg)	Coal	1.43E-05		272	NO
WVDuPont Washington Works	P03	Mercury (Hg)	Coal	1.60E-05		273	NO
TNTateLyleL oudon	PES #34	Mercury (Hg)	Coal	1.62E-05		274	NO
TNTateLyleL oudon	PES #35	Mercury (Hg)	Coal	1.82E-05		275	NO
WVDuPont Washington Works	P06	Mercury (Hg)	Coal	1.97E-05		276	NO
MDNewPage Luke	No. 24	Mercury (Hg)	Coal	1.97E-05		277	NO
DEINVISTA	EU 001 - Coal Boiler No. 1	Mercury (Hg)	Coal	2.80E-05		278	NO
MNVersoPap er	EU018 Bros	Mercury (Hg)	Coal	2.81E-05		279	NO
DEINVISTA	EU 003 - Coal Boiler No. 3	Mercury (Hg)	Coal	3.50E-05		280	NO
OHCargillAkr on	B001	Mercury (Hg)	Coal	8.03E-05		281	NO
MSDuPontD eLisle1342	AF-101A (BLR-1342)	Mercury (Hg)	Coal	5.36E-04		282	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MSDuPontD eLisle1342	AF-101B (BLR-1342)	Mercury (Hg)	Coal	5.36E-04		282	NO
WINewPage Kimberly	B21	Mercury (Hg)	Coal	1.73E-03		284	NO
WINewPage Kimberly	B22	Mercury (Hg)	Coal	1.73E-03		284	NO
NCCampLej euneMCB	C-AS-4151- 16	Mercury (Hg)	Gas 1	9.35E-08		1	YES
CAConocoP hilipsLosAng	D146 B-202 U90	Mercury (Hg)	Gas 1	1.21E-07		2	YES
ILAkzoNobel Morris	B-1 Nebraska Boiler	Mercury (Hg)	Gas 1	1.27E-07		3	NO
CAExxonMo bil-Torrance	25F-1A	Mercury (Hg)	Gas 1	2.30E-07		4	NO
CAExxonMo bil-Torrance	25F-1B	Mercury (Hg)	Gas 1	2.30E-07		4	NO
CAExxonMo bil-Torrance	25F-2A	Mercury (Hg)	Gas 1	2.30E-07		4	NO
CAExxonMo bil-Torrance	25F-2B	Mercury (Hg)	Gas 1	2.30E-07		4	NO
SCEastman Colombia	HTM Heater #3 (Equip ID 1101)	Mercury (Hg)	Gas 1	3.35E-07		8	NO
SCMichelinS andySprings	B:02:01	Mercury (Hg)	Gas 1	3.55E-07		9	NO
KSCoffeyville Refinery	EU-39- FH0027	Mercury (Hg)	Gas 1	3.63E-07		10	NO
WYSinclairW yoming	Pt 74 #2 H2 Plant Heater	Mercury (Hg)	Gas 1	5.40E-07		11	NO
WYSinclairW yoming	Pt 41 #9 HPB	Mercury (Hg)	Gas 1	7.02E-07		12	NO
CAExxonMo bil-Torrance	24F-1	Mercury (Hg)	Gas 1	1.59E-06		13	NO
MNSiPaulPa rkRef	EU 026	Mercury (Hg)	Gas 1	1.87E-06		14	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ILUSSGraniteCity	No. 8 Galvanizing Line Furnace	Mercury (Hg)	Gas 1	3.32E-08 y		1	YES
INNucorSteel	Cold Mill Annealing	Mercury (Hg)	Gas 1	1.29E-07 y		2	NO
INArcelorMittalBurnsHarbor	Hot Dip Coating Line Annealing Furnace	Mercury (Hg)	Gas 1	1.51E-07 y		3	NO
UTWestinghouse	202	Mercury (Hg)	Gas 1	7.50E-07 y		4	NO
INOutokumpuStainlessPlate	Heppenstall Annealing Furnace	Mercury (Hg)	Gas 1	1.17E-06 y		5	NO
INAlcoaWarriick	Annealing Furnace #15	Mercury (Hg)	Gas 1	2.68E-06 y		6	NO
INAlcoaWarriick	Pre-Heat Furnace #36	Mercury (Hg)	Gas 1	2.68E-06 y		6	NO
SCBMWManufacturingCo	HB03	Mercury (Hg)	Gas 2	8.25E-08		1	YES
LAShellChemicaGeismar	Furnace F-S801	Mercury (Hg)	Gas 2	1.07E-07		2	NO
INTateLyleSagamore	21B501	Mercury (Hg)	Gas 2	1.58E-07		3	NO
INRollsRoyceIndianapolis	70-65	Mercury (Hg)	Gas 2	2.51E-07		4	NO
WIGPGreenBay2818	B29 - Fluidized Bed Boiler #9	Mercury (Hg)	Gas 2	3.64E-07		5	NO
GAGPSRMRLincoln	EU BO02	Mercury (Hg)	Gas 2	5.67E-07		6	NO
MDSeverstalSparrows	1BLR (No. 1 Boiler)	Mercury (Hg)	Gas 2	1.30E-06		7	NO
WVMountainStateCarbonFollansbee	S1	Mercury (Hg)	Gas 2	6.20E-06		8	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MNGPDuluth	EU33 Boiler #3	Mercury (Hg)	Liquid	5.87E-08		1	YES
MEFPLEnergyWyman	Unit #5	Mercury (Hg)	Liquid	8.60E-08		2	YES
ILCognisCorp	Boiler #2	Mercury (Hg)	Liquid	1.09E-07		3	YES
ILCognisCorp	Boiler #1	Mercury (Hg)	Liquid	1.09E-07		3	YES
PABoeingRidleyPark	033	Mercury (Hg)	Liquid	1.22E-07		5	YES
NYConEd59thStStationNewYork	Boiler 118	Mercury (Hg)	Liquid	1.39E-07		6	YES
SCMilliken-Dewey	D30	Mercury (Hg)	Liquid	3.20E-07		7	YES
NJVinelandMiniElectric-HowardDow	Unit 9	Mercury (Hg)	Liquid	3.87E-07		8	YES
MESDWarrenSomerset	Package Boiler	Mercury (Hg)	Liquid	3.92E-07		9	YES
CTElectricBoat	EMU 18	Mercury (Hg)	Liquid	4.36E-07		10	YES
CTElectricBoat	EMU 17	Mercury (Hg)	Liquid	4.36E-07		10	YES
INUSSteelGaryWorks	O4B10459	Mercury (Hg)	Liquid	7.79E-07		12	YES
TNMilanArmyAmmunitionPlant	I3A-1, Source #27- 0010-12	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArmyAmmunitionPlant	F52L-2, Source #27- 0010-30	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArmyAmmunitionPlant	I4A-1, Source #27- 0010-13	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArmyAmmunitionPlant	D88L-2, Source #27- 0010-86	Mercury (Hg)	Liquid	2.15E-06		13	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNMilanArm yAmmunition Plant	D88L-1, Source #27- 0010-86	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	D2A-1, Source #27- 0010-09	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	B21L-1, Source #27- 0010-28	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	A15L-1, Source #27- 0010-05	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	I5A-1, Source #27- 0010-14	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	K313A-1, Source #27- 0010-83	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	B21L-2, Source #27- 0010-28	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	T116A-1, Source #27- 0010-84	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	X21L-2, Source #27- 0010-29	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	X21L-3, Source #27- 0010-29	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	K300A-1, Source #27- 0010-19	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	T116A-2, Source #27- 0010-84	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	I6A-1, Source #27- 0010-15	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	S101A-2, Source #27- 0010-21	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	S101A-1, Source #27- 0010-21	Mercury (Hg)	Liquid	2.15E-06		13	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNMilanArm yAmmunition Plant	K313A-2, Source #27- 0010-83	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	K300A-2, Source #27- 0010-19	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	X21L-1, Source #27- 0010-29	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	K102L-1, Source #27- 0010-42	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	J107A-2, Source #27- 0010-31	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	J107A-1, Source #27- 0010-31	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	I7A-1, Source #27- 0010-16	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	V1L-1, Source #27- 0010-46	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	F52L-1, Source #27- 0010-30	Mercury (Hg)	Liquid	2.15E-06		13	YES
TNMilanArm yAmmunition Plant	A15L-2, Source #27- 0010-05	Mercury (Hg)	Liquid	2.15E-06		13	YES
NCDomtar	66-25-2050 (No. 1 Package Boiler)	Mercury (Hg)	Liquid	5.03E-06		42	NO
TNInvistaCh attanoooga	EU003 - Vaporizer #2	Mercury (Hg)	Liquid	5.16E-06		43	NO
NCMCASCh erryPoint	CP-1795- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1791- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1787- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-3919- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCMCASCh erryPoint	CP-1783- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4049- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1781- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1780- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1779- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1777- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-152- BOIL-04	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-152- BOIL-03	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1229- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1786- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4402- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4639- BOIL-02	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4639- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4576- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4571- BOIL-02	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4571- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCMCASCh erryPoint	CP-4564- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-248- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4465- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4639- BOIL-03	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4401- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4390- BOIL-03	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4390- BOIL-02	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4390- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4344- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4298- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4213- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4563- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4810- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-3916- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-487- BOIL-02	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-487- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-486- BOIL-02	Mercury (Hg)	Liquid	5.20E-06		44	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCMCASCh erryPoint	CP-486- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1782- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-4041- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-192- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCMCASCh erryPoint	CP-1799- BOIL-01	Mercury (Hg)	Liquid	5.20E-06		44	NO
NCCampLej euneMCB	C-AS-3525- 15	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-A71-H5	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-PP-1943- H7	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-2800- 12	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-1000- H21	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-1000- 20	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-BB-9-55	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-BB-9-54	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-BB-9-53B	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-BB-49-52	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-4044- 22	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-A-A1-50	Mercury (Hg)	Liquid	5.21E-06		86	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	C-AS-4044- 23	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-A71-49	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-A66-H3	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-A66-48	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-TT-60-79	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-TT-60-78	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-TT-44-30	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-TT-2457- 66	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-PP-2615- 10	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-3502- 08	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	B-A-A47-51	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-CG-650- 84B	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-VL- TFM204-02	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-VL- TFM204-01	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-VL- TFM203-02	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-VL- TFM203-01	Mercury (Hg)	Liquid	5.21E-06		86	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	C-VL- TFM104-01	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-VL- TFM103-01	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-TC-1500- 60	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-RR-15- 47B	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-3504- 09	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-CG-650- 85	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-PP-1943- 08	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-CG-650- 83B	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-CG-480- 89	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-843-14	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-840-13	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-710-03	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-705-11	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-4151- 18	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-4151- 17A	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	C-AS-4151- 16	Mercury (Hg)	Liquid	5.21E-06		86	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	C-RR-15- 46B	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-890- H9	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-PP-2615- 09	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-2027- H15	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-2027- H14	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-2027- H13	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-2027- 21	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-2027- 20	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-1700- 05	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-FC-989-31	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-40-75	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-FC-260-90	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-40-76	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-890- H10	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-890-15	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-890-14	Mercury (Hg)	Liquid	5.21E-06		86	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	A-BM-835-07	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-835-06	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-825- H1	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-825-13	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-825-12	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-5400- 81	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-FC-440-87	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-MP-625-72	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-NH-121- H1	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-NH-121-01	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-NH-120- H4	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-NH-120-04	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-NH-118-03	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-NH-100-05	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-NH-100-02	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-NH-100-01	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-2027- H16	Mercury (Hg)	Liquid	5.21E-06		86	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 1 - Hg Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	A-MP-625-73	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-BM-5400- 80	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-MP-230-40	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-MP-230-39	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-MP-230-38	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-MG-SH8- 58	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-LCH-4022- 19	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-LCH-4014- 17	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-989-31	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-738-59	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-670-88	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-HP-500-86	Mercury (Hg)	Liquid	5.21E-06		86	NO
NCCampLej euneMCB	A-MP-625-74	Mercury (Hg)	Liquid	5.21E-06		86	NO
WIGPGreen Bay2818	B10 - Wastepaper Sludge-Fired Boiler 10	Mercury (Hg)	Liquid	5.45E-06		176	NO
SCGPChem Russellville	FO Boiler	Mercury (Hg)	Liquid	4.90E-05		177	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
GAGPCelluloseBrunswick	U700 -- No. 4 Power Boiler	Hydrogen Chloride (HCl)	Biomass	5.53E-04		38	NO
ORRoseburgRiddle2	Boiler #2	Hydrogen Chloride (HCl)	Biomass	5.67E-04		39	NO
MSSanderso nPlumbing	AD-001	Hydrogen Chloride (HCl)	Biomass	6.33E-04		40	NO
LAGPPortHudson	EQT0109 - No. 6 CFB Boiler	Hydrogen Chloride (HCl)	Biomass	7.00E-04		41	NO
ORRoseburgForestDillard	Boiler #6	Hydrogen Chloride (HCl)	Biomass	7.90E-04		42	NO
ORRoseburgForestDillard	Boiler #1	Hydrogen Chloride (HCl)	Biomass	9.39E-04		43	NO
ALMeadwest vacoCotton n46	No.1 Wood Residue Boiler	Hydrogen Chloride (HCl)	Biomass	9.64E-04		44	NO
ARWeyerhaeuserDierksMill	SN-45	Hydrogen Chloride (HCl)	Biomass	1.00E-03		45	NO
GARayonierJ esupMill	PB03	Hydrogen Chloride (HCl)	Biomass	1.00E-03		45	NO
MIWhitePineElectric	IBW Boiler	Hydrogen Chloride (HCl)	Biomass	1.00E-03		45	NO
MSGPNewA ugusta	AA-015 Power Boiler	Hydrogen Chloride (HCl)	Biomass	1.00E-03		45	NO
HIPuuneneS ugarMill	Boiler 1	Hydrogen Chloride (HCl)	Biomass	1.03E-03		49	NO
HIPuuneneS ugarMill	Boiler 2	Hydrogen Chloride (HCl)	Biomass	1.03E-03		49	NO
MSHoodWig gins	AA-002 (Wood-Fired Boiler No. 2)	Hydrogen Chloride (HCl)	Biomass	1.07E-03		51	NO
GAGPWarm Springs	EU600 Wood Fuel Boiler	Hydrogen Chloride (HCl)	Biomass	1.20E-03		52	NO
SCSmurfitSt one	Unit 15: Boiler #3	Hydrogen Chloride (HCl)	Biomass	1.27E-03		53	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NYIntlPaper Ticonderoga	PB1	Hydrogen Chloride (HCl)	Biomass	1.32E-03		54	NO
ARGBPMorri lton	SN-04	Hydrogen Chloride (HCl)	Biomass	1.34E-03		55	NO
ORRoseburg Riddle2	Boiler #1	Hydrogen Chloride (HCl)	Biomass	1.40E-03		56	NO
SCInternatio nalPaperEas tover	No. 2 Power Boiler	Hydrogen Chloride (HCl)	Biomass	1.47E-03		57	NO
ORGeorgiaP acificWauna Mill	EU35 - Fluidized Bed Boiler	Hydrogen Chloride (HCl)	Biomass	1.47E-03		58	NO
HIPuuneneS ugarMill	Boiler 3	Hydrogen Chloride (HCl)	Biomass	1.50E-03		59	NO
KYNewPage- Wickliffe	B09	Hydrogen Chloride (HCl)	Biomass	1.68E-03		60	NO
GATempleInl andRome	WF	Hydrogen Chloride (HCl)	Biomass	1.84E-03		61	NO
SCBewaterC oatedPaper	Combination Boiler No. 2	Hydrogen Chloride (HCl)	Biomass	1.85E-03		62	NO
IDPotlatchLe wiston	4 Power Boiler	Hydrogen Chloride (HCl)	Biomass	2.14E-03		63	NO
ORRoseburg ForestDillard	Boiler #2	Hydrogen Chloride (HCl)	Biomass	2.24E-03		64	NO
FLUSSugarC orp	Boiler No. 8	Hydrogen Chloride (HCl)	Biomass	2.30E-03		65	NO
PAProctorGa mbleMehoop anyPA	Boiler #3 (033A)	Hydrogen Chloride (HCl)	Biomass	2.32E-03		66	NO
GARayonierJ esupMill	PB02	Hydrogen Chloride (HCl)	Biomass	2.33E-03		67	NO
VASmurfitSt oneWestpt	PB10	Hydrogen Chloride (HCl)	Biomass	2.63E-03		68	NO
FLCFRC252	Boiler #3 (McBurney)	Hydrogen Chloride (HCl)	Biomass	3.08E-03		69	NO
TNDomtar23 84	HFB1-1	Hydrogen Chloride (HCl)	Biomass	3.10E-03		70	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MELincolnPa per&Tissue	#8 Power Boiler	Hydrogen Chloride (HCl)	Biomass	3.20E-03		71	NO
MNWeyerhaeuserIronton	EU 001 - 4 Cell Furnace	Hydrogen Chloride (HCl)	Biomass	3.30E-03		72	NO
NCLP RoaringRiver	Boiler #3	Hydrogen Chloride (HCl)	Biomass	3.63E-03		73	NO
WAGraysHarborPaper	No. 8 Boiler (EU1)	Hydrogen Chloride (HCl)	Biomass	3.67E-03		74	NO
FLSugarCaneGrowersCoop	Boiler No. 2	Hydrogen Chloride (HCl)	Biomass	3.83E-03		75	NO
ALIP Courtland	No. 1 Combination Boiler / 11CU101	Hydrogen Chloride (HCl)	Biomass	4.18E-03		76	NO
ARPotlatchForestPrescott	McBurney Boiler	Hydrogen Chloride (HCl)	Biomass	4.27E-03		77	NO
WIFlambeauRiverPaper	B24	Hydrogen Chloride (HCl)	Biomass	5.22E-03		78	NO
MTRoseburgMissoula	Boiler	Hydrogen Chloride (HCl)	Biomass	5.45E-03		79	NO
ORRosboroSpringfield	DV 01.1	Hydrogen Chloride (HCl)	Biomass	5.60E-03		80	NO
FLSmurfit-Stone	5PB	Hydrogen Chloride (HCl)	Biomass	6.25E-03		81	NO
WANipponPaper	#8 Hog Fuel Boiler	Hydrogen Chloride (HCl)	Biomass	6.33E-03		82	NO
OHAkronThermalEnergy	Unit #2 (B004)	Hydrogen Chloride (HCl)	Biomass	9.05E-03		83	NO
VAGPBigIsland2703	PWR05 - No. 5 Power Boiler	Hydrogen Chloride (HCl)	Biomass	9.48E-03		84	NO
OHAkronThermalEnergy	Unit #1 (B003)	Hydrogen Chloride (HCl)	Biomass	9.93E-03		85	NO
KYWeyerhaeuserEKY	MP 01-01	Hydrogen Chloride (HCl)	Biomass	1.38E-02		86	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
KYWeyerhaeuserEKY	MP 01-02	Hydrogen Chloride (HCl)	Biomass	1.38E-02		86	NO
KYWeyerhaeuserEKY	MP 01-03	Hydrogen Chloride (HCl)	Biomass	1.38E-02		88	NO
TNKimberlyClark2397	WB	Hydrogen Chloride (HCl)	Biomass	1.50E-02		89	NO
SCBewaterCoatedPaper	Combination Boiler No. 1	Hydrogen Chloride (HCl)	Biomass	1.65E-02		90	NO
WAKimberlyClarkEverett	No. 14 Cogeneration Boiler	Hydrogen Chloride (HCl)	Biomass	5.17E-02		91	NO
ORSPNewsp rint	B10-EU	Hydrogen Chloride (HCl)	Biomass	6.73E-02		92	NO
INAlcoaWarri ck	Unit #3	Hydrogen Chloride (HCl)	Coal	1.50E-05		1	YES
IDTASCO Pa ul	Erie City Boiler	Hydrogen Chloride (HCl)	Coal	3.85E-05		2	YES
INAlcoaWarri ck	Unit #2	Hydrogen Chloride (HCl)	Coal	5.91E-05		3	YES
IARoquetteA merica	Circulating Fluidized Bed Boiler (121)	Hydrogen Chloride (HCl)	Coal	6.18E-05		4	YES
SCCogenSo uth	B001 - Main Boiler	Hydrogen Chloride (HCl)	Coal	6.69E-05		5	YES
TNEastman_ NO_CBIDAT A	Boiler 30	Hydrogen Chloride (HCl)	Coal	7.23E-05		6	YES
AZCatalystP aperSnowfla ke	Power Boiler #2 Coal	Hydrogen Chloride (HCl)	Coal	1.16E-04		7	YES
MOJamesRi verPowerSta tion	Unit 2	Hydrogen Chloride (HCl)	Coal	2.12E-04		8	YES
MOJamesRi verPowerSta tion	Unit 1	Hydrogen Chloride (HCl)	Coal	2.12E-04		9	YES



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ALIPCourtlan d	No.2 Combination Boiler / 11CU201	Hydrogen Chloride (HCl)	Coal	2.82E-04		10	YES
IDTASCOPA ul	Babcock and Wilcox (B&W) Boiler	Hydrogen Chloride (HCl)	Coal	3.00E-04		11	YES
NDMinnDak Farmers	Babcock and Wilcox Boiler #5	Hydrogen Chloride (HCl)	Coal	3.64E-04		12	YES
IAArchersDa nielsMidland DesMoines	Asea Boiler #1	Hydrogen Chloride (HCl)	Coal	3.88E-04		13	YES
VAUniversity ofVirginia	7103-1-01R	Hydrogen Chloride (HCl)	Coal	5.69E-04		14	YES
WINewPage Biron	B24	Hydrogen Chloride (HCl)	Coal	5.87E-04		15	YES
MICityofEsca naba	EUBOILER# 1	Hydrogen Chloride (HCl)	Coal	6.00E-04		16	YES
VASmurfitSt oneWestpt	PB08	Hydrogen Chloride (HCl)	Coal	6.69E-04		17	YES
TNEastman_ NO_CBIDAT A	Boiler 31	Hydrogen Chloride (HCl)	Coal	7.00E-04		18	YES
WINewPage- WisconsinRa pids	Power Boiler 1 - B21	Hydrogen Chloride (HCl)	Coal	8.00E-04		19	YES
PADomtarJo hnsenburg	#81 Coal Boiler	Hydrogen Chloride (HCl)	Coal	8.33E-04		20	YES
PADomtarJo hnsenburg	#82 Coal Boiler	Hydrogen Chloride (HCl)	Coal	8.33E-04		20	YES
IDTASCONa mpa	Babcock and Wilcox (B&W) #1	Hydrogen Chloride (HCl)	Coal	9.00E-04		22	YES
IDTASCONa mpa	Babcock and Wilcox (B&W) #2	Hydrogen Chloride (HCl)	Coal	9.00E-04		22	YES
WINewPage- WisconsinRa pids	Power Boiler 2 - B20	Hydrogen Chloride (HCl)	Coal	9.00E-04		22	YES
NCBlueRidg ePaper	G11042	Hydrogen Chloride (HCl)	Coal	9.75E-04		25	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
IAMuscatine PowerandW ater	Unit 7	Hydrogen Chloride (HCl)	Coal	1.14E-03		26	YES
IDAmalgama tedSugarCo TwinFalls	S-B2	Hydrogen Chloride (HCl)	Coal	1.33E-03		27	YES
OHPainesvill eMunicipalEl ectric	B004	Hydrogen Chloride (HCl)	Coal	1.33E-03		27	YES
MIPharma& Upjohn1180	Boiler 3	Hydrogen Chloride (HCl)	Coal	1.45E-03		29	YES
GAGPCedar Springs	U500 - Power Boiler No 1	Hydrogen Chloride (HCl)	Coal	1.55E-03		30	YES
WYGeneralC hemical	GR-2-L (C BOILER)	Hydrogen Chloride (HCl)	Coal	1.80E-03		31	YES
TNEastman_ NO_CBIDAT A	Boiler 27	Hydrogen Chloride (HCl)	Coal	1.87E-03		32	YES
ILPrairiePow erPearl	B1	Hydrogen Chloride (HCl)	Coal	1.93E-03		33	YES
WYGeneralC hemical	GR-3-W (D BOILER)	Hydrogen Chloride (HCl)	Coal	1.97E-03		34	YES
MNAmerican CrystalMoorh ead	Boiler 3	Hydrogen Chloride (HCl)	Coal	2.00E-03		35	YES
OHPainesvill eMunicipalEl ectric	B003	Hydrogen Chloride (HCl)	Coal	2.00E-03		36	YES
INSABICInno vativePlastic s	09-002 Erie Boiler	Hydrogen Chloride (HCl)	Coal	2.65E-03		37	YES
INSABICInno vativePlastic s	09-002 Lasker Boiler	Hydrogen Chloride (HCl)	Coal	2.65E-03		37	YES
WINewPage- Whiting	B24	Hydrogen Chloride (HCl)	Coal	2.73E-03		39	YES
AKDoyonUtili ties_AK	7	Hydrogen Chloride (HCl)	Coal	3.03E-03		40	NO
AKDoyonUtili ties_AK	4	Hydrogen Chloride (HCl)	Coal	3.27E-03		41	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MNVersoPaper	EU006 B&W	Hydrogen Chloride (HCl)	Coal	3.30E-03		42	NO
NCMCASCherryPoint	CP-152- BOIL-02	Hydrogen Chloride (HCl)	Coal	3.67E-03		43	NO
GAGPSRMRLincoln	EU BO01	Hydrogen Chloride (HCl)	Coal	3.97E-03		44	NO
OHDukeEnergyGenerationCincinnati	B022 (Boiler #4, IG-4A)	Hydrogen Chloride (HCl)	Coal	4.00E-03		45	NO
OHOrrvilleUtilities	B006	Hydrogen Chloride (HCl)	Coal	4.00E-03		45	NO
TNTateLyleLoudon	PES #35	Hydrogen Chloride (HCl)	Coal	4.00E-03		45	NO
INPurdueUniversity	Boiler 5	Hydrogen Chloride (HCl)	Coal	4.33E-03		48	NO
WIFlambeauRiverPaper	B24	Hydrogen Chloride (HCl)	Coal	4.58E-03		49	NO
OHOrrvilleUtilities	B001	Hydrogen Chloride (HCl)	Coal	4.67E-03		50	NO
OHOrrvilleUtilities	B004	Hydrogen Chloride (HCl)	Coal	4.67E-03		50	NO
OHPainesvilleMunicipalElectric	B001	Hydrogen Chloride (HCl)	Coal	5.67E-03		52	NO
INTateLyleLafayetteSouth	LA-45	Hydrogen Chloride (HCl)	Coal	6.47E-03		53	NO
NCBlueRidgePaper	G11040	Hydrogen Chloride (HCl)	Coal	6.93E-03		54	NO
OHAKronTheermalEnergy	Boiler #32 (B001)	Hydrogen Chloride (HCl)	Coal	7.03E-03		55	NO
GAIPSavannah	No. 13 Power Boiler PB13	Hydrogen Chloride (HCl)	Coal	7.17E-03		56	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
PAAppleton Papers	#036	Hydrogen Chloride (HCl)	Coal	7.18E-03		57	NO
INTateLyleS agamore	31B1	Hydrogen Chloride (HCl)	Coal	7.27E-03		58	NO
SCGaley&Lo rd	1EB1	Hydrogen Chloride (HCl)	Coal	7.47E-03		59	NO
SCGaley&Lo rd	1FB1	Hydrogen Chloride (HCl)	Coal	7.47E-03		59	NO
OHShelbyMu niLightPlant	B008	Hydrogen Chloride (HCl)	Coal	8.00E-03		61	NO
TNBowaterN ewsprint	Power Boiler No. 3	Hydrogen Chloride (HCl)	Coal	8.00E-03		61	NO
TNEastman_ NO_CBIDAT A	Boiler 25	Hydrogen Chloride (HCl)	Coal	8.00E-03		61	NO
ALGeorgiaP acificNaheol a	Z015 - CB1	Hydrogen Chloride (HCl)	Coal	8.30E-03		64	NO
NCEIDuPont Kinston	ES6022B	Hydrogen Chloride (HCl)	Coal	8.57E-03		65	NO
TNBowaterN ewsprint	Power Boiler No. 1	Hydrogen Chloride (HCl)	Coal	8.67E-03		66	NO
NCMCASCh erryPoint	CP-152- BOIL-01	Hydrogen Chloride (HCl)	Coal	9.40E-03		67	NO
NCMillerCoor s	ES-2 Coal/No. 2 & 6 Fuel Oil Boiler	Hydrogen Chloride (HCl)	Coal	1.00E-02		68	NO
WIWausauR hine	B26	Hydrogen Chloride (HCl)	Coal	1.03E-02		69	NO
ALCargill- Decatur	Keeler (S- 407)	Hydrogen Chloride (HCl)	Coal	1.07E-02		70	NO
MIHollandBP W	Unit 3	Hydrogen Chloride (HCl)	Coal	1.07E-02		70	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
OHShelbyMu niLightPlant	B007	Hydrogen Chloride (HCl)	Coal	1.07E-02		70	NO
TNOakRidge- Y12	Boiler/Unit 31	Hydrogen Chloride (HCl)	Coal	1.07E-02		73	NO
NCEIDuPont Kinston	ES6022A	Hydrogen Chloride (HCl)	Coal	1.10E-02		74	NO
GAInternatio nalPaperAug ustaMills	PB2A	Hydrogen Chloride (HCl)	Coal	1.13E-02		75	NO
IDAmalgama tedSugarCo TwinFalls	S-B1	Hydrogen Chloride (HCl)	Coal	1.17E-02		76	NO
MENewPage- Rumford	Cogen#6	Hydrogen Chloride (HCl)	Coal	1.18E-02		77	NO
MENewPage- Rumford	Cogen#7	Hydrogen Chloride (HCl)	Coal	1.18E-02		77	NO
OHShelbyMu niLightPlant	B006	Hydrogen Chloride (HCl)	Coal	1.20E-02		79	NO
NCNC_Duke University_D urham	7754-01	Hydrogen Chloride (HCl)	Coal	1.20E-02		80	NO
OKGPMusko geeMill	B-2	Hydrogen Chloride (HCl)	Coal	1.23E-02		81	NO
NJVinelandM uniElectric- HowardDow n	Unit 10	Hydrogen Chloride (HCl)	Coal	1.24E-02		82	NO
TNTateLyleL oudon	PES #34	Hydrogen Chloride (HCl)	Coal	1.27E-02		83	NO
NCUNCCog en	ES-001	Hydrogen Chloride (HCl)	Coal	1.28E-02		84	NO
VAGPBigsla nd2703	PWR04 - No. 4 Power Boiler	Hydrogen Chloride (HCl)	Coal	1.31E-02		85	NO
NCDomtar	64-25-0290 (No. 1 Hog Fuel Boiler)	Hydrogen Chloride (HCl)	Coal	1.34E-02		86	NO
VAGPJarratt Fiberboard	EP-15 No. 3 Keeler Boiler	Hydrogen Chloride (HCl)	Coal	1.37E-02		87	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
INSABICInnovativePlastics	01-001 BW1 Boiler	Hydrogen Chloride (HCl)	Coal	1.47E-02		88	NO
INSABICInnovativePlastics	01-001 BW2 Boiler	Hydrogen Chloride (HCl)	Coal	1.47E-02		88	NO
OHMedicalCenterCo1915	B003	Hydrogen Chloride (HCl)	Coal	1.65E-02		90	NO
OHMedicalCenterCo1915	B004	Hydrogen Chloride (HCl)	Coal	1.65E-02		90	NO
NCCampLejeuneMCB	A-HP-1700-03	Hydrogen Chloride (HCl)	Coal	1.67E-02		92	NO
NCCampLejeuneMCB	A-HP-1700-04	Hydrogen Chloride (HCl)	Coal	1.67E-02		92	NO
VAINVISTAWaynesboro	2-205 (B#2) Boiler #2	Hydrogen Chloride (HCl)	Coal	1.73E-02		94	NO
MOAnheuserBusch	Boiler 5	Hydrogen Chloride (HCl)	Coal	1.77E-02		95	NO
ALGeorgiaPacificNaheola	Z016 - CB2	Hydrogen Chloride (HCl)	Coal	1.88E-02		96	NO
MIHollandBPW	Unit 4	Hydrogen Chloride (HCl)	Coal	2.00E-02		97	NO
TNViskase	Boiler 1	Hydrogen Chloride (HCl)	Coal	2.00E-02		97	NO
TNViskase	Boiler 2	Hydrogen Chloride (HCl)	Coal	2.00E-02		97	NO
PAPHGlatfelter	PB5	Hydrogen Chloride (HCl)	Coal	2.10E-02		100	NO
IAJohnDeereDubuque	Boiler 4	Hydrogen Chloride (HCl)	Coal	2.15E-02		101	NO
WAWeyerhaeuserLongview	No. 11 Hog Fuel Boiler	Hydrogen Chloride (HCl)	Coal	2.17E-02		102	NO
IAJohnDeereDubuque	Boiler 1	Hydrogen Chloride (HCl)	Coal	2.17E-02		103	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
IAJohnDeere Dubuque	Boiler 3	Hydrogen Chloride (HCl)	Coal	2.17E-02		103	NO
IAUofIowa	EP7 Boiler 11	Hydrogen Chloride (HCl)	Coal	2.30E-02		105	NO
OHMortonSa ItRittman	B003 - Coal- Fired Boiler #1	Hydrogen Chloride (HCl)	Coal	2.30E-02		105	NO
MOTrigenKa nsasCity	Boiler 6	Hydrogen Chloride (HCl)	Coal	2.35E-02		107	NO
NCMillerCoor s	ES-1 Coal/No. 2 & 6 Fuel Oil Boiler	Hydrogen Chloride (HCl)	Coal	2.37E-02		108	NO
WVBayerInst itute	Boiler #10	Hydrogen Chloride (HCl)	Coal	2.37E-02		108	NO
NCTysonHar mony	TYS-ES-21	Hydrogen Chloride (HCl)	Coal	2.40E-02		110	NO
IAADMCor nProcessingC R	EU-501B	Hydrogen Chloride (HCl)	Coal	2.53E-02		111	NO
MOUofMisso uri	Boiler 11	Hydrogen Chloride (HCl)	Coal	2.58E-02		112	NO
GASPNewsp rint	PB2	Hydrogen Chloride (HCl)	Coal	2.73E-02		113	NO
OKGPMusko geeMill	B-3	Hydrogen Chloride (HCl)	Coal	3.03E-02		114	NO
WIGPGreen Bay2818	B26 - Stoker Boiler #6	Hydrogen Chloride (HCl)	Coal	3.16E-02		115	NO
WIGPGreen Bay2818	B27 - Cyclone Boiler #7	Hydrogen Chloride (HCl)	Coal	3.16E-02		115	NO
WIGPGreen Bay2818	B28 - Stoker Boiler #8	Hydrogen Chloride (HCl)	Coal	3.16E-02		115	NO
NCDomtar	65-25-0310 (No. 2 Hog Fuel Boiler)	Hydrogen Chloride (HCl)	Coal	3.19E-02		118	NO
MNWausauP aper- Brainerd	EU 003	Hydrogen Chloride (HCl)	Coal	3.20E-02		119	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MDNewPage Luke	No. 25	Hydrogen Chloride (HCl)	Coal	3.23E-02		120	NO
OKGPMusko geeMill	B-4	Hydrogen Chloride (HCl)	Coal	3.23E-02		120	NO
ILBungeDan ville	CFB Boiler	Hydrogen Chloride (HCl)	Coal	3.28E-02		122	NO
MNDESPHa nsONyman	EU003	Hydrogen Chloride (HCl)	Coal	3.30E-02		123	NO
WVBayerInst itute	Boiler #11	Hydrogen Chloride (HCl)	Coal	3.33E-02		124	NO
IACentrallAP ower	EP1 Unit 1 PC Boiler	Hydrogen Chloride (HCl)	Coal	3.35E-02		125	NO
MNWausauP aper- Brainerd	EU 002	Hydrogen Chloride (HCl)	Coal	3.39E-02		126	NO
VABearIslan dPaperCoAs hland	Unit Ref #2 (Combo Boiler)	Hydrogen Chloride (HCl)	Coal	3.44E-02		127	NO
GACaraustar	CB01	Hydrogen Chloride (HCl)	Coal	3.53E-02		128	NO
MDDeptofNa vySupportFa cilityIndianHe ad	PTO - 873 - E3 (3-0006) (Boiler 3)	Hydrogen Chloride (HCl)	Coal	3.65E-02		129	NO
MOTrigenKa nsasCity	Boiler 8	Hydrogen Chloride (HCl)	Coal	3.74E-02		130	NO
NCUNCCog en	ES-002	Hydrogen Chloride (HCl)	Coal	3.83E-02		131	NO
NCBlueRidg ePaper	G11039	Hydrogen Chloride (HCl)	Coal	4.10E-02		132	NO
MDDeptofNa vySupportFa cilityIndianHe ad	PTO - 873 - E2 (3-0005) (Boiler 2)	Hydrogen Chloride (HCl)	Coal	4.39E-02		133	NO
WVPPGMart insville	R011-Boiler 3	Hydrogen Chloride (HCl)	Coal	4.67E-02		134	NO
MNWausauP aper- Brainerd	EU 004	Hydrogen Chloride (HCl)	Coal	4.77E-02		135	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
OHUSEnrichmentCorpPiketon	X-600 Boiler No. 1	Hydrogen Chloride (HCl)	Coal	4.83E-02		136	NO
MOIPLBlueValley	Unit 1	Hydrogen Chloride (HCl)	Coal	4.97E-02		137	NO
IACargillEddyville	1.001	Hydrogen Chloride (HCl)	Coal	5.00E-02		138	NO
IACargillEddyville	1.002	Hydrogen Chloride (HCl)	Coal	5.00E-02		138	NO
IACargillEddyville	1.039	Hydrogen Chloride (HCl)	Coal	5.00E-02		138	NO
ILRockIslandArsenal	Boiler #4	Hydrogen Chloride (HCl)	Coal	5.08E-02		141	NO
VADukeEnergyNarrows	Boiler #1	Hydrogen Chloride (HCl)	Coal	5.19E-02		142	NO
NYCornellUniversity	B8	Hydrogen Chloride (HCl)	Coal	5.27E-02		143	NO
IAJohnDeereDubuque	Boiler 2	Hydrogen Chloride (HCl)	Coal	5.28E-02		144	NO
PABellefieldPlant	Boiler 3	Hydrogen Chloride (HCl)	Coal	5.30E-02		145	NO
MDDeptofNavySupportFacilityIndianHead	PTO - 873 - E1 (3-0004) (Boiler 1)	Hydrogen Chloride (HCl)	Coal	5.48E-02		146	NO
MOIPLBlueValley	Unit 2	Hydrogen Chloride (HCl)	Coal	5.53E-02		147	NO
SCSonocoHartsville	Boiler Number 9	Hydrogen Chloride (HCl)	Coal	5.53E-02		147	NO
WIWausau	# 6 Power Boiler (B20)	Hydrogen Chloride (HCl)	Coal	5.60E-02		149	NO
MOAnheuserBusch	Boiler 1	Hydrogen Chloride (HCl)	Coal	5.95E-02		150	NO
TNDuPontOldHickoryPlant	#24 Boiler	Hydrogen Chloride (HCl)	Coal	6.00E-02		151	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCBlueRidgePaper	G11037	Hydrogen Chloride (HCl)	Coal	6.03E-02		152	NO
NCBlueRidgePaper	G11038	Hydrogen Chloride (HCl)	Coal	6.03E-02		152	NO
GACargill-Gainesville	B001	Hydrogen Chloride (HCl)	Coal	6.07E-02		154	NO
OHUSEnrichmentCorpPiketon	X-600 Boiler No. 2	Hydrogen Chloride (HCl)	Coal	6.07E-02		154	NO
WIWausau	# 5 Power Boiler (B24)	Hydrogen Chloride (HCl)	Coal	6.13E-02		156	NO
TNDuPontOldHickoryPlant	#20 Boiler	Hydrogen Chloride (HCl)	Coal	6.17E-02		157	NO
PAPHGlatfelter	PB4	Hydrogen Chloride (HCl)	Coal	6.20E-02		158	NO
PAPHGlatfelter	PB3	Hydrogen Chloride (HCl)	Coal	6.20E-02		159	NO
OHUSEnrichmentCorpPiketon	X-600 Boiler No. 3	Hydrogen Chloride (HCl)	Coal	6.20E-02		160	NO
TNInvista Chattanooga	EU002 - Boiler #3	Hydrogen Chloride (HCl)	Coal	6.20E-02		160	NO
PAPHGlatfelter	PB1	Hydrogen Chloride (HCl)	Coal	6.20E-02		162	NO
VAPhilipMorrisMC	PC	Hydrogen Chloride (HCl)	Coal	6.28E-02		163	NO
NYCornellUniversity	B1	Hydrogen Chloride (HCl)	Coal	6.40E-02		164	NO
NCCampLejeuneMCB	A-HP-1700-01	Hydrogen Chloride (HCl)	Coal	6.47E-02		165	NO
NCCampLejeuneMCB	A-HP-1700-02	Hydrogen Chloride (HCl)	Coal	6.47E-02		165	NO
WVDuPont Washington Works	P01	Hydrogen Chloride (HCl)	Coal	6.53E-02		167	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ILAbbottAbbottPark	Unit 5AP	Hydrogen Chloride (HCl)	Coal	6.54E-02		168	NO
WVDuPont Washington Works	P02	Hydrogen Chloride (HCl)	Coal	6.57E-02		169	NO
OHCognisOleochem	Boiler #1 (B027)	Hydrogen Chloride (HCl)	Coal	6.67E-02		170	NO
MOMarshall Municipal	Unit # 4	Hydrogen Chloride (HCl)	Coal	6.71E-02		171	NO
VAINVISTA Waynesboro	2-205 (B#1) Boiler #1	Hydrogen Chloride (HCl)	Coal	6.75E-02		172	NO
ILRockIsland Arsenal	NBN 12602 (Boiler #1)	Hydrogen Chloride (HCl)	Coal	6.85E-02		173	NO
MOColumbia PowerPlant	Boiler Unit 6	Hydrogen Chloride (HCl)	Coal	7.10E-02		174	NO
MOColumbia PowerPlant	Boiler Unit 7	Hydrogen Chloride (HCl)	Coal	7.10E-02		174	NO
VAPhilipMorrisPark500	B2	Hydrogen Chloride (HCl)	Coal	7.20E-02		176	NO
IAIAStateUniversityPowerPlant	B5	Hydrogen Chloride (HCl)	Coal	7.34E-02		177	NO
WIThilmansLC	B09	Hydrogen Chloride (HCl)	Coal	7.41E-02		178	NO
WIThilmansLC	B11	Hydrogen Chloride (HCl)	Coal	7.41E-02		179	NO
MITBSimonPowerPlant	Unit 4	Hydrogen Chloride (HCl)	Coal	7.46E-02		180	NO
IAUofNorthDakota	Boiler #3	Hydrogen Chloride (HCl)	Coal	7.53E-02		181	NO
VARadfordArmyAmmunitionPlant	Boiler No. 4	Hydrogen Chloride (HCl)	Coal	7.57E-02		182	NO
WINewPageBiron	B23	Hydrogen Chloride (HCl)	Coal	7.62E-02		183	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MSDuPontD eLisle1342	AF-101A (BLR-1342)	Hydrogen Chloride (HCl)	Coal	7.67E-02		184	NO
MSDuPontD eLisle1342	AF-101B (BLR-1342)	Hydrogen Chloride (HCl)	Coal	7.67E-02		184	NO
IAIAStateUni vPowerPlant	B4	Hydrogen Chloride (HCl)	Coal	7.70E-02		186	NO
WIDairyland Power-Alma	Alma 1	Hydrogen Chloride (HCl)	Coal	7.72E-02		187	NO
WIDairyland Power-Alma	Alma 2	Hydrogen Chloride (HCl)	Coal	7.72E-02		187	NO
WIDairyland Power-Alma	Alma 3	Hydrogen Chloride (HCl)	Coal	7.72E-02		187	NO
WVDuPont Washington Works	P04	Hydrogen Chloride (HCl)	Coal	7.83E-02		190	NO
IAIAStateUni vPowerPlant	B1	Hydrogen Chloride (HCl)	Coal	7.84E-02		191	NO
OHMortonSa ltRittman	B002 - Coal- Fired Boiler #2	Hydrogen Chloride (HCl)	Coal	7.90E-02		192	NO
MITBSimonP owerPlant	Unit 3	Hydrogen Chloride (HCl)	Coal	7.95E-02		193	NO
MNRocheste rUtilities	EU003	Hydrogen Chloride (HCl)	Coal	7.97E-02		194	NO
INNotreDam e	B-4	Hydrogen Chloride (HCl)	Coal	8.07E-02		195	NO
ILRockIsland Arsenal	NBN 12888 (Boiler #2)	Hydrogen Chloride (HCl)	Coal	8.15E-02		196	NO
MOAnheuser Busch	Boiler 8	Hydrogen Chloride (HCl)	Coal	8.24E-02		197	NO
FLSmurfit- Stone	7PB	Hydrogen Chloride (HCl)	Coal	8.28E-02		198	NO
VAPhilipMorr isPark500	B3	Hydrogen Chloride (HCl)	Coal	8.31E-02		199	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ILRockIsland Arsenal	NBN 3059 (Boiler #3)	Hydrogen Chloride (HCl)	Coal	8.38E-02		200	NO
MNDESPHa nsONyman	EU002	Hydrogen Chloride (HCl)	Coal	8.40E-02		201	NO
MNRocheste rUtilities	EU001	Hydrogen Chloride (HCl)	Coal	8.43E-02		202	NO
WVDuPont Washington Works	P06	Hydrogen Chloride (HCl)	Coal	8.73E-02		203	NO
WIThilmay PapersNicole tMill	B23	Hydrogen Chloride (HCl)	Coal	8.80E-02		204	NO
WIThilmay PapersNicole tMill	B24	Hydrogen Chloride (HCl)	Coal	8.80E-02		204	NO
IAIAStateUni vPowerPlant	B2	Hydrogen Chloride (HCl)	Coal	8.84E-02		206	NO
OHCargillDa yton	B004	Hydrogen Chloride (HCl)	Coal	8.97E-02		207	NO
MAUMass	EU#3	Hydrogen Chloride (HCl)	Coal	9.23E-02		208	NO
MAUMass	EU#4	Hydrogen Chloride (HCl)	Coal	9.23E-02		208	NO
MAUMass	EU#5	Hydrogen Chloride (HCl)	Coal	9.23E-02		208	NO
OHBataviaTr ansmissions	Boiler 2 (B002)	Hydrogen Chloride (HCl)	Coal	9.23E-02		208	NO
MOCentralEl ectricChamoi s	UNIT 1	Hydrogen Chloride (HCl)	Coal	9.40E-02		212	NO
OHApletonl deas	Boiler 2 (B002)	Hydrogen Chloride (HCl)	Coal	9.40E-02		212	NO
NCCargillFay etteville	ES-22	Hydrogen Chloride (HCl)	Coal	9.43E-02		214	NO
IAIAStateUni vPowerPlant	B3	Hydrogen Chloride (HCl)	Coal	9.67E-02		215	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MASolutiaInc Springfield	EU 150 S03	Hydrogen Chloride (HCl)	Coal	9.68E-02		216	NO
INBungeDec atur	B&W (1SP1)	Hydrogen Chloride (HCl)	Coal	9.78E-02		217	NO
WVDuPont Washington Works	P05	Hydrogen Chloride (HCl)	Coal	9.87E-02		218	NO
IAUoflowa	EP6 Boiler 10	Hydrogen Chloride (HCl)	Coal	9.91E-02		219	NO
WVATKRock etCenter	NB2766 W- 17479-W (Boiler 17)	Hydrogen Chloride (HCl)	Coal	9.94E-02		220	NO
OHCargillAkr on	B001	Hydrogen Chloride (HCl)	Coal	1.04E-01		221	NO
WIDomtarNe koosa	B20 - Boiler No. 1	Hydrogen Chloride (HCl)	Coal	1.05E-01		222	NO
WIDomtarNe koosa	B21 - Boiler No. 2	Hydrogen Chloride (HCl)	Coal	1.05E-01		223	NO
WIDomtarNe koosa	B22 - Boiler No. 7	Hydrogen Chloride (HCl)	Coal	1.05E-01		223	NO
WIDomtarNe koosa	B24 - Boiler No. 10	Hydrogen Chloride (HCl)	Coal	1.05E-01		223	NO
KYISPChemi cals	0AA (Riley)	Hydrogen Chloride (HCl)	Coal	1.07E-01		226	NO
IAMonsanto Muscatine	Boiler #8 (EP 195)	Hydrogen Chloride (HCl)	Coal	1.07E-01		227	NO
MOIP&LMiss ouriCity	Unit 1	Hydrogen Chloride (HCl)	Coal	1.08E-01		228	NO
MOIP&LMiss ouriCity	Unit 2	Hydrogen Chloride (HCl)	Coal	1.08E-01		229	NO
SCINVISTA CamdenPlan t	Unit ID 1 - Boiler No. 1	Hydrogen Chloride (HCl)	Coal	1.09E-01		230	NO
SCINVISTA CamdenPlan t	Unit ID 2 - Boiler No. 2	Hydrogen Chloride (HCl)	Coal	1.09E-01		230	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MIManistique Paper	EUBLR001	Hydrogen Chloride (HCl)	Coal	1.10E-01		232	NO
MIManistique Paper	EUBLR002	Hydrogen Chloride (HCl)	Coal	1.10E-01		232	NO
VARadfordAr myAmmuniti onPlant	Boiler No. 3	Hydrogen Chloride (HCl)	Coal	1.11E-01		234	NO
VARadfordAr myAmmuniti onPlant	Boiler No. 5	Hydrogen Chloride (HCl)	Coal	1.11E-01		235	NO
INBungeDec atur	Keeler (2SP1)	Hydrogen Chloride (HCl)	Coal	1.12E-01		236	NO
MOUofMisso uri	Boiler 7	Hydrogen Chloride (HCl)	Coal	1.13E-01		237	NO
MOUofMisso uri	Boiler 8	Hydrogen Chloride (HCl)	Coal	1.13E-01		237	NO
MOUofMisso uri	Boiler 9	Hydrogen Chloride (HCl)	Coal	1.13E-01		237	NO
MITBSimonP owerPlant	Unit 1	Hydrogen Chloride (HCl)	Coal	1.13E-01		240	NO
MOMallinckr odt	Boiler 6	Hydrogen Chloride (HCl)	Coal	1.13E-01		241	NO
TNInvistaCh attanooaga	EU002 - Boiler #5	Hydrogen Chloride (HCl)	Coal	1.14E-01		242	NO
VADukeEner gyNarrows	Boiler #6	Hydrogen Chloride (HCl)	Coal	1.14E-01		242	NO
MICityofEsca naba	EUBOILER# 2	Hydrogen Chloride (HCl)	Coal	1.14E-01		244	NO
WVSunocoln cNealPlantK enova	B602, Coal Boiler	Hydrogen Chloride (HCl)	Coal	1.15E-01		245	NO
OHAppletonI deas	Boiler 4 (B003)	Hydrogen Chloride (HCl)	Coal	1.15E-01		246	NO
MIEBEddyPa per	EUBOILER5	Hydrogen Chloride (HCl)	Coal	1.15E-01		246	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
VADukeEner gyNarrows	Boiler #3	Hydrogen Chloride (HCl)	Coal	1.19E-01		248	NO
VAINVISTA Waynesboro	2-205 (B#3) Boiler #3	Hydrogen Chloride (HCl)	Coal	1.20E-01		249	NO
VADukeEner gyNarrows	Boiler #2	Hydrogen Chloride (HCl)	Coal	1.22E-01		250	NO
IAGrainProc essing	Boiler #1	Hydrogen Chloride (HCl)	Coal	1.22E-01		251	NO
IAGrainProc essing	Boiler #2	Hydrogen Chloride (HCl)	Coal	1.22E-01		251	NO
IAGrainProc essing	Boiler #3	Hydrogen Chloride (HCl)	Coal	1.22E-01		253	NO
IAGrainProc essing	Boiler #4	Hydrogen Chloride (HCl)	Coal	1.22E-01		253	NO
IAGrainProc essing	Boiler #6	Hydrogen Chloride (HCl)	Coal	1.22E-01		253	NO
IAGrainProc essing	Boiler #7	Hydrogen Chloride (HCl)	Coal	1.22E-01		253	NO
ILAbbottAbb ottPark	Unit 4AP	Hydrogen Chloride (HCl)	Coal	1.22E-01		257	NO
ILPolyOne	B1	Hydrogen Chloride (HCl)	Coal	1.23E-01		258	NO
MOBASFH annibal	Coal Fired Boiler #4	Hydrogen Chloride (HCl)	Coal	1.23E-01		258	NO
MOBASFH annibal	Coal Fired Boiler #5	Hydrogen Chloride (HCl)	Coal	1.27E-01		260	NO
TNInvistaCh attanooaga	EU002 - Boiler #4	Hydrogen Chloride (HCl)	Coal	1.27E-01		260	NO
MINeena hP perMI	Boiler 1	Hydrogen Chloride (HCl)	Coal	1.27E-01		262	NO
TNCargillMe mphis	Stoker Boiler 8001	Hydrogen Chloride (HCl)	Coal	1.28E-01		263	NO
MIWhitePine Electric	Power Boiler #2	Hydrogen Chloride (HCl)	Coal	1.31E-01		264	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
VARadfordArmyAmmunitionPlant	Boiler No. 2	Hydrogen Chloride (HCl)	Coal	1.31E-01		265	NO
VADukeEnergyNarrows	Boiler #4	Hydrogen Chloride (HCl)	Coal	1.35E-01		266	NO
PABayValleyFoodsPittsburgh	Boiler No. 1	Hydrogen Chloride (HCl)	Coal	1.37E-01		267	NO
PABayValleyFoodsPittsburgh	Boiler No. 2	Hydrogen Chloride (HCl)	Coal	1.37E-01		267	NO
MNRochesterUtilities	EU002	Hydrogen Chloride (HCl)	Coal	1.42E-01		269	NO
INNewEnergy	Riley Boiler	Hydrogen Chloride (HCl)	Coal	1.42E-01		270	NO
SCInternationalPaperEastover	No. 1 Power Boiler	Hydrogen Chloride (HCl)	Coal	1.46E-01		271	NO
INNotreDame	B-3	Hydrogen Chloride (HCl)	Coal	1.46E-01		272	NO
VADukeEnergyNarrows	Boiler #5	Hydrogen Chloride (HCl)	Coal	1.48E-01		273	NO
PAPennState	31	Hydrogen Chloride (HCl)	Coal	1.49E-01		274	NO
PAPennState	32	Hydrogen Chloride (HCl)	Coal	1.49E-01		274	NO
PAPennState	34	Hydrogen Chloride (HCl)	Coal	1.49E-01		274	NO
PAPennState	35	Hydrogen Chloride (HCl)	Coal	1.49E-01		274	NO
OHOrrvilleUtilities	B005	Hydrogen Chloride (HCl)	Coal	1.51E-01		278	NO
MIMenominee	#3 Boiler	Hydrogen Chloride (HCl)	Coal	1.51E-01		279	NO
SCINVISTA CamdenPlant	Unit ID 3 - Boiler No. 3	Hydrogen Chloride (HCl)	Coal	1.51E-01		279	NO
SCINVISTA CamdenPlant	Unit ID 4 - Boiler No. 4	Hydrogen Chloride (HCl)	Coal	1.51E-01		279	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MIWhitePine Electric	Power Boiler #1	Hydrogen Chloride (HCl)	Coal	1.53E-01		282	NO
WINewPage Kimberly	B21	Hydrogen Chloride (HCl)	Coal	1.54E-01		283	NO
WINewPage Kimberly	B22	Hydrogen Chloride (HCl)	Coal	1.54E-01		283	NO
PAARGBradford	37	Hydrogen Chloride (HCl)	Coal	1.55E-01		285	NO
KYMorehead StateUniv	02	Hydrogen Chloride (HCl)	Coal	1.58E-01		286	NO
PABayValley FoodsPittsburgh	Boiler No. 3	Hydrogen Chloride (HCl)	Coal	1.63E-01		287	NO
PABayValley FoodsPittsburgh	Boiler No. 4	Hydrogen Chloride (HCl)	Coal	1.63E-01		287	NO
VADukeEnergy Narrows	Boiler #7	Hydrogen Chloride (HCl)	Coal	1.63E-01		287	NO
WVBayerInstitute	Boiler #12	Hydrogen Chloride (HCl)	Coal	1.63E-01		287	NO
OHCargillSidney	B002	Hydrogen Chloride (HCl)	Coal	1.64E-01		291	NO
WVPPGMartinsville	R072-Boiler 5	Hydrogen Chloride (HCl)	Coal	1.65E-01		292	NO
WVDuPont Washington Works	P03	Hydrogen Chloride (HCl)	Coal	1.66E-01		293	NO
OHCargillSidney	B001	Hydrogen Chloride (HCl)	Coal	1.67E-01		294	NO
WIPCATomahawk	B24	Hydrogen Chloride (HCl)	Coal	1.68E-01		295	NO
WIPCATomahawk	B27	Hydrogen Chloride (HCl)	Coal	1.68E-01		295	NO
WIPCATomahawk	B28	Hydrogen Chloride (HCl)	Coal	1.68E-01		295	NO
ILADMQuincy	EU-5003	Hydrogen Chloride (HCl)	Coal	1.70E-01		298	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ILADMQuincy	EU-5004	Hydrogen Chloride (HCl)	Coal	1.70E-01		298	NO
IAUofNorth Dakota	Boiler #4	Hydrogen Chloride (HCl)	Coal	1.71E-01		300	NO
WIGreenBay PackagingMil IDivision	Boiler B26- Coal Fired Boiler	Hydrogen Chloride (HCl)	Coal	1.72E-01		301	NO
WVPPGMart insville	R015-Boiler 4	Hydrogen Chloride (HCl)	Coal	1.73E-01		302	NO
MITBSimonP owerPlant	Unit 2	Hydrogen Chloride (HCl)	Coal	1.74E-01		303	NO
MIMortonSalt Manistee	No. 6 Boiler	Hydrogen Chloride (HCl)	Coal	1.78E-01		304	NO
NCCargillCh arlotte	ES-1	Hydrogen Chloride (HCl)	Coal	1.84E-01		305	NO
MIPharma& Upjohn1178	EU EBLR43- 5 (Boiler No. 5)	Hydrogen Chloride (HCl)	Coal	1.88E-01		306	NO
ILJohnDeere Harvester	B8	Hydrogen Chloride (HCl)	Coal	1.97E-01		307	NO
ILJohnDeere Harvester	B9	Hydrogen Chloride (HCl)	Coal	1.97E-01		307	NO
ILJohnDeere Harvester	B7	Hydrogen Chloride (HCl)	Coal	1.97E-01		309	NO
WVUCCSout hCharleston	B25	Hydrogen Chloride (HCl)	Coal	2.01E-01		310	NO
OHRockTen nCincinnati	B001	Hydrogen Chloride (HCl)	Coal	2.14E-01		311	NO
ILADMPeoria	EU-PH101	Hydrogen Chloride (HCl)	Coal	2.47E-01		312	NO
ILADMPeoria	EU-PH102	Hydrogen Chloride (HCl)	Coal	2.47E-01		312	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MIPharma& Upjohn1178	EUEBLR43- 2 (Boiler No. 2)	Hydrogen Chloride (HCl)	Coal	2.51E-01		314	NO
TNCargillMe mphis	Pulverized Coal Boiler (8301)	Hydrogen Chloride (HCl)	Coal	3.02E-01		315	NO
MOUofMisso uri	Boiler 10	Hydrogen Chloride (HCl)	Coal	3.65E-01		316	NO
INNotreDam e	B-2	Hydrogen Chloride (HCl)	Coal	5.22E-01		317	NO
MICargillSalt	EGBOILER5	Hydrogen Chloride (HCl)	Coal	7.67E-01		318	NO
SCMichelinS andySprings	B:02:01	Hydrogen Chloride (HCl)	Gas 1	7.26E-05		1	YES
WYSinclairW yoming	Pt 74 #2 H2 Plant Heater	Hydrogen Chloride (HCl)	Gas 1	1.29E-04		2	YES
WYSinclairW yoming	Pt 41 #9 HPB	Hydrogen Chloride (HCl)	Gas 1	1.37E-04		3	NO
CTCytecWall ingford	150 Furnace	Hydrogen Chloride (HCl)	Gas 1	1.65E-04		4	NO
ILAkzoNobel Morris	B-1 Nebraska Boiler	Hydrogen Chloride (HCl)	Gas 1	1.66E-04		5	NO
KSCoffeyville Refinery	EU-39- FH0027	Hydrogen Chloride (HCl)	Gas 1	3.17E-04		6	NO
SCEastman Colombia	HTM Heater #3 (Equip ID 1101)	Hydrogen Chloride (HCl)	Gas 1	3.25E-04		7	NO
NCCampLej euneMCB	C-AS-4151- 16	Hydrogen Chloride (HCl)	Gas 1	5.50E-04		8	NO
LARubiconL LC	North Variants Boiler	Hydrogen Chloride (HCl)	Gas 1	6.32E-04		9	NO
CAExxonMo bil-Torrance	19F-1	Hydrogen Chloride (HCl)	Gas 1	2.85E-03		10	NO
MIFordWayn eAssembly	Powerhouse Boiler 3	Hydrogen Chloride (HCl)	Gas 1	5.16E-03		11	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
CORockyMtn Steel212	Rod/Bar Mill Furnace 95OPPB088	Hydrogen Chloride (HCl)	Gas 1	8.59E-05 y		1	YES
INAlcoaWarri ck	Annealing Furnace #15	Hydrogen Chloride (HCl)	Gas 1	2.46E-04 y		2	YES
INAlcoaWarri ck	Pre-Heat Furnace #36	Hydrogen Chloride (HCl)	Gas 1	2.46E-04 y		2	YES
ILUSSGranit eCity	No. 8 Galvanizing Line Furnace	Hydrogen Chloride (HCl)	Gas 1	3.45E-04 y		4	NO
UTWestingh ouse	202	Hydrogen Chloride (HCl)	Gas 1	3.99E-04 y		5	NO
INOutokump uStainlessPl ate	Heppenstall Annealing Furnace	Hydrogen Chloride (HCl)	Gas 1	6.51E-04 y		6	NO
WCharterSt eel	P31	Hydrogen Chloride (HCl)	Gas 1	1.00E-03 y		7	NO
INNucorSteel	Cold Mill Annealing	Hydrogen Chloride (HCl)	Gas 1	1.64E-03 y		8	NO
INArcelorMitt alBurnsHarb or	Hot Dip Coating Line Annealing Furnace	Hydrogen Chloride (HCl)	Gas 1	2.70E-03 y		9	NO
LAShellChe micaGeismar	Furnace F- S801	Hydrogen Chloride (HCl)	Gas 2	1.70E-06		1	YES
INTateLyleS agamore	21B501	Hydrogen Chloride (HCl)	Gas 2	1.85E-04		2	NO
MDSeverstal Sparrows	1BLR (No. 1 Boiler)	Hydrogen Chloride (HCl)	Gas 2	3.53E-04		3	NO
WIGPGreen Bay2818	B29 - Fluidized Bed Boiler #9	Hydrogen Chloride (HCl)	Gas 2	3.89E-04		4	NO
INRollsRoyc eIndianapolis	70-65	Hydrogen Chloride (HCl)	Gas 2	1.15E-03		5	NO
WVMountain StateCarbon Follansbee	S1	Hydrogen Chloride (HCl)	Gas 2	1.23E-03		6	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
SCBMWMan ufacturingCo	HB03	Hydrogen Chloride (HCl)	Gas 2	1.76E-03		7	NO
GAGPSRMR iincon	EU BO02	Hydrogen Chloride (HCl)	Gas 2	6.53E-03		8	NO
CTElectric Boat	EMU 18	Chlorine (Cl)	Liquid	5.60E-07		1	YES
ILCognisCor p	Boiler #2	Chlorine (Cl)	Liquid	4.74E-06		2	YES
SCMilliken- Dewey	D30	Hydrogen Chloride (HCl)	Liquid	1.00E-04		3	YES
TNInvistaCh attanooaga	EU003 - Vaporizer #2	Hydrogen Chloride (HCl)	Liquid	1.77E-04		4	YES
INUSSteelG aryWorks	O4B10459	Hydrogen Chloride (HCl)	Liquid	2.07E-04		5	YES
VAINVISTA Waynesboro	2-205 (V#1) Vaporizer #1	Hydrogen Chloride (HCl)	Liquid	2.43E-04		6	YES
NCCampLej euneMCB	A-BM-825-12	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-825-13	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-825- H1	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-835-06	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-835-07	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-890-14	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-890-15	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-890- H10	Chlorine (Cl)	Liquid	2.65E-04		7	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	A-BM-890- H9	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-LCH-4014- 17	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-FC-440-87	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-A-A47-51	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-1700- 05	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-2027- 20	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-2027- 21	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-2027- H13	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-2027- H14	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-2027- H15	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-2027- H16	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-40-75	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-40-76	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-500-86	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-670-88	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-A66-H3	Chlorine (Cl)	Liquid	2.65E-04		7	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	A-HP-989-31	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-FC-260-90	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-843-14	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-BB-49-52	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-1000- H21	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-TT-60-79	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-3502- 08	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-3504- 09	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-3525- 15	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-4044- 22	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-4044- 23	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-4151- 17A	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-4151- 18	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-705-11	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-BB-9-55	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-840-13	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-1000- 20	Chlorine (Cl)	Liquid	2.65E-04		7	YES



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	C-CG-480- 89	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-VL- TFM204-02	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-VL- TFM204-01	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-VL- TFM203-02	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-VL- TFM203-01	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-VL- TFM104-01	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-VL- TFM103-01	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-TC-1500- 60	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-RR-15- 46B	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-CG-650- 85	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-CG-650- 84B	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-710-03	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-AS-2800- 12	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-BB-9-53B	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-BB-9-54	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-MP-230-40	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-NH-120-04	Chlorine (Cl)	Liquid	2.65E-04		7	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	A-NH-118-03	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-NH-100-05	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-NH-100-02	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-NH-100-01	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-MP-625-74	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-NH-120- H4	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-MP-625-72	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-PP-1943- 08	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-MP-230-39	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-MP-230-38	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-MG-SH8- 58	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-MP-625-73	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-LCH-4022- 19	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-NH-121- H1	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-HP-738-59	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-PP-1943- H7	Chlorine (Cl)	Liquid	2.65E-04		7	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCCampLej euneMCB	A-PP-2615- 09	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-PP-2615- 10	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-TT-2457- 66	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-TT-44-30	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-TT-60-78	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-A66-48	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-A71-49	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-A71-H5	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	B-A-A1-50	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-NH-121-01	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-FC-989-31	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	C-CG-650- 83B	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-5400- 80	Chlorine (Cl)	Liquid	2.65E-04		7	YES
NCCampLej euneMCB	A-BM-5400- 81	Chlorine (Cl)	Liquid	2.65E-04		7	YES
PABoeingRid leyPark	033	Hydrogen Chloride (HCl)	Liquid	4.21E-04		95	NO
CTElectric Boat	EMU 17	Hydrogen Chloride (HCl)	Liquid	4.21E-04		96	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
SCDAKAmericas	P8F	Hydrogen Chloride (HCl)	Liquid	4.23E-04		97	NO
MEFPLEnergyWyman	Unit #5	Hydrogen Chloride (HCl)	Liquid	4.89E-04		98	NO
NCMCASCherryPoint	CP-152-BOIL-03	Hydrogen Chloride (HCl)	Liquid	7.00E-04		99	NO
MNGPDuluth	EU33 Boiler #3	Hydrogen Chloride (HCl)	Liquid	7.42E-04		100	NO
MICConsumer EnergyCo-Campbell	EUAUXBLR12	Hydrogen Chloride (HCl)	Liquid	7.78E-04		101	NO
NJVineLandMiniElectric-HowardDow	Unit 9	Hydrogen Chloride (HCl)	Liquid	8.22E-04		102	NO
NCInvistaHwy421	B7600	Hydrogen Chloride (HCl)	Liquid	8.25E-04		103	NO
MNMinnesotaSoybeanProcessors	Boiler 1 EU026	Hydrogen Chloride (HCl)	Liquid	8.73E-04		104	NO
MNMinnesotaSoybeanProcessors	Boiler 2 EU027	Hydrogen Chloride (HCl)	Liquid	8.73E-04		104	NO
SCINVISTACamdenPlant	Unit ID 8 - Vaporizer No. 3	Hydrogen Chloride (HCl)	Liquid	1.00E-03		106	NO
SCINVISTACamdenPlant	Unit ID 9 - Vaporizer No. 4	Hydrogen Chloride (HCl)	Liquid	1.00E-03		106	NO
VANewportNewsShipbuildingDryDock	78-E1	Hydrogen Chloride (HCl)	Liquid	1.14E-03		108	NO
WIGPGreenBay2818	B10 - Wastepaper Sludge-Fired Boiler 10	Hydrogen Chloride (HCl)	Liquid	1.30E-03		109	NO
TNMilanArmyAmmunition Plant	I5A-1, Source #27-0010-14	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	I4A-1, Source #27-0010-13	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	I3A-1, Source #27-0010-12	Chlorine (Cl)	Liquid	1.51E-03		110	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNMilanArmyAmmunition Plant	F52L-2, Source #27-0010-30	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	T116A-2, Source #27-0010-84	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	I6A-1, Source #27-0010-15	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	D2A-1, Source #27-0010-09	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	F52L-1, Source #27-0010-30	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	B21L-2, Source #27-0010-28	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	B21L-1, Source #27-0010-28	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	A15L-2, Source #27-0010-05	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	A15L-1, Source #27-0010-05	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	D88L-2, Source #27-0010-86	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	X21L-2, Source #27-0010-29	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	V1L-1, Source #27-0010-46	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	D88L-1, Source #27-0010-86	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	X21L-1, Source #27-0010-29	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	I7A-1, Source #27-0010-16	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	X21L-3, Source #27-0010-29	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	T116A-1, Source #27-0010-84	Chlorine (Cl)	Liquid	1.51E-03		110	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNMilanArmyAmmunition Plant	S101A-2, Source #27-0010-21	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	J107A-1, Source #27-0010-31	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	K313A-2, Source #27-0010-83	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	K313A-1, Source #27-0010-83	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	K300A-2, Source #27-0010-19	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	K300A-1, Source #27-0010-19	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	K102L-1, Source #27-0010-42	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	J107A-2, Source #27-0010-31	Chlorine (Cl)	Liquid	1.51E-03		110	NO
TNMilanArmyAmmunition Plant	S101A-1, Source #27-0010-21	Chlorine (Cl)	Liquid	1.51E-03		110	NO
SCGPChem Russellville	FO Boiler	Hydrogen Chloride (HCl)	Liquid	1.67E-03		139	NO
VASmurfitSt oneWestpt	PB08	Hydrogen Chloride (HCl)	Liquid	1.82E-03		140	NO
NCMCASCherryPoint	CP-1786-BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCherryPoint	CP-1783-BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCherryPoint	CP-1782-BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCherryPoint	CP-1781-BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ARLeolaLum berMill	SN-01B	Particulate Matter (PM) filterable	Biomass	5.57E-03		38	NO
OKWeyerha euserWright City	EUG 19	Particulate Matter (PM) filterable	Biomass	5.80E-03		39	NO
ORSPNewsp rint	B10-EU	Particulate Matter (PM) filterable	Biomass	5.80E-03		40	NO
ORBBSMMe dford	B1	Particulate Matter (PM) filterable	Biomass	6.33E-03		41	NO
ORBBSMMe dford	B3	Particulate Matter (PM) filterable	Biomass	6.33E-03		42	NO
ORBBSMMe dford	B2	Particulate Matter (PM) filterable	Biomass	6.33E-03		43	NO
GATempleIn andRome	WF	Particulate Matter (PM) filterable	Biomass	6.65E-03		44	NO
MNDESPHa nsONyman	EU007	Particulate Matter (PM) filterable	Biomass	6.67E-03		45	NO
SCNewSout hCamden	WWB1	Particulate Matter (PM) filterable	Biomass	7.10E-03		46	NO
KYNewPage- Wickliffe	B09	Particulate Matter (PM) filterable	Biomass	8.00E-03		47	NO
MSNorbordM S	Wellons No. 1	Particulate Matter (PM) filterable	Biomass	8.94E-03		48	NO
MSNorbordM S	Wellons No. 2	Particulate Matter (PM) filterable	Biomass	8.94E-03		49	NO
MSNorbordM S	Wellons No. 3	Particulate Matter (PM) filterable	Biomass	8.94E-03		50	NO
SCSmurfitSt one	Unit 15: Boiler #3	Particulate Matter (PM) filterable	Biomass	9.17E-03		51	NO
ALManningto nWoodFloor s	BB01	Particulate Matter (PM) filterable	Biomass	9.67E-03		52	NO
ALManningto nWoodFloor s	BB02	Particulate Matter (PM) filterable	Biomass	9.67E-03		53	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ALGPBrewto nMill	BR-PSG0- S021 No. 2 Power Boiler	Particulate Matter (PM) filterable	Biomass	1.00E-02		54	NO
GAP&GAiba ny	B002	Particulate Matter (PM) filterable	Biomass	1.07E-02		55	NO
GARayonier Baxley	PB02	Particulate Matter (PM) filterable	Biomass	1.18E-02		56	NO
MNHibbing	Unit 4A	Particulate Matter (PM) filterable	Biomass	1.20E-02		57	NO
CARoseburg Weed	Boiler	Particulate Matter (PM) filterable	Biomass	1.65E-02		58	NO
MESDWarre nSomerset	No1 Power Boiler	Particulate Matter (PM) filterable	Biomass	1.67E-02		59	NO
VASmurfitSt oneWestpt	PB10	Particulate Matter (PM) filterable	Biomass	1.71E-02		60	NO
ORBlueHero nPaper	G Boiler	Particulate Matter (PM) filterable	Biomass	1.80E-02		61	NO
WABoiseKett leFallsPlywo od	B1	Particulate Matter (PM) filterable	Biomass	1.80E-02		62	NO
ALIPPrattvill e	Z006	Particulate Matter (PM) filterable	Biomass	1.83E-02		63	NO
PACraftMast er	No3 Boiler Source ID 033	Particulate Matter (PM) filterable	Biomass	1.95E-02		64	NO
ARGBPMorri lton	SN-04	Particulate Matter (PM) filterable	Biomass	1.99E-02		65	NO
IDChilcoLake Sawmill	HFB1	Particulate Matter (PM) filterable	Biomass	2.09E-02		66	NO
VAGPBigIsla nd2703	PWR05 - No. 5 Power Boiler	Particulate Matter (PM) filterable	Biomass	2.10E-02		67	NO
OHSauderW oodArchbold	B009	Particulate Matter (PM) filterable	Biomass	2.23E-02		68	NO
ARPotlatchF orestPrescott	McBurney Boiler	Particulate Matter (PM) filterable	Biomass	2.36E-02		69	NO
MSBowaterS outh	Bark Boiler	Particulate Matter (PM) filterable	Biomass	2.60E-02		70	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
LAWeyerhae user1043	EQT - 0010	Particulate Matter (PM) filterable	Biomass	2.65E-02		71	NO
ALGPBelLu mber	EU 001 Wood Fired Boiler	Particulate Matter (PM) filterable	Biomass	2.67E-02		72	NO
MNWeyerha euserlronton	EU 001 - 4 Cell Furnace	Particulate Matter (PM) filterable	Biomass	2.87E-02		73	NO
IDMoyieSpr ings Lumber420	HFB1	Particulate Matter (PM) filterable	Biomass	2.90E-02		74	NO
CASierraPin e-Rocklin	SPRKBL01	Particulate Matter (PM) filterable	Biomass	3.11E-02		75	NO
ARGPCross ett92	SN-03	Particulate Matter (PM) filterable	Biomass	3.16E-02		76	NO
GAInternatio nalPaperAug ustaMills	PB3A	Particulate Matter (PM) filterable	Biomass	3.17E-02		77	NO
ALMeadwest vacoCottono n46	No.3 Wood Residue Boiler	Particulate Matter (PM) filterable	Biomass	3.34E-02		78	NO
TNBowaterN ewsprint	Bubbling Fluidized Bed Boiler	Particulate Matter (PM) filterable	Biomass	3.40E-02		79	NO
PAProctorGa mbleMehoop anyPA	Boiler #3 (033A)	Particulate Matter (PM) filterable	Biomass	3.47E-02		80	NO
GAGPWarre nton	400B Wood Waste Boiler	Particulate Matter (PM) filterable	Biomass	3.53E-02		81	NO
GAGPWood Claxton	400	Particulate Matter (PM) filterable	Biomass	3.67E-02		82	NO
TXNorbordT exasNacogd oches	Konus No. 1	Particulate Matter (PM) filterable	Biomass	3.73E-02		83	NO
TXNorbordT exasNacogd oches	Konus No. 2	Particulate Matter (PM) filterable	Biomass	3.73E-02		84	NO
OHAKronThe rmalEnergy	Unit #2 (B004)	Particulate Matter (PM) filterable	Biomass	3.80E-02		85	NO
LABoiseCas cadeOakdale	B-1	Particulate Matter (PM) filterable	Biomass	3.87E-02		86	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
SCBwaterC oatedPaper	Combination Boiler No. 1	Particulate Matter (PM) filterable	Biomass	4.20E-02		87	NO
MNHill	Boiler 2	Particulate Matter (PM) filterable	Biomass	4.37E-02		88	NO
ALMeadwest vacoCotton n46	No.1 Wood Residue Boiler	Particulate Matter (PM) filterable	Biomass	4.41E-02		89	NO
WVGPMtHo peOSB	5600 - Wellons Energy System	Particulate Matter (PM) filterable	Biomass	4.43E-02		90	NO
GAWeyerha euserCoOgle thorpe	Power Boiler (U400)	Particulate Matter (PM) filterable	Biomass	4.47E-02		91	NO
IDRileyCreek Lumber	HFB2	Particulate Matter (PM) filterable	Biomass	4.50E-02		92	NO
TXwestfraser	Boiler-1	Particulate Matter (PM) filterable	Biomass	4.52E-02		93	NO
SCBwaterC oatedPaper	Combination Boiler No. 2	Particulate Matter (PM) filterable	Biomass	4.71E-02		94	NO
KYWeyerhae userEKY	MP 01-01	Particulate Matter (PM) filterable	Biomass	5.20E-02		95	NO
KYWeyerhae userEKY	MP 01-02	Particulate Matter (PM) filterable	Biomass	5.20E-02		96	NO
KYWeyerhae userEKY	MP 01-03	Particulate Matter (PM) filterable	Biomass	5.20E-02		97	NO
NCSeaboard Lumber	ES-3	Particulate Matter (PM) filterable	Biomass	5.24E-02		98	NO
MTPlumCree k	Wellons Plywood	Particulate Matter (PM) filterable	Biomass	5.45E-02		99	NO
FLSugarCan eGrowersCo op	Boiler No. 3	Particulate Matter (PM) filterable	Biomass	5.60E-02		100	NO
SCGPRussel lville	Wood-fired boiler	Particulate Matter (PM) filterable	Biomass	5.70E-02		101	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
HIPuuneneS ugarMill	Boiler 3	Particulate Matter (PM) filterable	Biomass	5.84E-02		102	NO
NCDomtar	64-25-0290 (No. 1 Hog Fuel Boiler)	Particulate Matter (PM) filterable	Biomass	5.90E-02		103	NO
OHSmurfitCo shocton	B006	Particulate Matter (PM) filterable	Biomass	5.97E-02		104	NO
GAGPWarm Springs	EU600 Wood Fuel Boiler	Particulate Matter (PM) filterable	Biomass	6.10E-02		105	NO
OKPanPacifi cProducts	EU 100	Particulate Matter (PM) filterable	Biomass	6.11E-02		106	NO
GAPCAVald osta	1005	Particulate Matter (PM) filterable	Biomass	6.23E-02		107	NO
GAPCAVald osta	1006	Particulate Matter (PM) filterable	Biomass	6.23E-02		108	NO
FLSugarCan eGrowersCo op	Boiler No. 5	Particulate Matter (PM) filterable	Biomass	6.27E-02		109	NO
FLSugarCan eGrowersCo op	Boiler No. 8	Particulate Matter (PM) filterable	Biomass	6.27E-02		110	NO
MNHill	Boiler 1	Particulate Matter (PM) filterable	Biomass	6.47E-02		111	NO
WANipponP aper	#8 Hog Fuel Boiler	Particulate Matter (PM) filterable	Biomass	6.51E-02		112	NO
OHSauderW oodArchbold	B008	Particulate Matter (PM) filterable	Biomass	6.60E-02		113	NO
NYIntlPaper Ticonderoga	PB1	Particulate Matter (PM) filterable	Biomass	6.77E-02		114	NO
FLUSSugarC orp	Boiler No. 4	Particulate Matter (PM) filterable	Biomass	6.97E-02		115	NO
ALWestFras erMaplesville	Boiler-1	Particulate Matter (PM) filterable	Biomass	7.04E-02		116	NO
FLSugarCan eGrowersCo op	Boiler No. 4	Particulate Matter (PM) filterable	Biomass	7.23E-02		117	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
WIFlambeau RiverPaper	B24	Particulate Matter (PM) filterable	Biomass	7.33E-02		118	NO
HIPuuneneS ugarMill	Boiler 1	Particulate Matter (PM) filterable	Biomass	8.11E-02		119	NO
HIPuuneneS ugarMill	Boiler 2	Particulate Matter (PM) filterable	Biomass	8.11E-02		120	NO
MEVersoPap erAndrosco gin	WFI	Particulate Matter (PM) filterable	Biomass	8.40E-02		121	NO
SCGPProsp erityPly	B, Wood Fired Boiler	Particulate Matter (PM) filterable	Biomass	8.93E-02		122	NO
FLSugarCan eGrowersCo op	Boiler No. 2	Particulate Matter (PM) filterable	Biomass	9.00E-02		123	NO
NDCargillWe stFargo	Foster Wheeler Boiler (EU43)	Particulate Matter (PM) filterable	Biomass	9.03E-02		124	NO
GARayonierJ esupMill	PB02	Particulate Matter (PM) filterable	Biomass	9.33E-02		125	NO
FLOsceolaF arms	Boiler No. 6	Particulate Matter (PM) filterable	Biomass	9.37E-02		126	NO
TNDomtar23 84	HFB1-1	Particulate Matter (PM) filterable	Biomass	9.60E-02		127	NO
GARayonierJ esupMill	PB03	Particulate Matter (PM) filterable	Biomass	9.90E-02		128	NO
NCGPWhite ville	ES-B2	Particulate Matter (PM) filterable	Biomass	1.03E-01		129	NO
FLOsceolaF arms	Boiler No. 3	Particulate Matter (PM) filterable	Biomass	1.06E-01		130	NO
FLUSSugarC orp	Boiler No. 1	Particulate Matter (PM) filterable	Biomass	1.07E-01		131	NO
WAGraysHar borPaper	No. 8 Boiler (EU1)	Particulate Matter (PM) filterable	Biomass	1.10E-01		132	NO
ALBoiseWhit ePaperJacks on	102-0001- Z013	Particulate Matter (PM) filterable	Biomass	1.13E-01		133	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ALIPineHill	109-0001- Z007	Particulate Matter (PM) filterable	Biomass	1.14E-01		135	NO
MNNorbord Minnesota	Konus No. 1	Particulate Matter (PM) filterable	Biomass	1.14E-01		136	NO
MNNorbord Minnesota	Konus No. 2	Particulate Matter (PM) filterable	Biomass	1.14E-01		137	NO
TXAnthonyF orestProd- ATL	EP 10.1 Superior	Particulate Matter (PM) filterable	Biomass	1.14E-01		138	NO
GARayonierJ esupMill	PB01	Particulate Matter (PM) filterable	Biomass	1.14E-01		139	NO
GARayonier Baxley	PB01	Particulate Matter (PM) filterable	Biomass	1.17E-01		140	NO
ORRosboroS pringfield	DV 01.1	Particulate Matter (PM) filterable	Biomass	1.20E-01		141	NO
MSGPLouisv illePly	AD-003 (Boiler #3)	Particulate Matter (PM) filterable	Biomass	1.27E-01		142	NO
FLUSSugarC orp	Boiler No. 2	Particulate Matter (PM) filterable	Biomass	1.27E-01		143	NO
ARAnthonyF orestProduct s	SN-12	Particulate Matter (PM) filterable	Biomass	1.29E-01		144	NO
FLGPPalatk a	EU16	Particulate Matter (PM) filterable	Biomass	1.30E-01		145	NO
NCGPDudle y	ES-B1	Particulate Matter (PM) filterable	Biomass	1.33E-01		146	NO
NCStanleyFu rniture	FB-2	Particulate Matter (PM) filterable	Biomass	1.34E-01		147	NO
TXAnthonyF orestProd- ATL	EP 11.1 Hurst	Particulate Matter (PM) filterable	Biomass	1.42E-01		148	NO
FLOsceolaF arms	Boiler No. 5	Particulate Matter (PM) filterable	Biomass	1.45E-01		149	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
FLOsceolaF arms	Boiler No. 4	Particulate Matter (PM) filterable	Biomass	1.49E-01		150	NO
MEDomtarB aileyville	#9 Power Boiler	Particulate Matter (PM) filterable	Biomass	1.50E-01		151	NO
FLOsceolaF arms	Boiler No. 2	Particulate Matter (PM) filterable	Biomass	1.53E-01		152	NO
TNKimberlyC lark2397	WB	Particulate Matter (PM) filterable	Biomass	1.54E-01		153	NO
NCGPAhoski eCNS	ES-B1 - Wood Fired Boiler	Particulate Matter (PM) filterable	Biomass	1.63E-01		154	NO
LAGPLogan sportPly	EQT-0009	Particulate Matter (PM) filterable	Biomass	1.66E-01		155	NO
PACraftMast er	No2 Boiler Source ID 032	Particulate Matter (PM) filterable	Biomass	1.71E-01		156	NO
ALGPEngine eredWoodPr oductsThorn sby	EU 001 Wood Fired Boiler	Particulate Matter (PM) filterable	Biomass	1.72E-01		157	NO
ARWestFras erHuttig	SN-24	Particulate Matter (PM) filterable	Biomass	1.83E-01		158	NO
NCJeld-Wen	Boiler 1	Particulate Matter (PM) filterable	Biomass	1.98E-01		159	NO
WAGraysHar borPaper	No. 6 Boiler (EU2)	Particulate Matter (PM) filterable	Biomass	2.04E-01		160	NO
VAGeorgiaP acificEmpori a	WWB	Particulate Matter (PM) filterable	Biomass	2.05E-01		161	NO
ARGeorgiaP acificFordyce	SN - 01 Wood Fuel Boiler	Particulate Matter (PM) filterable	Biomass	2.10E-01		162	NO
WIThmanyL LC	B07	Particulate Matter (PM) filterable	Biomass	2.11E-01		163	NO
MIWhitePine Electric	IBW Boiler	Particulate Matter (PM) filterable	Biomass	2.13E-01		164	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
SCNewSout hLumberCo Darlington	BLR1	Particulate Matter (PM) filterable	Biomass	2.16E-01		165	NO
MSGPGloste rPly	AA-002	Particulate Matter (PM) filterable	Biomass	2.21E-01		166	NO
ORWeyerha euserCoWar rentonLumbe rMill	3-HFB	Particulate Matter (PM) filterable	Biomass	2.23E-01		167	NO
ALChapman ForestProdu cts	EU 002 Wood Fired Boiler	Particulate Matter (PM) filterable	Biomass	2.30E-01		168	NO
LABoiseCas cadeFlorien	B-1	Particulate Matter (PM) filterable	Biomass	2.31E-01		169	NO
SCCollumsL umber	01	Particulate Matter (PM) filterable	Biomass	2.33E-01		170	NO
NCStanleyFu rniture	FB-3	Particulate Matter (PM) filterable	Biomass	2.41E-01		171	NO
ARWestFras erHuttig	SN-01	Particulate Matter (PM) filterable	Biomass	2.44E-01		172	NO
SCNewSout hLumberCo Darlington	BLR3	Particulate Matter (PM) filterable	Biomass	2.54E-01		173	NO
ARGBPMorri lton	SN-02	Particulate Matter (PM) filterable	Biomass	2.60E-01		174	NO
MSGPGloste rPly	AA-001	Particulate Matter (PM) filterable	Biomass	2.61E-01		175	NO
MSWeyerha euserBruce	AA-001 No. 1 Boiler	Particulate Matter (PM) filterable	Biomass	2.69E-01		176	NO
ALChapman ForestProdu cts	EU 003 Wood Fired Boiler	Particulate Matter (PM) filterable	Biomass	2.73E-01		177	NO
NCGPRoxbo ro	ES-1 Wood fired Boiler	Particulate Matter (PM) filterable	Biomass	2.84E-01		178	NO
MILPCSagol a	TOH-Wood	Particulate Matter (PM) filterable	Biomass	2.90E-01		179	NO
ARWeyerha euser	SN-06	Particulate Matter (PM) filterable	Biomass	2.98E-01		180	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ALChapman ForestProdu cts	EU 001 Wood Fired Boiler	Particulate Matter (PM) filterable	Biomass	2.99E-01		181	NO
MSGPGloste rPly	AA-003	Particulate Matter (PM) filterable	Biomass	2.99E-01		182	NO
ALWeyerhae userMillport	Boiler No. 1	Particulate Matter (PM) filterable	Biomass	3.15E-01		183	NO
ARDeltaNatu ralKraft	Hog Fuel Boiler (SN- 05)	Particulate Matter (PM) filterable	Biomass	3.32E-01		184	NO
ALBrewton	SB-1	Particulate Matter (PM) filterable	Biomass	3.33E-01		185	NO
NCHickoryC hairCompany	WFB-1	Particulate Matter (PM) filterable	Biomass	3.36E-01		186	NO
SCSmurfitSt one	Unit 15: Boiler #1	Particulate Matter (PM) filterable	Biomass	3.39E-01		187	NO
MSBatesville Mfg	AA-001	Particulate Matter (PM) filterable	Biomass	3.46E-01		188	NO
NCUniboard USA	Wellons Thermal Oil Heater	Particulate Matter (PM) filterable	Biomass	3.50E-01		189	NO
MSBatesville Mfg	AA-002	Particulate Matter (PM) filterable	Biomass	4.68E-01		190	NO
MSWeyerha euser1398	Boiler No. 1	Particulate Matter (PM) filterable	Biomass	5.09E-01		191	NO
MSWeyerha euser1398	Boiler No. 2	Particulate Matter (PM) filterable	Biomass	2.23E+00		192	NO
VAGeorgiaP acificBrookn ealGladys	5600	Particulate Matter (PM) filterable	Biomass	2.44E+00		193	NO
IAArchersDa nielsMidland DesMoines	Asea Boiler #1	Particulate Matter (PM) filterable	Coal	2.00E-04		1	YES
IAMonsanto Muscatine	Boiler #8 (EP 195)	Particulate Matter (PM) filterable	Coal	4.95E-04		2	YES
IAUofNother nIowa	Boiler #3	Particulate Matter (PM) filterable	Coal	5.91E-04		3	YES



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID_common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
VAUniversity of Virginia	7103-1-01R	Particulate Matter (PM) filterable	Coal	6.00E-04		4	YES
IAIAStateUniversityPowerPlant	B2	Particulate Matter (PM) filterable	Coal	6.08E-04		5	YES
WIGreenBayPackagingMillIDivision	Boiler B26-Coal Fired Boiler	Particulate Matter (PM) filterable	Coal	6.40E-04		6	YES
TNCargillMemphis	Stoker Boiler 8001	Particulate Matter (PM) filterable	Coal	7.12E-04		7	YES
PAPHGlatfelter	PB5	Particulate Matter (PM) filterable	Coal	8.59E-04		8	YES
TNEastman_NO_CBIDATA	Boiler 25	Particulate Matter (PM) filterable	Coal	8.67E-04		9	YES
IAIAStateUniversityPowerPlant	B1	Particulate Matter (PM) filterable	Coal	1.00E-03		10	YES
OHSmartPapersHoldingsLLC	B010	Particulate Matter (PM) filterable	Coal	1.00E-03		11	YES
TNEastman_NO_CBIDATA	Boiler 27	Particulate Matter (PM) filterable	Coal	1.20E-03		12	YES
WINewPageBiron	B24	Particulate Matter (PM) filterable	Coal	1.37E-03		13	YES
IDTASCONAmpa	Riley Boiler	Particulate Matter (PM) filterable	Coal	1.44E-03		14	YES
MENewPageRumford	Cogen#6	Particulate Matter (PM) filterable	Coal	1.47E-03		15	YES
MENewPageRumford	Cogen#7	Particulate Matter (PM) filterable	Coal	1.47E-03		16	YES
INSABICInnovativePlastics	01-001 BW1 Boiler	Particulate Matter (PM) filterable	Coal	1.53E-03		17	YES
INSABICInnovativePlastics	01-001 BW2 Boiler	Particulate Matter (PM) filterable	Coal	1.53E-03		18	YES
MNAmericanCrystalCrookston	Boiler 1	Particulate Matter (PM) filterable	Coal	1.73E-03		19	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
IAADMCorn ProcessingC R	EU-502B	Particulate Matter (PM) filterable	Coal	2.20E-03		20	YES
WIWausau	# 5 Power Boiler (B24)	Particulate Matter (PM) filterable	Coal	2.31E-03		21	YES
AKDoyonUtili ties_AK	4	Particulate Matter (PM) filterable	Coal	2.33E-03		22	YES
INPurdueUni versity	Boiler 5	Particulate Matter (PM) filterable	Coal	2.33E-03		23	YES
VAAUniversity ofVirginia	7103-1-02R	Particulate Matter (PM) filterable	Coal	2.33E-03		24	YES
TNEastman_ NO_CBI DATA	Boiler 30	Particulate Matter (PM) filterable	Coal	2.60E-03		25	YES
WAWeyerha euserLongvi ew	No. 11 Hog Fuel Boiler	Particulate Matter (PM) filterable	Coal	2.67E-03		26	YES
ILRockIsland Arsenal	NBN 12602 (Boiler #1)	Particulate Matter (PM) filterable	Coal	2.69E-03		27	YES
OHUofCincin nati	B108	Particulate Matter (PM) filterable	Coal	2.78E-03		28	YES
SCInternatio nalPaperEas tover	No. 1 Power Boiler	Particulate Matter (PM) filterable	Coal	2.90E-03		29	YES
WIThilmay PapersNicole tMill	B23	Particulate Matter (PM) filterable	Coal	2.94E-03		30	YES
WIThilmay PapersNicole tMill	B24	Particulate Matter (PM) filterable	Coal	2.94E-03		31	YES
IDAmalgama tedSugarCo TwinFalls	S-B1	Particulate Matter (PM) filterable	Coal	3.13E-03		32	YES
ILPolyOne	B1	Particulate Matter (PM) filterable	Coal	3.20E-03		33	YES
FLSmurfit- Stone	7PB	Particulate Matter (PM) filterable	Coal	3.24E-03		34	YES
MESDWarre n	#21 Boiler	Particulate Matter (PM) filterable	Coal	3.33E-03		35	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNEastman_ NO_CBIDAT A	Boiler 31	Particulate Matter (PM) filterable	Coal	3.47E-03		36	YES
IAUoflowa	EP7 Boiler 11	Particulate Matter (PM) filterable	Coal	3.53E-03		37	YES
ILAbbottAbb ottPark	Unit 5AP	Particulate Matter (PM) filterable	Coal	3.59E-03		38	YES
VADukeEner gyNarrows	Boiler #2	Particulate Matter (PM) filterable	Coal	3.67E-03		39	YES
OHSmartPa persHoldings LLC	B020	Particulate Matter (PM) filterable	Coal	3.73E-03		40	YES
AKDoyonUtili ties_AK	7	Particulate Matter (PM) filterable	Coal	3.83E-03		41	YES
VAGPBigsla nd2703	PWR04 - No. 4 Power Boiler	Particulate Matter (PM) filterable	Coal	4.00E-03		42	YES
VAUniversity ofVirginia	7103-1-05	Particulate Matter (PM) filterable	Coal	4.20E-03		43	YES
VADukeEner gyNarrows	Boiler #3	Particulate Matter (PM) filterable	Coal	4.33E-03		44	YES
INNotreDam e	B-4	Particulate Matter (PM) filterable	Coal	4.50E-03		45	NO
NCHanesDy eWinstonSal em	ES B01	Particulate Matter (PM) filterable	Coal	4.63E-03		46	NO
NCHanesDy eWinstonSal em	ES B02	Particulate Matter (PM) filterable	Coal	4.63E-03		47	NO
OKGPMusko geeMill	B-3	Particulate Matter (PM) filterable	Coal	4.67E-03		48	NO
TNEastman_ NO_CBIDAT A	Boiler 26	Particulate Matter (PM) filterable	Coal	4.67E-03		49	NO
TNEastman_ NO_CBIDAT A	Boiler 28	Particulate Matter (PM) filterable	Coal	4.70E-03		50	NO
IARoquetteA merica	Circulating Fluidized Bed Boiler (121)	Particulate Matter (PM) filterable	Coal	4.74E-03		51	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MIHollandBP W	Unit 3	Particulate Matter (PM) filterable	Coal	5.00E-03		52	NO
OHMortonSa ltRittman	B003 - Coal- Fired Boiler #1	Particulate Matter (PM) filterable	Coal	5.00E-03		53	NO
TNTateLyleL oudon	PES #34	Particulate Matter (PM) filterable	Coal	5.00E-03		54	NO
TNTateLyleL oudon	PES #35	Particulate Matter (PM) filterable	Coal	5.00E-03		55	NO
MITBSimonP owerPlant	Unit 1	Particulate Matter (PM) filterable	Coal	5.01E-03		56	NO
NCEPCORR oxboro	1-A	Particulate Matter (PM) filterable	Coal	5.17E-03		57	NO
NCEPCORR oxboro	1-B	Particulate Matter (PM) filterable	Coal	5.17E-03		58	NO
NCEPCORR oxboro	1-C	Particulate Matter (PM) filterable	Coal	5.17E-03		59	NO
PAPHGlatfelt er	PB1	Particulate Matter (PM) filterable	Coal	5.21E-03		60	NO
PAPHGlatfelt er	PB4	Particulate Matter (PM) filterable	Coal	5.23E-03		61	NO
PAPHGlatfelt er	PB3	Particulate Matter (PM) filterable	Coal	5.26E-03		62	NO
TNInvistaCh attanooga	EU002 - Boiler #4	Particulate Matter (PM) filterable	Coal	5.30E-03		63	NO
GAIPSavann ah	No. 13 Power Boiler PB13	Particulate Matter (PM) filterable	Coal	5.33E-03		64	NO
IAMuscatine PowerandW ater	Unit 7	Particulate Matter (PM) filterable	Coal	5.33E-03		65	NO
TNEastman_ NO_CBIDAT A	Boiler 29	Particulate Matter (PM) filterable	Coal	5.60E-03		66	NO
IDTASCONa mpa	Babcock and Wilcox (B&W) #1	Particulate Matter (PM) filterable	Coal	5.67E-03		67	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
IDTASCONa mpa	Babcock and Wilcox (B&W) #2	Particulate Matter (PM) filterable	Coal	5.67E-03		68	NO
SCSonocoH artsville	Boiler Number 4	Particulate Matter (PM) filterable	Coal	5.67E-03		69	NO
VADukeEner gyNarrows	Boiler #6	Particulate Matter (PM) filterable	Coal	5.67E-03		70	NO
INAlcoaWarri ck	Unit #3	Particulate Matter (PM) filterable	Coal	5.69E-03		71	NO
MIPharma& Upjohn1180	Boiler 3	Particulate Matter (PM) filterable	Coal	5.77E-03		72	NO
VAVirginiaPo lytechnic	Boiler 7	Particulate Matter (PM) filterable	Coal	6.00E-03		73	NO
VAPhilipMorr isPark500	B3	Particulate Matter (PM) filterable	Coal	6.00E-03		74	NO
IAADMCorn ProcessingC R	EU-530	Particulate Matter (PM) filterable	Coal	6.08E-03		75	NO
INNewEner gy	Riley Boiler	Particulate Matter (PM) filterable	Coal	6.45E-03		76	NO
PAPennStat e	31	Particulate Matter (PM) filterable	Coal	7.00E-03		77	NO
PAPennStat e	32	Particulate Matter (PM) filterable	Coal	7.00E-03		78	NO
PAPennStat e	34	Particulate Matter (PM) filterable	Coal	7.00E-03		79	NO
PAPennStat e	35	Particulate Matter (PM) filterable	Coal	7.00E-03		80	NO
SCCogenSo uth	B001 - Main Boiler	Particulate Matter (PM) filterable	Coal	7.07E-03		81	NO
INTateLyleS agamore	31B1	Particulate Matter (PM) filterable	Coal	7.33E-03		82	NO
MINeenahPa perMI	Boiler 1	Particulate Matter (PM) filterable	Coal	7.33E-03		83	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
VAPhilipMorr isPark500	B2	Particulate Matter (PM) filterable	Coal	7.33E-03		84	NO
SCSonocoH artsville	Boiler Number 9	Particulate Matter (PM) filterable	Coal	7.37E-03		85	NO
WVPPGMart insville	R011-Boiler 3	Particulate Matter (PM) filterable	Coal	7.48E-03		86	NO
VASmurfitSt oneWestpt	PB08	Particulate Matter (PM) filterable	Coal	7.62E-03		87	NO
GASPNewsp rint	PB2	Particulate Matter (PM) filterable	Coal	7.70E-03		88	NO
WVATKRock etCenter	NB2766 W- 17479-W (Boiler 17)	Particulate Matter (PM) filterable	Coal	7.92E-03		89	NO
WIMilwauke ePowerPlant	Boiler B21	Particulate Matter (PM) filterable	Coal	8.00E-03		90	NO
WIWausau	# 6 Power Boiler (B20)	Particulate Matter (PM) filterable	Coal	8.29E-03		91	NO
NCUNCCog en	ES-001	Particulate Matter (PM) filterable	Coal	8.45E-03		92	NO
MAUMass	EU#3	Particulate Matter (PM) filterable	Coal	8.50E-03		93	NO
MAUMass	EU#4	Particulate Matter (PM) filterable	Coal	8.50E-03		94	NO
MAUMass	EU#5	Particulate Matter (PM) filterable	Coal	8.50E-03		95	NO
WIMilwauke ePowerPlant	Boiler B23	Particulate Matter (PM) filterable	Coal	8.60E-03		96	NO
OHBataviaTr ansmissions	Boiler 2 (B002)	Particulate Matter (PM) filterable	Coal	8.67E-03		97	NO
WIWausauR hine	B26	Particulate Matter (PM) filterable	Coal	8.93E-03		98	NO
NCEPCORS outhport	1-A Boiler	Particulate Matter (PM) filterable	Coal	9.00E-03		99	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCEPCORS outhport	1-C Boiler	Particulate Matter (PM) filterable	Coal	9.00E-03		100	NO
NCEPCORS outhport	1-B Boiler	Particulate Matter (PM) filterable	Coal	9.00E-03		101	NO
WVDuPont Washington Works	P04	Particulate Matter (PM) filterable	Coal	9.03E-03		102	NO
IAADMCorn ProcessingC R	EU-501B	Particulate Matter (PM) filterable	Coal	9.23E-03		103	NO
OHCampbell sSoupCo	B002	Particulate Matter (PM) filterable	Coal	9.27E-03		104	NO
OHCampbell sSoupCo	B001	Particulate Matter (PM) filterable	Coal	9.27E-03		105	NO
MNWausauP aper- Brainerd	EU 004	Particulate Matter (PM) filterable	Coal	9.67E-03		106	NO
VADukeEner gyNarrows	Boiler #4	Particulate Matter (PM) filterable	Coal	9.67E-03		107	NO
WINewPage- WisconsinRa pids	Power Boiler 2 - B20	Particulate Matter (PM) filterable	Coal	9.83E-03		108	NO
MIGMOrion1 138	EG-Boiler 3	Particulate Matter (PM) filterable	Coal	1.00E-02		109	NO
TNOakRidge- Y12	Boiler/Unit 34	Particulate Matter (PM) filterable	Coal	1.00E-02		110	NO
NCMillerCoor s	ES-2 Coal/No. 2 & 6 Fuel Oil Boiler	Particulate Matter (PM) filterable	Coal	1.03E-02		111	NO
MIHollandBP W	Unit 4	Particulate Matter (PM) filterable	Coal	1.07E-02		112	NO
WIMilwauke ePowerPlant	Boiler B22	Particulate Matter (PM) filterable	Coal	1.07E-02		113	NO
WYSolvay	AQD #18 Boiler #1	Particulate Matter (PM) filterable	Coal	1.07E-02		114	NO
NCHanesDy eWinstonSal em	ES B03	Particulate Matter (PM) filterable	Coal	1.17E-02		115	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
COCoEnergy Nations	Boiler 5	Particulate Matter (PM) filterable	Coal	1.20E-02		116	NO
MEVersoPap er	Boiler #8	Particulate Matter (PM) filterable	Coal	1.20E-02		117	NO
WIGPGreen Bay2818	B25 - Stoker Boiler #5	Particulate Matter (PM) filterable	Coal	1.20E-02		118	NO
WIGPGreen Bay2818	B26 - Stoker Boiler #6	Particulate Matter (PM) filterable	Coal	1.20E-02		119	NO
WIGPGreen Bay2818	B27 - Cyclone Boiler #7	Particulate Matter (PM) filterable	Coal	1.20E-02		120	NO
WIGPGreen Bay2818	B28 - Stoker Boiler #8	Particulate Matter (PM) filterable	Coal	1.20E-02		121	NO
MNAmerican CrystalMoorh ead	Boiler 2	Particulate Matter (PM) filterable	Coal	1.21E-02		122	NO
MSDuPontD eLisle1342	AF-101B (BLR-1342)	Particulate Matter (PM) filterable	Coal	1.23E-02		123	NO
MSDuPontD eLisle1342	AF-101A (BLR-1342)	Particulate Matter (PM) filterable	Coal	1.23E-02		124	NO
TNNissanSm yrna	Boiler 2	Particulate Matter (PM) filterable	Coal	1.23E-02		125	NO
TNNissanSm yrna	Boiler 3	Particulate Matter (PM) filterable	Coal	1.24E-02		126	NO
ILBungeDan ville	CFB Boiler	Particulate Matter (PM) filterable	Coal	1.26E-02		127	NO
MDNewPage Luke	No. 25	Particulate Matter (PM) filterable	Coal	1.26E-02		128	NO
PADomtarJo hnsenburg	#81 Coal Boiler	Particulate Matter (PM) filterable	Coal	1.27E-02		129	NO
PADomtarJo hnsenburg	#82 Coal Boiler	Particulate Matter (PM) filterable	Coal	1.27E-02		130	NO
MIGMDetroit Hamtramck	Boiler #2	Particulate Matter (PM) filterable	Coal	1.28E-02		131	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MIGMDetroit Hamtramck	Boiler #3	Particulate Matter (PM) filterable	Coal	1.28E-02		132	NO
MIGMDetroit Hamtramck	Boiler #4	Particulate Matter (PM) filterable	Coal	1.28E-02		133	NO
WVPPGMart insville	R072-Boiler 5	Particulate Matter (PM) filterable	Coal	1.28E-02		134	NO
ALCargill- Decatur	Keeler (S- 407)	Particulate Matter (PM) filterable	Coal	1.30E-02		135	NO
NCTysonHar mony	TYS-ES-21	Particulate Matter (PM) filterable	Coal	1.30E-02		136	NO
COCoEnergy Nations	Boiler 4	Particulate Matter (PM) filterable	Coal	1.30E-02		137	NO
TNBowaterN ewsprint	Power Boiler No. 3	Particulate Matter (PM) filterable	Coal	1.30E-02		138	NO
IAADMCorn ProcessingC R	EU-502A	Particulate Matter (PM) filterable	Coal	1.33E-02		139	NO
INBungeDec atur	Keeler (2SP1)	Particulate Matter (PM) filterable	Coal	1.33E-02		140	NO
VAVirginiaPo lytechnic	Boiler 11	Particulate Matter (PM) filterable	Coal	1.34E-02		141	NO
MASolutiaInc Springfield	EU 150 S03	Particulate Matter (PM) filterable	Coal	1.35E-02		142	NO
INCitizensTh ermal	15	Particulate Matter (PM) filterable	Coal	1.40E-02		143	NO
INCitizensTh ermal	16	Particulate Matter (PM) filterable	Coal	1.40E-02		144	NO
TNViskase	Boiler 1	Particulate Matter (PM) filterable	Coal	1.40E-02		145	NO
TNViskase	Boiler 2	Particulate Matter (PM) filterable	Coal	1.40E-02		146	NO
DEINVISTA	EU 001 - Coal Boiler No. 1	Particulate Matter (PM) filterable	Coal	1.41E-02		147	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
KYISPChe micals	0AA (Riley)	Particulate Matter (PM) filterable	Coal	1.43E-02		148	NO
MNWausauP aper- Brainerd	EU 002	Particulate Matter (PM) filterable	Coal	1.43E-02		149	NO
MNWausauP aper- Brainerd	EU 003	Particulate Matter (PM) filterable	Coal	1.43E-02		150	NO
ILRockIsland Arsenal	Boiler #4	Particulate Matter (PM) filterable	Coal	1.50E-02		151	NO
TNCargillMe mphis	Pulverized Coal Boiler (8301)	Particulate Matter (PM) filterable	Coal	1.50E-02		152	NO
IACargillEdd yville	1.001	Particulate Matter (PM) filterable	Coal	1.53E-02		153	NO
IACargillEdd yville	1.002	Particulate Matter (PM) filterable	Coal	1.53E-02		154	NO
IACargillEdd yville	1.039	Particulate Matter (PM) filterable	Coal	1.53E-02		155	NO
DEINVISTA	EU 003 - Coal Boiler No. 3	Particulate Matter (PM) filterable	Coal	1.53E-02		156	NO
NCBlueRidg ePaper	G11040	Particulate Matter (PM) filterable	Coal	1.53E-02		157	NO
NYAESWest over	Boiler 11	Particulate Matter (PM) filterable	Coal	1.57E-02		158	NO
NYAESWest over	Boiler 12	Particulate Matter (PM) filterable	Coal	1.57E-02		159	NO
NYAESWest over	Boiler 13	Particulate Matter (PM) filterable	Coal	1.57E-02		160	NO
TNOakRidge- Y12	Boiler/Unit 32	Particulate Matter (PM) filterable	Coal	1.57E-02		161	NO
ILRockIsland Arsenal	NBN 12888 (Boiler #2)	Particulate Matter (PM) filterable	Coal	1.59E-02		162	NO
GAInternatio nalPaperAug ustaMills	PB2A	Particulate Matter (PM) filterable	Coal	1.60E-02		163	NO
WYSolvay	AQD #19 Boiler #2	Particulate Matter (PM) filterable	Coal	1.60E-02		164	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
OHRockTen nCincinnati	B001	Particulate Matter (PM) filterable	Coal	1.63E-02		165	NO
WVDuPont Washington Works	P06	Particulate Matter (PM) filterable	Coal	1.64E-02		166	NO
OHAppletonI deas	Boiler 2 (B002)	Particulate Matter (PM) filterable	Coal	1.67E-02		167	NO
OHCognisOI eochem	Boiler #1 (B027)	Particulate Matter (PM) filterable	Coal	1.67E-02		168	NO
VADukeEner gyNarrows	Boiler #7	Particulate Matter (PM) filterable	Coal	1.67E-02		169	NO
MDNewPage Luke	No. 24	Particulate Matter (PM) filterable	Coal	1.74E-02		170	NO
MNBlandinP aperEnergyC tr	#5 Boiler	Particulate Matter (PM) filterable	Coal	1.77E-02		171	NO
MNBlandinP aperEnergyC tr	#6 Boiler	Particulate Matter (PM) filterable	Coal	1.77E-02		172	NO
IAADMCorn ProcessingC R	EU-501A	Particulate Matter (PM) filterable	Coal	1.80E-02		173	NO
WINewPage- WisconsinRa pids	Power Boiler 1 - B21	Particulate Matter (PM) filterable	Coal	1.80E-02		174	NO
SCSmurfitSt one	Unit 16: Boiler #4	Particulate Matter (PM) filterable	Coal	1.85E-02		175	NO
INAlcoaWarri ck	Unit #2	Particulate Matter (PM) filterable	Coal	1.87E-02		176	NO
NCDomtar	65-25-0310 (No. 2 Hog Fuel Boiler)	Particulate Matter (PM) filterable	Coal	1.95E-02		177	NO
WVUCCSout hCharleston	B25	Particulate Matter (PM) filterable	Coal	1.97E-02		178	NO
SCINVISTA CamdenPlan t	Unit ID 3 - Boiler No. 3	Particulate Matter (PM) filterable	Coal	2.00E-02		179	NO
SCINVISTA CamdenPlan t	Unit ID 4 - Boiler No. 4	Particulate Matter (PM) filterable	Coal	2.00E-02		180	NO
NEADMLinc oln	EU26 Coal Boiler	Particulate Matter (PM) filterable	Coal	2.05E-02		181	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MNNorthshoreMining	Unit 2 (EU 002)	Particulate Matter (PM) filterable	Coal	2.06E-02		182	NO
INCitizensThermal	12	Particulate Matter (PM) filterable	Coal	2.07E-02		183	NO
WIDomtarNebraska	B20 - Boiler No. 1	Particulate Matter (PM) filterable	Coal	2.09E-02		184	NO
WIDomtarNebraska	B21 - Boiler No. 2	Particulate Matter (PM) filterable	Coal	2.09E-02		185	NO
WIDomtarNebraska	B22 - Boiler No. 7	Particulate Matter (PM) filterable	Coal	2.09E-02		186	NO
WIDomtarNebraska	B24 - Boiler No. 10	Particulate Matter (PM) filterable	Coal	2.09E-02		187	NO
WIWausauRhine	B20	Particulate Matter (PM) filterable	Coal	2.10E-02		188	NO
WIWausauRhine	B21	Particulate Matter (PM) filterable	Coal	2.10E-02		189	NO
WIWausauRhine	B22	Particulate Matter (PM) filterable	Coal	2.10E-02		190	NO
WIWausauRhine	B23	Particulate Matter (PM) filterable	Coal	2.10E-02		191	NO
VASmurfitStoneHopewell	Combination Boiler	Particulate Matter (PM) filterable	Coal	2.13E-02		192	NO
ILAbbottAbbottPark	Unit 4AP	Particulate Matter (PM) filterable	Coal	2.13E-02		193	NO
NCMillerCoors	ES-1 Coal/No. 2 & 6 Fuel Oil Boiler	Particulate Matter (PM) filterable	Coal	2.17E-02		194	NO
NMCASCherryPoint	CP-152-BOIL-01	Particulate Matter (PM) filterable	Coal	2.17E-02		195	NO
NCKapStone	PB1	Particulate Matter (PM) filterable	Coal	2.25E-02		196	NO
TNInvistaChattanooga	EU002 - Boiler #3	Particulate Matter (PM) filterable	Coal	2.33E-02		197	NO
MOIPLBlueValley	Unit 1	Particulate Matter (PM) filterable	Coal	2.35E-02		198	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCDomtar	64-25-0290 (No. 1 Hog Fuel Boiler)	Particulate Matter (PM) filterable	Coal	2.37E-02		199	NO
ILADMQuinc y	EU-5003	Particulate Matter (PM) filterable	Coal	2.38E-02		200	NO
ILADMQuinc y	EU-5004	Particulate Matter (PM) filterable	Coal	2.38E-02		201	NO
OHOrrvilleUti lities	B005	Particulate Matter (PM) filterable	Coal	2.43E-02		202	NO
OHUSEnrich mentCorpPik eton	X-600 Boiler No. 3	Particulate Matter (PM) filterable	Coal	2.47E-02		203	NO
PAHorsehea dCorpMonac o	35	Particulate Matter (PM) filterable	Coal	2.47E-02		204	NO
MIManistique Paper	EUBLR001	Particulate Matter (PM) filterable	Coal	2.56E-02		205	NO
MIManistique Paper	EUBLR002	Particulate Matter (PM) filterable	Coal	2.56E-02		206	NO
MNAmerican CrystalMoorr head	Boiler 1	Particulate Matter (PM) filterable	Coal	2.58E-02		207	NO
TNBowaterN ewsprint	Power Boiler No. 1	Particulate Matter (PM) filterable	Coal	2.60E-02		208	NO
GACargill- Gainesville	B001	Particulate Matter (PM) filterable	Coal	2.63E-02		209	NO
PAHorsehea dCorpMonac o	34	Particulate Matter (PM) filterable	Coal	2.63E-02		210	NO
WVDuPont Washington Works	P05	Particulate Matter (PM) filterable	Coal	2.67E-02		211	NO
COCameoSt ation	Unit 1	Particulate Matter (PM) filterable	Coal	2.67E-02		212	NO
ILBungeCair o470	EU 032 (Coal Fired Boiler No. 2)	Particulate Matter (PM) filterable	Coal	2.70E-02		213	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ILBungeCairo470	EU 032 (Coal Fired Boiler No.1)	Particulate Matter (PM) filterable	Coal	2.70E-02		214	NO
WIUWOshkosh	600425	Particulate Matter (PM) filterable	Coal	2.90E-02		215	NO
OHAkronThermalEnergy	Boiler #32 (B001)	Particulate Matter (PM) filterable	Coal	2.96E-02		216	NO
MOCentralElectricChamouis	UNIT 1	Particulate Matter (PM) filterable	Coal	2.97E-02		217	NO
MOMallinckrodt	Boiler 6	Particulate Matter (PM) filterable	Coal	3.00E-02		218	NO
WVDuPontWashingtonWorks	P02	Particulate Matter (PM) filterable	Coal	3.03E-02		219	NO
OHMortonSaltRittman	B002 - Coal- Fired Boiler #2	Particulate Matter (PM) filterable	Coal	3.07E-02		220	NO
TNOakRidge-Y12	Boiler/Unit 31	Particulate Matter (PM) filterable	Coal	3.10E-02		221	NO
ILRockIslandArsenal	NBN 3059 (Boiler #3)	Particulate Matter (PM) filterable	Coal	3.14E-02		222	NO
AZCatalystPaperSnowflake	Power Boiler #2 Coal	Particulate Matter (PM) filterable	Coal	3.15E-02		223	NO
MOColumbiaPowerPlant	Boiler Unit 6	Particulate Matter (PM) filterable	Coal	3.19E-02		224	NO
MOColumbiaPowerPlant	Boiler Unit 7	Particulate Matter (PM) filterable	Coal	3.19E-02		225	NO
MNADMMankato	ASEA Boiler #5	Particulate Matter (PM) filterable	Coal	3.20E-02		226	NO
NDAmericanCrystalDrayton	Main Boiler	Particulate Matter (PM) filterable	Coal	3.22E-02		227	NO
MNNorthshoreMining	Unit 1 (EU 001)	Particulate Matter (PM) filterable	Coal	3.23E-02		228	NO
VAMeadWestVaco-CovingtonVA	PWR006	Particulate Matter (PM) filterable	Coal	3.25E-02		229	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
VAMeadWes tVaco- CovingtonVA	PWR007	Particulate Matter (PM) filterable	Coal	3.25E-02		230	NO
VAMeadWes tVaco- CovingtonVA	PWR008	Particulate Matter (PM) filterable	Coal	3.25E-02		231	NO
VAMeadWes tVaco- CovingtonVA	PWR009	Particulate Matter (PM) filterable	Coal	3.25E-02		232	NO
OHUSEnrich mentCorpPik eton	X-600 Boiler No. 1	Particulate Matter (PM) filterable	Coal	3.33E-02		233	NO
DEINVISTA	EU 002 - Coal Boiler No. 2	Particulate Matter (PM) filterable	Coal	3.36E-02		234	NO
WINewPage Biron	B23	Particulate Matter (PM) filterable	Coal	3.37E-02		235	NO
TNDuPontOl dHickoryPlan t	#20 Boiler	Particulate Matter (PM) filterable	Coal	3.40E-02		236	NO
MOIP&LMiss ouriCity	Unit 1	Particulate Matter (PM) filterable	Coal	3.46E-02		237	NO
MOIP&LMiss ouriCity	Unit 2	Particulate Matter (PM) filterable	Coal	3.46E-02		238	NO
WYGeneralC hemical	GR-3-W (D BOILER)	Particulate Matter (PM) filterable	Coal	3.47E-02		239	NO
VADukeEner gyNarrows	Boiler #1	Particulate Matter (PM) filterable	Coal	3.50E-02		240	NO
ALIPineHill	109-0001- Z010	Particulate Matter (PM) filterable	Coal	3.53E-02		241	NO
NCCampLej euneMCB	A-HP-1700- 01	Particulate Matter (PM) filterable	Coal	3.53E-02		242	NO
NCCampLej euneMCB	A-HP-1700- 02	Particulate Matter (PM) filterable	Coal	3.53E-02		243	NO
COCoEnergy Nations	Boiler 3	Particulate Matter (PM) filterable	Coal	3.67E-02		244	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCBlueRidgePaper	G11039	Particulate Matter (PM) filterable	Coal	3.80E-02		245	NO
SCINVISTA CamdenPlant	Unit ID 1 - Boiler No. 1	Particulate Matter (PM) filterable	Coal	4.00E-02		246	NO
SCINVISTA CamdenPlant	Unit ID 2 - Boiler No. 2	Particulate Matter (PM) filterable	Coal	4.00E-02		247	NO
NCEIDuPont Kinston	ES6022B	Particulate Matter (PM) filterable	Coal	4.01E-02		248	NO
NCBlueRidgePaper	G11038	Particulate Matter (PM) filterable	Coal	4.03E-02		249	NO
TNDuPontOldHickoryPlant	#24 Boiler	Particulate Matter (PM) filterable	Coal	4.07E-02		250	NO
MOIPLBlueValley	Unit 2	Particulate Matter (PM) filterable	Coal	4.15E-02		251	NO
INBungeDecatur	B&W (1SP1)	Particulate Matter (PM) filterable	Coal	4.17E-02		252	NO
OHOrrvilleUtilities	B001	Particulate Matter (PM) filterable	Coal	4.23E-02		253	NO
OHAppletonIdeas	Boiler 4 (B003)	Particulate Matter (PM) filterable	Coal	4.33E-02		254	NO
OHPainesvilleMunicipalElectric	B004	Particulate Matter (PM) filterable	Coal	4.33E-02		255	NO
INSABICInnovativePlastics	09-002 Lasker Boiler	Particulate Matter (PM) filterable	Coal	4.36E-02		256	NO
VAINVISTA Waynesboro	2-205 (B#2) Boiler #2	Particulate Matter (PM) filterable	Coal	4.36E-02		257	NO
VADukeEnergyNarrows	Boiler #5	Particulate Matter (PM) filterable	Coal	4.37E-02		258	NO
GASPNewsprint	PB1	Particulate Matter (PM) filterable	Coal	4.43E-02		259	NO
GAGPCedar Springs	U501 - Power Boiler No 2	Particulate Matter (PM) filterable	Coal	4.43E-02		260	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
OHArceIorMitalCleveland	Boiler D	Particulate Matter (PM) filterable	Coal	4.54E-02		261	NO
OH Painesville Municipal Electric	B001	Particulate Matter (PM) filterable	Coal	4.57E-02		262	NO
GAGPSRMRiincon	EU BO01	Particulate Matter (PM) filterable	Coal	4.59E-02		263	NO
OHArceIorMitalCleveland	Boiler 3	Particulate Matter (PM) filterable	Coal	4.59E-02		264	NO
MNVersoPaper	EU006 B&W	Particulate Matter (PM) filterable	Coal	4.63E-02		265	NO
ILPrairiePowerPearl	B1	Particulate Matter (PM) filterable	Coal	4.66E-02		266	NO
NDMinnDakFarmers	Babcock and Wilcox Boiler #5	Particulate Matter (PM) filterable	Coal	4.72E-02		267	NO
NCBlueRidgePaper	G11037	Particulate Matter (PM) filterable	Coal	4.80E-02		268	NO
OH Duke Energy Generation Cincinnati	B022 (Boiler #4, IG-4A)	Particulate Matter (PM) filterable	Coal	4.83E-02		269	NO
WYGeneral Chemical	GR-2-L (C BOILER)	Particulate Matter (PM) filterable	Coal	4.94E-02		270	NO
MNVersoPaper	EU018 Bros	Particulate Matter (PM) filterable	Coal	5.00E-02		271	NO
OHBatavia Transmissions	Boiler 1 (B001)	Particulate Matter (PM) filterable	Coal	5.00E-02		272	NO
IAJohnDeereDubuque	Boiler 1	Particulate Matter (PM) filterable	Coal	5.05E-02		273	NO
IAJohnDeereDubuque	Boiler 4	Particulate Matter (PM) filterable	Coal	5.05E-02		274	NO
TNInvista Chattanooga	EU002 - Boiler #5	Particulate Matter (PM) filterable	Coal	5.07E-02		275	NO
OHBatavia Transmissions	Boiler 3 (B003)	Particulate Matter (PM) filterable	Coal	5.33E-02		276	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
GAGPCedar Springs	U500 - Power Boiler No 1	Particulate Matter (PM) filterable	Coal	5.34E-02		277	NO
WINewPage- Whiting	B24	Particulate Matter (PM) filterable	Coal	5.48E-02		278	NO
NYCornellUn iversity	B1	Particulate Matter (PM) filterable	Coal	5.53E-02		279	NO
INSABICInno vativePlastic s	09-002 Erie Boiler	Particulate Matter (PM) filterable	Coal	5.63E-02		280	NO
WIFlambeau RiverPaper	B24	Particulate Matter (PM) filterable	Coal	5.67E-02		281	NO
OHUSEnrich mentCorpPik eton	X-600 Boiler No. 2	Particulate Matter (PM) filterable	Coal	5.73E-02		282	NO
IAJohnDeere Dubuque	Boiler 2	Particulate Matter (PM) filterable	Coal	5.84E-02		283	NO
IAJohnDeere Dubuque	Boiler 3	Particulate Matter (PM) filterable	Coal	5.84E-02		284	NO
NCMCASCh erryPoint	CP-152- BOIL-02	Particulate Matter (PM) filterable	Coal	5.97E-02		285	NO
NCCampLej euneMCB	A-HP-1700- 03	Particulate Matter (PM) filterable	Coal	6.43E-02		286	NO
NCCampLej euneMCB	A-HP-1700- 04	Particulate Matter (PM) filterable	Coal	6.43E-02		287	NO
WVPPGMart insville	R015-Boiler 4	Particulate Matter (PM) filterable	Coal	6.47E-02		288	NO
IAAGPEagle Grove	Boiler 1	Particulate Matter (PM) filterable	Coal	6.51E-02		289	NO
HIPuuneneS ugarMill	Boiler 3	Particulate Matter (PM) filterable	Coal	6.93E-02		290	NO
INPurdueUni versity	Boiler 2	Particulate Matter (PM) filterable	Coal	6.93E-02		291	NO
VAPhilipMorr isMC	PC	Particulate Matter (PM) filterable	Coal	7.13E-02		292	NO
OHOrrvilleUti lities	B004	Particulate Matter (PM) filterable	Coal	7.37E-02		293	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID_common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
GACaraustar	CB01	Particulate Matter (PM) filterable	Coal	7.47E-02		294	NO
OHOrrvilleUtilities	B006	Particulate Matter (PM) filterable	Coal	7.67E-02		295	NO
IAIAStateUniversityPowerPlant	B4	Particulate Matter (PM) filterable	Coal	7.73E-02		296	NO
NCBlueRidgePaper	G11042	Particulate Matter (PM) filterable	Coal	7.80E-02		297	NO
HIPuuneneSugarMill	Boiler 1	Particulate Matter (PM) filterable	Coal	7.92E-02		298	NO
HIPuuneneSugarMill	Boiler 2	Particulate Matter (PM) filterable	Coal	7.92E-02		299	NO
MIMISugarSewerwaging	Boiler #1 (summer)	Particulate Matter (PM) filterable	Coal	7.93E-02		300	NO
MIMISugarSewerwaging	Boiler #2	Particulate Matter (PM) filterable	Coal	7.93E-02		301	NO
MNRochesterUtilities	EU003	Particulate Matter (PM) filterable	Coal	7.98E-02		302	NO
MIMichiganSugarCaro	Boiler #1	Particulate Matter (PM) filterable	Coal	8.27E-02		303	NO
MIMichiganSugarCaro	Boiler #2	Particulate Matter (PM) filterable	Coal	8.27E-02		304	NO
WIDairylandPower-Alma	Alma 1	Particulate Matter (PM) filterable	Coal	8.40E-02		305	NO
WIDairylandPower-Alma	Alma 2	Particulate Matter (PM) filterable	Coal	8.40E-02		306	NO
WIDairylandPower-Alma	Alma 3	Particulate Matter (PM) filterable	Coal	8.40E-02		307	NO
MNRochesterUtilities	EU001	Particulate Matter (PM) filterable	Coal	8.43E-02		308	NO
OHPainesvilleMunicipalElectric	B003	Particulate Matter (PM) filterable	Coal	8.63E-02		309	NO
WINewPageKimberly	B21	Particulate Matter (PM) filterable	Coal	8.99E-02		310	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
WINewPage Kimberly	B22	Particulate Matter (PM) filterable	Coal	8.99E-02		311	NO
MIMISugarCr oswell	Boiler #1 (east Wicks)	Particulate Matter (PM) filterable	Coal	9.10E-02		312	NO
MIMISugarCr oswell	Boiler #2 (west Wicks)	Particulate Matter (PM) filterable	Coal	9.10E-02		313	NO
PABayValley FoodsPittsbu rgh	Boiler No. 3	Particulate Matter (PM) filterable	Coal	9.30E-02		314	NO
PABayValley FoodsPittsbu rgh	Boiler No. 4	Particulate Matter (PM) filterable	Coal	9.30E-02		315	NO
SCGaley&Lo rd	1EB1	Particulate Matter (PM) filterable	Coal	9.30E-02		316	NO
SCGaley&Lo rd	1FB1	Particulate Matter (PM) filterable	Coal	9.30E-02		317	NO
INTateLyleLa fayetteSouth	LA-45	Particulate Matter (PM) filterable	Coal	1.04E-01		318	NO
NCEIDuPont Kinston	ES6022A	Particulate Matter (PM) filterable	Coal	1.09E-01		319	NO
MICargillSalt	EGBOILER5	Particulate Matter (PM) filterable	Coal	1.10E-01		320	NO
OHCityofHa milton	B008	Particulate Matter (PM) filterable	Coal	1.17E-01		321	NO
MOBASFH annibal	Coal Fired Boiler #4	Particulate Matter (PM) filterable	Coal	1.22E-01		322	NO
ILDukeEnergy Tuscola	Unit 1	Particulate Matter (PM) filterable	Coal	1.30E-01		323	NO
ILDukeEnergy Tuscola	Unit 3	Particulate Matter (PM) filterable	Coal	1.30E-01		324	NO
IDTASCOPa ul	Babcock and Wilcox (B&W) Boiler	Particulate Matter (PM) filterable	Coal	1.33E-01		325	NO
IDAmalgama tedSugarCo TwinFalls	S-B2	Particulate Matter (PM) filterable	Coal	1.33E-01		326	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
GAInternationalPaperAugustaMills	PB1A	Particulate Matter (PM) filterable	Coal	1.39E-01		327	NO
MNRochesterUtilities	EU002	Particulate Matter (PM) filterable	Coal	1.42E-01		328	NO
MIDelphiSaginaw	EUBR03	Particulate Matter (PM) filterable	Coal	1.48E-01		329	NO
MNDESPHansONyman	EU002	Particulate Matter (PM) filterable	Coal	1.57E-01		330	NO
MNDESPHansONyman	EU003	Particulate Matter (PM) filterable	Coal	1.57E-01		331	NO
NYCornellUniversity	B8	Particulate Matter (PM) filterable	Coal	1.70E-01		332	NO
ILAbbottNorthChicago	Emission Unit TT-16 (Boiler #5)	Particulate Matter (PM) filterable	Coal	1.70E-01		333	NO
IDTASCOPaul	Erie City Boiler	Particulate Matter (PM) filterable	Coal	1.77E-01		334	NO
PABellefield Plant	Boiler 5	Particulate Matter (PM) filterable	Coal	1.77E-01		335	NO
PAAppleton Papers	#036	Particulate Matter (PM) filterable	Coal	1.78E-01		336	NO
WIThilmantLC	B11	Particulate Matter (PM) filterable	Coal	1.80E-01		337	NO
WIThilmantLC	B09	Particulate Matter (PM) filterable	Coal	1.80E-01		338	NO
WVDuPont Washington Works	P03	Particulate Matter (PM) filterable	Coal	1.88E-01		339	NO
ILAbbottNorthChicago	Emission Unit TT-20 (Boiler #6)	Particulate Matter (PM) filterable	Coal	1.95E-01		340	NO
PABayValley FoodsPittsburgh	Boiler No. 2	Particulate Matter (PM) filterable	Coal	2.03E-01		341	NO
PABayValley FoodsPittsburgh	Boiler No. 1	Particulate Matter (PM) filterable	Coal	2.03E-01		342	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
INNotreDame	B-2	Particulate Matter (PM) filterable	Coal	2.06E-01		343	NO
IAGrainProcessing	Boiler #1	Particulate Matter (PM) filterable	Coal	2.31E-01		344	NO
IAGrainProcessing	Boiler #2	Particulate Matter (PM) filterable	Coal	2.31E-01		345	NO
IAGrainProcessing	Boiler #3	Particulate Matter (PM) filterable	Coal	2.31E-01		346	NO
IAGrainProcessing	Boiler #4	Particulate Matter (PM) filterable	Coal	2.31E-01		347	NO
IAGrainProcessing	Boiler #6	Particulate Matter (PM) filterable	Coal	2.31E-01		348	NO
IAGrainProcessing	Boiler #7	Particulate Matter (PM) filterable	Coal	2.31E-01		349	NO
MIDelphiSaginaw	EUBR05	Particulate Matter (PM) filterable	Coal	2.35E-01		350	NO
MIDelphiSaginaw	EUBR04	Particulate Matter (PM) filterable	Coal	2.43E-01		351	NO
MIPharma&Upjohn1178	EUEBLR43-2 (Boiler No. 2)	Particulate Matter (PM) filterable	Coal	2.56E-01		352	NO
MOBASFHannibal	Coal Fired Boiler #5	Particulate Matter (PM) filterable	Coal	2.59E-01		353	NO
IACentrallAPower	EP1 Unit 1 PC Boiler	Particulate Matter (PM) filterable	Coal	2.72E-01		354	NO
INNotreDame	B-3	Particulate Matter (PM) filterable	Coal	2.74E-01		355	NO
MOJamesRiverPowerStation	Unit 1	Particulate Matter (PM) filterable	Coal	2.82E-01		356	NO
MOJamesRiverPowerStation	Unit 2	Particulate Matter (PM) filterable	Coal	2.82E-01		357	NO
PABellefield Plant	Boiler 1	Particulate Matter (PM) filterable	Coal	2.85E-01		358	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MIDelphiSagi naw	EUBR01	Particulate Matter (PM) filterable	Coal	2.85E-01		359	NO
MIPharma& Upjohn1178	EUEBLR43- 4 (Boiler No. 4)	Particulate Matter (PM) filterable	Coal	2.98E-01		360	NO
MIPharma& Upjohn1178	EUEBLR43- 5 (Boiler No. 5)	Particulate Matter (PM) filterable	Coal	3.08E-01		361	NO
PABellefield Plant	Boiler 3	Particulate Matter (PM) filterable	Coal	3.15E-01		362	NO
WVDuPont Washington Works	P01	Particulate Matter (PM) filterable	Coal	3.17E-01		363	NO
MIDelphiSagi naw	EUBR06	Particulate Matter (PM) filterable	Coal	3.40E-01		364	NO
SCSonocoH artsville	Boiler Number 3	Particulate Matter (PM) filterable	Coal	4.10E-01		365	NO
INPurdueUni versity	Boiler 1	Particulate Matter (PM) filterable	Coal	4.66E-01		366	NO
IAADMClinto n	EUCOG-5 #2 Gas Fired Boiler	Particulate Matter (PM) filterable	Gas 1	1.33E-04		1	YES
MSChevronP ascagoula	F-2103	Particulate Matter (PM) filterable	Gas 1	2.67E-04		2	YES
IACargillEdd yville	84.000	Particulate Matter (PM) filterable	Gas 1	2.83E-04		3	YES
IACargillEdd yville	86.000	Particulate Matter (PM) filterable	Gas 1	2.83E-04		4	YES
MABostonGe neratingMysti cStation	EU-17	Particulate Matter (PM) filterable	Gas 1	3.00E-04		5	YES
MSDuPontD eLisle1342	AH-202 (BLR 1342)	Particulate Matter (PM) filterable	Gas 1	3.16E-04		6	YES
IAKochNitrog en	Reformer- Aux Boiler	Particulate Matter (PM) filterable	Gas 1	3.58E-04		7	YES
NCCampLej euneMCB	C-AS-4151- 16	Particulate Matter (PM) filterable	Gas 1	4.20E-04		8	YES
IAGrainProc essing	Boiler #10	Particulate Matter (PM) filterable	Gas 1	4.29E-04		9	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
TNValeroMe mphis	P021 - No. 10 Boiler	Particulate Matter (PM) filterable	Gas 1	4.33E-04		10	YES
MSChevronP ascagoula	F-8510	Particulate Matter (PM) filterable	Gas 1	4.35E-04		11	YES
MSDuPontD eLisle1342	AH-101 (BLR 1342)	Particulate Matter (PM) filterable	Gas 1	4.49E-04		12	YES
MDUofMaryl and	EU 001-4	Particulate Matter (PM) filterable	Gas 1	4.98E-04		13	YES
TNValeroMe mphis	P044-DHT 18 Stripper Reboiler Heater	Particulate Matter (PM) filterable	Gas 1	5.50E-04		14	YES
TNValeroMe mphis	P043 - DHT 18 Reactor Feed Heater	Particulate Matter (PM) filterable	Gas 1	5.67E-04		15	YES
NJSunocoW estville	Boiler #7	Particulate Matter (PM) filterable	Gas 1	6.00E-04		16	YES
NJSunocoW estville	Boiler #6	Particulate Matter (PM) filterable	Gas 1	6.22E-04		17	YES
NJSunocoW estville	Boiler #5	Particulate Matter (PM) filterable	Gas 1	6.23E-04		18	YES
KSCoffeyville Refinery	EU-39- FH0027	Particulate Matter (PM) filterable	Gas 1	6.23E-04		19	NO
NJSunocoW estville	H-1 LSG	Particulate Matter (PM) filterable	Gas 1	6.54E-04		20	NO
NJSunocoW estville	Boiler #8	Particulate Matter (PM) filterable	Gas 1	6.57E-04		21	NO
TNValeroMe mphis	P021 - No. 9 Boiler	Particulate Matter (PM) filterable	Gas 1	7.00E-04		22	NO
TNValeroMe mphis	P037 - SHU Splitter Reboiler Heater	Particulate Matter (PM) filterable	Gas 1	8.00E-04		23	NO
SCMichelinS andySprings	B:02:01	Particulate Matter (PM) filterable	Gas 1	8.92E-04		24	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCMCASCh erryPoint	CP-1780- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-1779- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-1777- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4344- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-1229- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-1787- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-152- BOIL-04	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4639- BOIL-02	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4402- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4465- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4563- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4564- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4571- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4571- BOIL-02	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4401- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4639- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-487- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCMCASCh erryPoint	CP-4639- BOIL-03	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4810- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-486- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-486- BOIL-02	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-487- BOIL-02	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-1791- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4213- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4576- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-3916- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-1799- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-1795- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-192- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-248- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-3919- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4041- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4049- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4298- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 2 - HCl Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NCMCASCh erryPoint	CP-4390- BOIL-02	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4390- BOIL-03	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCMCASCh erryPoint	CP-4390- BOIL-01	Chlorine (Cl)	Liquid	2.05E-03		141	NO
NCCampLej euneMCB	C-RR-15- 47B	Hydrogen Chloride (HCl)	Liquid	2.07E-03		182	NO
MINeenahPa perMI	Boiler 2	Chlorine (Cl)	Liquid	3.19E-03		183	NO
ALGPBrewto nMill	BR-PSG0- S018 No. 1 Power Boiler	Chlorine (Cl)	Liquid	3.20E-03		184	NO
NYConEd59t hStStationNe wYork	Boiler 118	Hydrogen Chloride (HCl)	Liquid	3.67E-03		185	NO
ILCognisCor p	Boiler #1	Hydrogen Chloride (HCl)	Liquid	5.54E-03		186	NO
NCCampLej euneMCB	C-AS-4151- 16	Hydrogen Chloride (HCl)	Liquid	7.33E-03		187	NO
NCDomtar	66-25-2050 (No. 1 Package Boiler)	Hydrogen Chloride (HCl)	Liquid	7.90E-03		188	NO
MESDWarre nSomerset	Package Boiler	Chlorine (Cl)	Liquid	8.72E-03		189	NO
TNPackagin gCorpCounc e	Combination Boiler #1	Hydrogen Chloride (HCl)	Liquid	1.19E-02		190	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MNADMCorn Division	Gas Boiler #4 EU054	Particulate Matter (PM) filterable	Gas 1	9.00E-04		25	NO
OHSolaeBell vue	B008	Particulate Matter (PM) filterable	Gas 1	9.76E-04		26	NO
LAValeroRefi ning	401E Boiler	Particulate Matter (PM) filterable	Gas 1	1.00E-03		27	NO
LAValeroRefi ning	GDU Heater	Particulate Matter (PM) filterable	Gas 1	1.00E-03		28	NO
LAValeroRefi ning	SMR1 Heater No. 1	Particulate Matter (PM) filterable	Gas 1	1.00E-03		29	NO
WATransAlta Centralia	EU 12 BHP Auxiliary Boiler	Particulate Matter (PM) filterable	Gas 1	1.00E-03		30	NO
NJSunocoW estville	PH-2 CRU	Particulate Matter (PM) filterable	Gas 1	1.03E-03		31	NO
NJSunocoW estville	2H-202 ULSD	Particulate Matter (PM) filterable	Gas 1	1.11E-03		32	NO
NJSunocoW estville	PH-6 CRU	Particulate Matter (PM) filterable	Gas 1	1.29E-03		33	NO
NJSunocoW estville	HH-1 HTU	Particulate Matter (PM) filterable	Gas 1	1.34E-03		34	NO
MSDuPontD eLisle1342	AF-103 (BLR 1342)	Particulate Matter (PM) filterable	Gas 1	1.35E-03		35	NO
NJHessCorp- PortReading	U4 - Boiler #4	Particulate Matter (PM) filterable	Gas 1	1.35E-03		36	NO
NJSunocoW estville	PH-1 ISOM	Particulate Matter (PM) filterable	Gas 1	1.35E-03		37	NO
MSDuPontD eLisle1342	AH-201 (BLR 1342)	Particulate Matter (PM) filterable	Gas 1	1.35E-03		38	NO
NJSunocoW estville	B-5A FCCU	Particulate Matter (PM) filterable	Gas 1	1.43E-03		39	NO
NJSunocoW estville	B-5B FCCU	Particulate Matter (PM) filterable	Gas 1	1.43E-03		40	NO
MDUofMaryl and	EU 001-8	Particulate Matter (PM) filterable	Gas 1	1.46E-03		41	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
INTateLyleS agamore	21B501	Particulate Matter (PM) filterable	Gas 1	1.52E-03		42	NO
NJSunocoW estville	B-301 POLY	Particulate Matter (PM) filterable	Gas 1	1.62E-03		43	NO
NJSunocoW estville	HA-4 VPS	Particulate Matter (PM) filterable	Gas 1	1.62E-03		44	NO
PASunocoP hiladelphia	CU-138	Particulate Matter (PM) filterable	Gas 1	1.66E-03		45	NO
MNStPaulPa rkRef	EU 028	Particulate Matter (PM) filterable	Gas 1	1.67E-03		46	NO
MNStPaulPa rkRef	EU 029	Particulate Matter (PM) filterable	Gas 1	1.67E-03		47	NO
SCMarlboro Paper	Package Boiler	Particulate Matter (PM) filterable	Gas 1	1.67E-03		48	NO
LACitgoLake Charles	EQT238	Particulate Matter (PM) filterable	Gas 1	1.67E-03		49	NO
TXTotalPetro chemPortArt hur	51DHT1H-1	Particulate Matter (PM) filterable	Gas 1	1.67E-03		50	NO
MSChevronP ascagoula	F-8400	Particulate Matter (PM) filterable	Gas 1	1.69E-03		51	NO
SCEastman Colombia	HTM Heater #3 (Equip ID 1101)	Particulate Matter (PM) filterable	Gas 1	1.73E-03		52	NO
LAValeroRefi ning	F-15-05	Particulate Matter (PM) filterable	Gas 1	2.00E-03		53	NO
LAValeroRefi ning	KHT Heater F-33-05	Particulate Matter (PM) filterable	Gas 1	2.00E-03		54	NO
KYCatlettsbu rgRefining	1-9-B-588	Particulate Matter (PM) filterable	Gas 1	2.07E-03		55	NO
MSChevronP ascagoula	F-6531	Particulate Matter (PM) filterable	Gas 1	2.09E-03		56	NO
NJSunocoW estville	B-3 FCCU	Particulate Matter (PM) filterable	Gas 1	2.21E-03		57	NO
TXDiamondS hamrockMcK ee	B-12 (600# Boiler)	Particulate Matter (PM) filterable	Gas 1	2.23E-03		58	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
LAValeroRefining	F-72-703	Particulate Matter (PM) filterable	Gas 1	2.33E-03		59	NO
TXTotalPetrochemPortArthur	52DHT2H-1	Particulate Matter (PM) filterable	Gas 1	2.33E-03		60	NO
NJSunocoWesville	HA-3B VPS	Particulate Matter (PM) filterable	Gas 1	2.36E-03		61	NO
NJHessCorp-PortReading	U4 - Boiler #3	Particulate Matter (PM) filterable	Gas 1	2.38E-03		62	NO
MSChevronPascagoula	F-8300B	Particulate Matter (PM) filterable	Gas 1	2.43E-03		63	NO
PASunocoPhiladelphia	CU-137	Particulate Matter (PM) filterable	Gas 1	2.49E-03		64	NO
OKTerraNitrogen	#1 Primary Reformer	Particulate Matter (PM) filterable	Gas 1	2.50E-03		65	NO
KYDomtarHawesville	Package Boiler C-40	Particulate Matter (PM) filterable	Gas 1	2.52E-03		66	NO
MSChevronPascagoula	F-8120	Particulate Matter (PM) filterable	Gas 1	2.56E-03		67	NO
NJSunocoWesville	2H-201 ULSD	Particulate Matter (PM) filterable	Gas 1	2.70E-03		68	NO
NJSunocoWesville	HA-03A VPS	Particulate Matter (PM) filterable	Gas 1	2.71E-03		69	NO
NJSunocoWesville	H-2 LSG	Particulate Matter (PM) filterable	Gas 1	2.72E-03		70	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NJSunocoW estville	HA-01 VPS	Particulate Matter (PM) filterable	Gas 1	2.75E-03		71	NO
MSChevronP ascagoula	F-1601	Particulate Matter (PM) filterable	Gas 1	2.78E-03		72	NO
NJSunocoW estville	HC-301 Claytreater	Particulate Matter (PM) filterable	Gas 1	2.90E-03		73	NO
LAValeroRefi ning	SMR1 Heater No. 2	Particulate Matter (PM) filterable	Gas 1	3.00E-03		74	NO
MNStPaulPa rkRef	EU 026	Particulate Matter (PM) filterable	Gas 1	3.00E-03		75	NO
MSWeyerha euserColum bus	AA-019	Particulate Matter (PM) filterable	Gas 1	3.00E-03		76	NO
NJSunocoW estville	PH-5B CRU	Particulate Matter (PM) filterable	Gas 1	3.02E-03		77	NO
MSChevronP ascagoula	F-8110	Particulate Matter (PM) filterable	Gas 1	3.13E-03		78	NO
TXDiamondS hamrockThre eRivers	H-201	Particulate Matter (PM) filterable	Gas 1	3.17E-03		79	NO
TXDiamondS hamrockThre eRivers	H-203	Particulate Matter (PM) filterable	Gas 1	3.17E-03		80	NO
TXDiamondS hamrockThre eRivers	H-204	Particulate Matter (PM) filterable	Gas 1	3.17E-03		81	NO
WIWisconsin Paperboard2 879	B24	Particulate Matter (PM) filterable	Gas 1	3.29E-03		82	NO
MSChevronP ascagoula	F-8620	Particulate Matter (PM) filterable	Gas 1	3.49E-03		83	NO
TXTotalPetro chemPortArt hur	52DHT2H-2	Particulate Matter (PM) filterable	Gas 1	3.50E-03		84	NO
LAValeroRefi ning	H-60-1	Particulate Matter (PM) filterable	Gas 1	3.67E-03		85	NO
LAValeroRefi ning	H-60-2	Particulate Matter (PM) filterable	Gas 1	3.67E-03		86	NO
LAValeroRefi ning	H-60-3	Particulate Matter (PM) filterable	Gas 1	3.67E-03		87	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
LAValeroRefining	H-60-4	Particulate Matter (PM) filterable	Gas 1	3.67E-03		88	NO
MSChevronPascagoula	F-6101	Particulate Matter (PM) filterable	Gas 1	3.88E-03		89	NO
MSChevronPascagoula	F-6102	Particulate Matter (PM) filterable	Gas 1	3.88E-03		90	NO
MSChevronPascagoula	F-8300C	Particulate Matter (PM) filterable	Gas 1	3.94E-03		91	NO
TXTotalPetrochemPortArthur	51DHT1H-3	Particulate Matter (PM) filterable	Gas 1	4.00E-03		92	NO
OHSolaeBellvue	B010	Particulate Matter (PM) filterable	Gas 1	4.23E-03		93	NO
CTCytecWallingford	150 Furnace	Particulate Matter (PM) filterable	Gas 1	4.33E-03		94	NO
MSMasoniteLaurel	BB-001	Particulate Matter (PM) filterable	Gas 1	4.33E-03		95	NO
DEPremcorGroupValero	Boiler 1	Particulate Matter (PM) filterable	Gas 1	4.40E-03		96	NO
MNStPaulParkRef	EU 007	Particulate Matter (PM) filterable	Gas 1	4.67E-03		97	NO
MSChevronPascagoula	F-8130	Particulate Matter (PM) filterable	Gas 1	4.76E-03		98	NO
MSChevronPascagoula	F-8300A	Particulate Matter (PM) filterable	Gas 1	5.15E-03		99	NO
ILAkzoNobelMorris	B-1 Nebraska Boiler	Particulate Matter (PM) filterable	Gas 1	5.33E-03		100	NO
WVWeyerhaeuserBuckhannon	001-02	Particulate Matter (PM) filterable	Gas 1	5.54E-03		101	NO
LACitgoLakeCharles	EQT237	Particulate Matter (PM) filterable	Gas 1	5.67E-03		102	NO
WAGraysHarborPaper	No. 9 Boiler (EU3)	Particulate Matter (PM) filterable	Gas 1	5.81E-03		103	NO
NJSunocoWestville	PH-4A CRU	Particulate Matter (PM) filterable	Gas 1	5.96E-03		104	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NJSunocoW estville	PH-3 CRU	Particulate Matter (PM) filterable	Gas 1	5.98E-03		105	NO
NJSunocoW estville	PH-4B CRU	Particulate Matter (PM) filterable	Gas 1	5.98E-03		106	NO
TXDiamondS hamrockThre eRivers	100-H2	Particulate Matter (PM) filterable	Gas 1	6.00E-03		107	NO
KYDomtarHa wesville	No. 2 Backup Boiler C-50	Particulate Matter (PM) filterable	Gas 1	7.03E-03		108	NO
TXValeroPor tArthur	942 F1000	Particulate Matter (PM) filterable	Gas 1	7.72E-03		109	NO
TXValeroPor tArthur	942 F1300	Particulate Matter (PM) filterable	Gas 1	7.72E-03		110	NO
TXValeroPor tArthur	942 F2000	Particulate Matter (PM) filterable	Gas 1	7.72E-03		111	NO
MSChevronP ascagoula	F-2440	Particulate Matter (PM) filterable	Gas 1	8.09E-03		112	NO
MSChevronP ascagoula	F-2450	Particulate Matter (PM) filterable	Gas 1	8.09E-03		113	NO
MSChevronP ascagoula	F-2460	Particulate Matter (PM) filterable	Gas 1	8.09E-03		114	NO
MSChevronP ascagoula	F-2470	Particulate Matter (PM) filterable	Gas 1	8.09E-03		115	NO
MSChevronP ascagoula	F-2480	Particulate Matter (PM) filterable	Gas 1	8.09E-03		116	NO
MSChevronP ascagoula	F-2490	Particulate Matter (PM) filterable	Gas 1	8.09E-03		117	NO
MSChevronP ascagoula	F-6250	Particulate Matter (PM) filterable	Gas 1	8.38E-03		118	NO
TXDiamondS hamrockThre eRivers	H-1102	Particulate Matter (PM) filterable	Gas 1	8.43E-03		119	NO
MNSStPaulPa rkRef	EU 005	Particulate Matter (PM) filterable	Gas 1	8.90E-03		120	NO
TXDiamondS hamrockThre eRivers	H-1402	Particulate Matter (PM) filterable	Gas 1	9.00E-03		121	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MDUofMaryland	EU 001-2	Particulate Matter (PM) filterable	Gas 1	9.35E-03		122	NO
PASunocoMarcusHook	040 (10-4 Feed Heater)	Particulate Matter (PM) filterable	Gas 1	9.77E-03		123	NO
MNStPaulParkRef	EU 001	Particulate Matter (PM) filterable	Gas 1	1.00E-02		124	NO
MNStPaulParkRef	EU 011	Particulate Matter (PM) filterable	Gas 1	1.00E-02		125	NO
MNStPaulParkRef	EU 013	Particulate Matter (PM) filterable	Gas 1	1.00E-02		126	NO
MNStPaulParkRef	EU 023	Particulate Matter (PM) filterable	Gas 1	1.00E-02		127	NO
MNStPaulParkRef	EU 024	Particulate Matter (PM) filterable	Gas 1	1.00E-02		128	NO
TXDiamondShamrockThreerivers	100-H1	Particulate Matter (PM) filterable	Gas 1	1.03E-02		129	NO
DEPremcorpGroupValero	Boiler 3	Particulate Matter (PM) filterable	Gas 1	1.10E-02		130	NO
GAADMLocation551	640- Cleaver Brooks	Particulate Matter (PM) filterable	Gas 1	1.18E-02		131	NO
MNStPaulParkRef	EU 025	Particulate Matter (PM) filterable	Gas 1	1.20E-02		132	NO
MNStPaulParkRef	EU 006	Particulate Matter (PM) filterable	Gas 1	1.33E-02		133	NO
DEPremcorpGroupValero	Boiler 2	Particulate Matter (PM) filterable	Gas 1	1.40E-02		134	NO
IAAlcoaDaveport	CFRN21	Particulate Matter (PM) filterable	Gas 1	1.55E-02		135	NO
MNStPaulParkRef	EU 010	Particulate Matter (PM) filterable	Gas 1	1.67E-02		136	NO
MNStPaulParkRef	EU 027	Particulate Matter (PM) filterable	Gas 1	2.33E-02		137	NO
MNStPaulParkRef	EU 014	Particulate Matter (PM) filterable	Gas 1	3.67E-02		138	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
DEPremcorp roupValero	Boiler 4	Particulate Matter (PM) filterable	Gas 1	4.80E-02		139	NO
TXEastmanC hemLongvie w	UD030B11	Particulate Matter (PM) filterable	Gas 1	7.19E-02		140	NO
TXMeadWes tvacoEvadal e	21-2069	Particulate Matter (PM) filterable	Gas 1	7.80E-02		141	NO
MNStPaulPa rkRef	EU 002	Particulate Matter (PM) filterable	Gas 1	8.00E-02		142	NO
MNStPaulPa rkRef	EU 015	Particulate Matter (PM) filterable	Gas 1	8.00E-02		143	NO
MTExxonMo bilBillings	KCOB	Particulate Matter (PM) filterable	Gas 1	2.53E-01		144	NO
INArcelorMitt alBurnsHarb or	Hot Dip Coating Line Annealing Furnace	Particulate Matter (PM) filterable	Gas 1	4.78E-06 y		1	YES
INNucorSteel	Cold Mill Annealing	Particulate Matter (PM) filterable	Gas 1	1.04E-03 y		2	YES
CORockyMtn Steel212	Rod/Bar Mill Furnace 95OPPB088	Particulate Matter (PM) filterable	Gas 1	1.38E-03 y		3	NO
UTWestingh ouse	202	Particulate Matter (PM) filterable	Gas 1	2.59E-03 y		4	NO
ILUSSGranit eCity	No. 8 Galvanizing Line Furnace	Particulate Matter (PM) filterable	Gas 1	3.28E-03 y		5	NO
INOutokump uStainlessPl ate	Heppenstall Annealing Furnace	Particulate Matter (PM) filterable	Gas 1	3.33E-03 y		6	NO
IAAlcoaDave nport	TFRN16	Particulate Matter (PM) filterable	Gas 1	1.15E-02 y		7	NO
INAlcoaWarri ck	Annealing Furnace #15	Particulate Matter (PM) filterable	Gas 1	2.93E-02 y		8	NO
INAlcoaWarri ck	Pre-Heat Furnace #36	Particulate Matter (PM) filterable	Gas 1	2.93E-02 y		9	NO
LAShellChe micaGeismar	Furnace F- S801	Particulate Matter (PM) filterable	Gas 2	4.20E-04		1	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
WIGPGreen Bay2818	B29 - Fluidized Bed Boiler #9	Particulate Matter (PM) filterable	Gas 2	7.90E-04		2	YES
SCBMWMan ufacturingCo	HB03	Particulate Matter (PM) filterable	Gas 2	1.38E-03		3	NO
INTateLyleS agamore	21B501	Particulate Matter (PM) filterable	Gas 2	1.43E-03		4	NO
MDSeverstal Sparrows	1BLR (No. 1 Boiler)	Particulate Matter (PM) filterable	Gas 2	4.47E-03		5	NO
WVMountain StateCarbon Follansbee	S1	Particulate Matter (PM) filterable	Gas 2	6.10E-03		6	NO
KYAKSteel- WestWorks	No. 13 Boiler	Particulate Matter (PM) filterable	Gas 2	8.67E-03		7	NO
INArcelorMitt alBurnsHarb or	No. 7 Boiler	Particulate Matter (PM) filterable	Gas 2	8.87E-03		8	NO
GAGPSRMR iincon	EU BO02	Particulate Matter (PM) filterable	Gas 2	1.09E-02		9	NO
KYAKSteel- WestWorks	No. 7 Boiler	Particulate Matter (PM) filterable	Gas 2	1.67E-02		10	NO
PAUSSClairt on	B002 Boiler No. 2	Particulate Matter (PM) filterable	Gas 2	1.72E-02		11	NO
KYAKSteel- WestWorks	No. 6 Boiler	Particulate Matter (PM) filterable	Gas 2	2.13E-02		12	NO
KYAKSteel- WestWorks	No. 5 Boiler	Particulate Matter (PM) filterable	Gas 2	2.60E-02		13	NO
PAUSSMon ValleyIrvin	Terne Line Lead Pot	Particulate Matter (PM) filterable	Gas 2	3.06E-01 y			
TNMilanArm yAmmunition Plant	D88L-1, Source #27- 0010-86	Particulate Matter (PM) filterable	Liquid	5.11E-04		1	YES
SCGPChem Russellville	FO Boiler	Particulate Matter (PM) filterable	Liquid	6.00E-04		2	YES
NJSunocoW estville	Boiler #8	Particulate Matter (PM) filterable	Liquid	6.78E-04		3	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
PAConemaughPowerPlantNewFlorence	Aux Boiler B	Particulate Matter (PM) filterable	Liquid	8.73E-04		4	YES
NJSunocoWestville	Boiler #6	Particulate Matter (PM) filterable	Liquid	1.02E-03		5	YES
WIGPGreenBay2818	B10 - Wastepaper Sludge-Fired Boiler 10	Particulate Matter (PM) filterable	Liquid	1.23E-03		6	YES
PACHerokeePharm	SG-C, Title V Source ID 037	Particulate Matter (PM) filterable	Liquid	1.60E-03		7	YES
NJSunocoWestville	Boiler #7	Particulate Matter (PM) filterable	Liquid	1.72E-03		8	YES
PACHerokeePharm	SG-B, Title V Source ID 036	Particulate Matter (PM) filterable	Liquid	1.80E-03		9	YES
NJSunocoWestville	Boiler #5	Particulate Matter (PM) filterable	Liquid	1.82E-03		10	YES
SCMilliken-Dewey	D30	Particulate Matter (PM) filterable	Liquid	2.17E-03		11	YES
ALBP-Decatur24	AB-8301	Particulate Matter (PM) filterable	Liquid	2.30E-03		12	NO
MANewarkAmerica	Boiler #2	Particulate Matter (PM) filterable	Liquid	2.50E-03		13	NO
SCCogenSouth	B002 - Auxiliary Boiler #1	Particulate Matter (PM) filterable	Liquid	3.05E-03		14	NO
SCCogenSouth	B003 - Auxiliary Boiler #2	Particulate Matter (PM) filterable	Liquid	3.05E-03		15	NO
SCCogenSouth	B004 - Auxiliary Boiler #3	Particulate Matter (PM) filterable	Liquid	3.05E-03		16	NO
SCMitsubishiPolyesterFilm	Dowtherm Heater 4 (4FPDDOW HSA)	Particulate Matter (PM) filterable	Liquid	3.32E-03		17	NO
MICConsumerEnergyCo-Campbell	EUAXBLR12	Particulate Matter (PM) filterable	Liquid	3.37E-03		18	NO
MNMinnesotaSoybeanProcessors	Boiler 1 EU026	Particulate Matter (PM) filterable	Liquid	3.77E-03		19	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MNMinnesotaSoybeanProcessors	Boiler 2 EU027	Particulate Matter (PM) filterable	Liquid	3.77E-03		20	NO
WIWisconsinPaperboard2879	B24	Particulate Matter (PM) filterable	Liquid	4.10E-03		21	NO
VAAltavistaPowerStation	Unit No. 003	Particulate Matter (PM) filterable	Liquid	4.92E-03		22	NO
GAGPCelluloseBrunswick	U707 -- No. 7 Power Boiler	Particulate Matter (PM) filterable	Liquid	5.23E-03		23	NO
OHSolaeBellvue	B010A	Particulate Matter (PM) filterable	Liquid	5.43E-03		24	NO
SCDAKAmericas	P8E	Particulate Matter (PM) filterable	Liquid	6.51E-03		25	NO
PAConemaughPowerPlantNewFlorence	Aux Boiler A	Particulate Matter (PM) filterable	Liquid	7.47E-03		26	NO
GAGPCelluloseBrunswick	U706 -- No. 6 Power Boiler	Particulate Matter (PM) filterable	Liquid	8.27E-03		27	NO
SCDAKAmericas	P8D	Particulate Matter (PM) filterable	Liquid	9.04E-03		28	NO
TNInvista Chattanooga	EU003 - Vaporizer #2	Particulate Matter (PM) filterable	Liquid	9.40E-03		29	NO
WYSinclairCasper	Pt. 9 B-1 #4 Crude Heater	Particulate Matter (PM) filterable	Liquid	1.03E-02		30	NO
SCDAKAmericas	P8C	Particulate Matter (PM) filterable	Liquid	1.03E-02		31	NO
MNGPDuluth	EU33 Boiler #3	Particulate Matter (PM) filterable	Liquid	1.10E-02		32	NO
ALGPBrewtonMill	BR-PSG0- S018 No. 1 Power Boiler	Particulate Matter (PM) filterable	Liquid	1.23E-02		33	NO
INUSSteelGaryWorks	O4B10459	Particulate Matter (PM) filterable	Liquid	1.52E-02		34	NO
NCDomtar	66-25-2050 (No. 1 Package Boiler)	Particulate Matter (PM) filterable	Liquid	1.61E-02		35	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
NYConEd59t hStStationNe wYork	Boiler 118	Particulate Matter (PM) filterable	Liquid	1.75E-02		36	NO
PABoeingRid leyPark	033	Particulate Matter (PM) filterable	Liquid	1.83E-02		37	NO
FLOkeelanta 268	Boiler No. 16	Particulate Matter (PM) filterable	Liquid	1.83E-02		38	NO
MAUMass	EU#7	Particulate Matter (PM) filterable	Liquid	1.88E-02		39	NO
MENewPage- Rumford	PB#3	Particulate Matter (PM) filterable	Liquid	2.00E-02		40	NO
MNStPaulPa rkRef	EU 021	Particulate Matter (PM) filterable	Liquid	2.33E-02		41	NO
NJVinelandM uniElectric- HowardDow n	Unit 9	Particulate Matter (PM) filterable	Liquid	2.41E-02		42	NO
MDUofMaryl and	EU 001-4	Particulate Matter (PM) filterable	Liquid	2.98E-02		43	NO
MENewPage- Rumford	PB#5	Particulate Matter (PM) filterable	Liquid	3.00E-02		44	NO
MNStPaulPa rkRef	EU 020	Particulate Matter (PM) filterable	Liquid	3.00E-02		45	NO
WANipponP aper	#10 Package Boiler	Particulate Matter (PM) filterable	Liquid	3.06E-02		46	NO
MDMirantCh alkPoint	Unit 4	Particulate Matter (PM) filterable	Liquid	3.43E-02		47	NO
ILCognisCor p	Boiler #1	Particulate Matter (PM) filterable	Liquid	3.54E-02		48	NO
HIPuuneneS ugarMill	Boiler 3	Particulate Matter (PM) filterable	Liquid	3.61E-02		49	NO
MNStPaulPa rkRef	EU 018	Particulate Matter (PM) filterable	Liquid	3.67E-02		50	NO
NCWeyerha euser- Vanceboro	ES 161-001	Particulate Matter (PM) filterable	Liquid	3.70E-02		51	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
ORCascade PacificPulp	PB1EU	Particulate Matter (PM) filterable	Liquid	4.03E-02		52	NO
WANipponP aper	#9 Package Boiler	Particulate Matter (PM) filterable	Liquid	4.11E-02		53	NO
OHCampbell sSoupCo	B003	Particulate Matter (PM) filterable	Liquid	4.30E-02		54	NO
ORGeorgiaP acificWauna Mill	EU33 - Power Boiler	Particulate Matter (PM) filterable	Liquid	4.41E-02		55	NO
OHCampbell sSoupCo	B004	Particulate Matter (PM) filterable	Liquid	4.90E-02		56	NO
MAGEAviatio nLynn	99-2	Particulate Matter (PM) filterable	Liquid	5.50E-02		57	NO
MAGEAviatio nLynn	99-1	Particulate Matter (PM) filterable	Liquid	5.67E-02		58	NO
NYDMVInter national	BOIL1	Particulate Matter (PM) filterable	Liquid	5.67E-02		59	NO
NYDMVInter national	BOIL2	Particulate Matter (PM) filterable	Liquid	5.67E-02		60	NO
SCDAKAmer icas	P8F	Particulate Matter (PM) filterable	Liquid	5.67E-02		61	NO
MAGEAviatio nLynn	99-5	Particulate Matter (PM) filterable	Liquid	5.80E-02		62	NO
ORWahCha ng	6633-78 (SEP-AS- 502B, Boiler #2)	Particulate Matter (PM) filterable	Liquid	6.49E-02		63	NO
MAGEAviatio nLynn	99-3	Particulate Matter (PM) filterable	Liquid	6.70E-02		64	NO
MEFPLEner gyWyman	Unit #5	Particulate Matter (PM) filterable	Liquid	6.97E-02		65	NO
VASmurfitSt oneWestpt	PB08	Particulate Matter (PM) filterable	Liquid	7.21E-02		66	NO
MEPioneerPl astics	Boiler #6	Particulate Matter (PM) filterable	Liquid	7.33E-02		67	NO
MEVersoPap erAndrosco gin	Power Boiler No. 1	Particulate Matter (PM) filterable	Liquid	7.97E-02		68	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID_common	Pollutant_Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
MEVersoPaperAndroscogin	Power Boiler No. 2	Particulate Matter (PM) filterable	Liquid	7.97E-02		69	NO
MNStPaulParkRef	EU 003	Particulate Matter (PM) filterable	Liquid	8.00E-02		70	NO
MNStPaulParkRef	EU 016	Particulate Matter (PM) filterable	Liquid	8.00E-02		71	NO
OHGEAviationEvendale	EA-019-D	Particulate Matter (PM) filterable	Liquid	8.00E-02		72	NO
ORBoisePaperStHelens	No. 6 Power Boiler	Particulate Matter (PM) filterable	Liquid	8.80E-02		73	NO
ORBoisePaperStHelens	No. 7 Power Boiler	Particulate Matter (PM) filterable	Liquid	8.80E-02		74	NO
ORBoisePaperStHelens	No. 8 Power Boiler	Particulate Matter (PM) filterable	Liquid	8.80E-02		75	NO
ORBoisePaperStHelens	No. 9 Power Boiler	Particulate Matter (PM) filterable	Liquid	8.80E-02		76	NO
OHGEAviationEvendale	EA-019-C	Particulate Matter (PM) filterable	Liquid	9.67E-02		77	NO
ORGPToledo	EU13 - Power Boiler #1	Particulate Matter (PM) filterable	Liquid	1.09E-01		78	NO
MNStPaulParkRef	EU 009	Particulate Matter (PM) filterable	Liquid	1.10E-01		79	NO
CTElectricBoat	EMU 17	Particulate Matter (PM) filterable	Liquid	1.27E-01		80	NO
MDUofMaryland	EU 001-2	Particulate Matter (PM) filterable	Liquid	1.29E-01		81	NO
OHGEAviationEvendale	EA-019-B	Particulate Matter (PM) filterable	Liquid	1.33E-01		82	NO
NCWeyerhaeuser-Vanceboro	ES 150-001	Particulate Matter (PM) filterable	Liquid	1.41E-01		83	NO
TNKimberlyClark2397	WB	Particulate Matter (PM) filterable	Liquid	1.53E-01		84	NO
WYSinclairWYoming	Pt 40 #8 HPB	Particulate Matter (PM) filterable	Liquid	1.55E-01		85	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 3 - PM-filter Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	MACT Floor FuelCat	lb/mmBtu	Metal Furnace?	Rank	In top 12 pct?
WYSinclairW yoming	Pt 41 #9 HPB	Particulate Matter (PM) filterable	Liquid	1.69E-01		86	NO
NCKapStone	PKG2	Particulate Matter (PM) filterable	Liquid	1.70E-01		87	NO
SCBowaterC oatedPaper	Power Boiler	Particulate Matter (PM) filterable	Liquid	1.83E-01		88	NO
MEPioneerPI astics	Boiler #4	Particulate Matter (PM) filterable	Liquid	2.00E-01		89	NO
NCInvistaHw y421	B7600	Particulate Matter (PM) filterable	Liquid	2.27E-01		90	NO
VANewportN ewsShipbuild ingDryDock	78-E1	Particulate Matter (PM) filterable	Liquid	4.50E-01		91	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXValeroTexasCity	Heater 35	CO	1.00E-01	Gas 1		38	YES
TXValeroTexasCity	Heater 44	CO	1.00E-01	Gas 1		39	YES
LAWestlakeStyrene	1-90	CO	1.01E-01	Gas 1		40	YES
OREvrazOregonSteel	EU-5 Vacuum Degasser Boiler	CO	1.02E-01	Gas 1		41	YES
LALakeCharlesChemical	LAB-LH-1 (Pacol Charge Heater)	CO	1.02E-01	Gas 1		42	YES
TXValeroTexasCity	Heater 45	CO	1.08E-01	Gas 1		43	YES
MSChevronPascagoula	F-8400	CO	1.10E-01	Gas 1		44	YES
TXValeroTexasCity	Heater 46	CO	1.10E-01	Gas 1		45	YES
KYCatlettsburgRefining	2-30-B-1	CO	1.16E-01	Gas 1		46	YES
LAShellChemicaGeismar	Furnace F- S2801	CO	1.18E-01	Gas 1		47	YES
KYCatlettsburgRefining	2-23-B-3	CO	1.18E-01	Gas 1		48	YES
TXRohmHaa sDeerPark	N-13	CO	1.20E-01	Gas 1		49	YES
TXWesternR efining	F-4150	CO	1.22E-01	Gas 1		50	YES
TXWesternR efining	F-4160	CO	1.22E-01	Gas 1		51	YES
TXValeroTexasCity	Heater 57	CO	1.27E-01	Gas 1		52	YES
MSChevronPascagoula	F-2440	CO	1.28E-01	Gas 1		53	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
MSChevronP ascagoula	F-2450	CO	1.28E-01	Gas 1		54	YES
MSChevronP ascagoula	F-2460	CO	1.28E-01	Gas 1		55	YES
MSChevronP ascagoula	F-2470	CO	1.28E-01	Gas 1		56	YES
MSChevronP ascagoula	F-2480	CO	1.28E-01	Gas 1		57	YES
MSChevronP ascagoula	F-2490	CO	1.28E-01	Gas 1		58	YES
WAConocoP hillipsFerndal e	38F-101	CO	1.29E-01	Gas 1		59	YES
TXValeroTex asCity	Heater 58	CO	1.29E-01	Gas 1		60	YES
TXRohmHaa sDeerPark	ACET-2B-1	CO	1.30E-01	Gas 1		61	YES
TXValeroTex asCity	Heater 18	CO	1.33E-01	Gas 1		62	YES
TXValeroTex asCity	Heater 19	CO	1.33E-01	Gas 1		63	YES
TXValeroTex asCity	Heater 20	CO	1.33E-01	Gas 1		64	YES
TXValeroTex asCity	Heater 21	CO	1.33E-01	Gas 1		65	YES
TXValeroTex asCity	Heater 22	CO	1.33E-01	Gas 1		66	YES
TXValeroTex asCity	Heater 23	CO	1.33E-01	Gas 1		67	YES
TXWesternR efining	H-8801	CO	1.33E-01	Gas 1		68	YES
TXWesternR efining	H-8802	CO	1.33E-01	Gas 1		69	YES
IAADMClinto n	EUCOG-5 #2 Gas Fired Boiler	CO	1.35E-01	Gas 1		70	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXDeerPark Refinery	H31003	CO	1.35E-01	Gas 1		71	YES
TXDeerPark Refinery	H5104	CO	1.35E-01	Gas 1		72	YES
TXLyondellP asadena	B-1751	CO	1.35E-01	Gas 1		73	YES
TXLyondellP asadena	B-2890	CO	1.35E-01	Gas 1		74	YES
TXLyondellP asadena	B-801	CO	1.35E-01	Gas 1		75	YES
TXWesternR efining	F-1602	CO	1.35E-01	Gas 1		76	YES
TXRohmHaa sDeerPark	HT-49	CO	1.40E-01	Gas 1		77	YES
TXRohmHaa sDeerPark	N-12	CO	1.40E-01	Gas 1		78	YES
LAShellChe micaGeismar	Furnace F- S801	CO	1.40E-01	Gas 1		79	YES
DEDuPontEd gemoor	RX-9	CO	1.40E-01	Gas 1		80	YES
PANorfolkSo uthern	Boiler 1	CO	1.50E-01	Gas 1		81	YES
TXWesternR efining	109	CO	1.57E-01	Gas 1		82	YES
TXRohmHaa sDeerPark	ACET-2A-1	CO	1.67E-01	Gas 1		83	YES
TXValeroCor pusChristi	154-H-1	CO	1.67E-01	Gas 1		84	YES
MSChevronP ascougoula	F-6410	CO	1.68E-01	Gas 1		85	YES
KYCatlettsbu rgRefining	2-36-B-1	CO	1.69E-01	Gas 1		86	YES

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
OKConocoPhillipsPonca City	H-0048	CO	1.70E-01	Gas 1		87	YES
MTMontana Refining	H-1801 Hydrogen Plant Heater	CO	1.71E-01	Gas 1		88	YES
TXRohmHassDeerPark	ACET-2A-3	CO	1.77E-01	Gas 1		89	YES
MSChevronPascagoula	F-8300B	CO	1.84E-01	Gas 1		90	YES
VAUniversity of Virginia	7103-1-01R	CO	1.95E-01	Gas 1		91	YES
WAUSOiland RefiningTacoma	H-3	CO	2.00E-01	Gas 1		92	NO
TXEquestarchannelview	F4360	CO	2.03E-01	Gas 1		93	NO
TXValeroCorpusChristi	169-B-5	CO	2.07E-01	Gas 1		94	NO
ORGeorgiaPacificWauna Mill	EU33 - Power Boiler	CO	2.09E-01	Gas 1		95	NO
OKTerraInternationalWoodward	Primary Reformer H-2030	CO	2.19E-01	Gas 1		96	NO
LACitgoLake Charles	EQT032	CO	2.23E-01	Gas 1		97	NO
TXWesternRefining	F-4170	CO	2.26E-01	Gas 1		98	NO
TXWesternRefining	F-4180	CO	2.26E-01	Gas 1		99	NO
TXRohmHassDeerPark	ACET-2B-5	CO	2.30E-01	Gas 1		100	NO
TXDeerPark Refinery	H5301	CO	2.40E-01	Gas 1		101	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXDeerPark Refinery	H5302	CO	2.40E-01	Gas 1		102	NO
TXDeerPark Refinery	H5303	CO	2.40E-01	Gas 1		103	NO
TXDeerPark Refinery	H5304	CO	2.40E-01	Gas 1		104	NO
TXDeerPark Refinery	H5305	CO	2.40E-01	Gas 1		105	NO
TXDeerPark Refinery	H5350	CO	2.40E-01	Gas 1		106	NO
OKConocoP hillipsPonca City	H-8602	CO	2.43E-01	Gas 1		107	NO
TXRohmHaa sDeerPark	ACET-2A-4	CO	2.60E-01	Gas 1		108	NO
NJSunocoW estville	Boiler #5	CO	2.62E-01	Gas 1		109	NO
PASunocoP hiladelphia	CU-138	CO	2.64E-01	Gas 1		110	NO
TXDiamondS hamrockMcK ee	B-3 (Boiler #10)	CO	2.64E-01	Gas 1		111	NO
MSChevronP ascagoula	F-6250	CO	2.66E-01	Gas 1		112	NO
MAUMass	EU#7	CO	2.71E-01	Gas 1		113	NO
ORCascade PacificPulp	PB2EU	CO	2.71E-01	Gas 1		114	NO
KYCatlettsbu rgRefining	2-103-B-3	CO	2.71E-01	Gas 1		115	NO
WVQuadGra phisMartinsb urg	B-03	CO	2.71E-01	Gas 1		116	NO
TXWesternR efining	B-1	CO	2.72E-01	Gas 1		117	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXWesternRefining	B-3	CO	2.84E-01	Gas 1		118	NO
LAWestlakeStyrene	2-90	CO	2.88E-01	Gas 1		119	NO
TXL-3CommunicationsIntergrated	A0769	CO	3.00E-01	Gas 1		120	NO
KYCatlettsburgRefining	2-103-B-2	CO	3.02E-01	Gas 1		121	NO
LAShellChemicaGeismar	Boiler F-U202	CO	3.10E-01	Gas 1		122	NO
TXEquistarChemicals	QE5802UB	CO	3.40E-01	Gas 1		123	NO
TXRohmHaaDeerPark	ACET-2B-3	CO	3.47E-01	Gas 1		124	NO
TXDiamondShamrockMcKee	H-9 (#2 Crude Charge - Petrochem)	CO	3.47E-01	Gas 1		125	NO
WYSinclairCasper	Pt. 26 #2 Reformer Heater	CO	3.50E-01	Gas 1		126	NO
MSChevronPascagoula	F-8130	CO	3.64E-01	Gas 1		127	NO
TXValeroTexasCity	Heater 13-1421	CO	3.67E-01	Gas 1		128	NO
TXWesternRefining	F-3902	CO	3.73E-01	Gas 1		129	NO
MTCHSLauriel1401	H-902	CO	3.77E-01	Gas 1		130	NO
TXValeroCorpusChristi	148-H-1	CO	4.00E-01	Gas 1		131	NO
TXValeroCorpusChristi	148-H-2	CO	4.00E-01	Gas 1		132	NO
ILRentech	S-7	CO	4.06E-01	Gas 1		133	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXDiamondS hamrockMcK ee	H-36 (#2 NAP Hydrotreater Charge)	CO	4.29E-01	Gas 1		134	NO
NJSunocoW estville	Boiler #7	CO	4.38E-01	Gas 1		135	NO
MSChevronP ascagoula	F-6531	CO	4.46E-01	Gas 1		136	NO
LAAmericas Styrenics	HS-1102	CO	4.57E-01	Gas 1		137	NO
FLSolutiaInc Pensacola	B-7	CO	4.73E-01	Gas 1		138	NO
TNValeroMe mphis	P044-DHT 18 Stripper Reboiler Heater	CO	4.74E-01	Gas 1		139	NO
OKConocoP hillipsPonca City	H-9901	CO	4.90E-01	Gas 1		140	NO
OHUSEnrich mentCorpPik eton	X-6002 Boiler No. 1 (North)	CO	4.96E-01	Gas 1		141	NO
OKQuadGra phicsOKCity	SG03	CO	4.96E-01	Gas 1		142	NO
CATesoro	S-922 Furnace 22	CO	5.00E-01	Gas 1		143	NO
TXInvistaVict oria	16STK001	CO	5.15E-01	Gas 1		144	NO
TXWesternR efining	F-1010	CO	5.19E-01	Gas 1		145	NO
TXRohmHaa sDeerPark	N-14	CO	5.23E-01	Gas 1		146	NO
TXValeroTex asCity	Heater 13- 1401	CO	5.33E-01	Gas 1		147	NO
OKSinclairTu lsaRefining	NHDS Charge Heater	CO	5.41E-01	Gas 1		148	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
LACalumet	VII-L Hydrogen plant heater 2006 R-101- A	CO	5.41E-01	Gas 1		149	NO
NJMerckRah way	E750009 - Boiler #9	CO	5.41E-01	Gas 1		150	NO
TXOccidenta lChemGrego ry	VCM Plant 2 Furnace 1	CO	5.50E-01	Gas 1		151	NO
TXOccidenta lChemGrego ry	VCM Plant 2 Furnace 2	CO	5.50E-01	Gas 1		152	NO
CATesoro	S-974 Furance 55	CO	5.56E-01	Gas 1		153	NO
MSChevronP ascagoula	F-2410	CO	5.56E-01	Gas 1		154	NO
TXValeroCor pusChristi	116-H-125B	CO	5.67E-01	Gas 1		155	NO
TXValeroCor pusChristi	116-H-125C	CO	5.67E-01	Gas 1		156	NO
TXValeroCor pusChristi	116-H-125A	CO	5.67E-01	Gas 1		157	NO
KYCatlettsbu rgRefining	2-104-B-1	CO	5.83E-01	Gas 1		158	NO
MSChevronP ascagoula	F-2930	CO	5.86E-01	Gas 1		159	NO
ILJohnDeere Harvester	B10	CO	5.86E-01	Gas 1		160	NO
CATesoro	S-908 Furnace 8 / S-1470 Furnace 71	CO	6.00E-01	Gas 1		161	NO
CATesoro	S-937 Furnace 37	CO	6.00E-01	Gas 1		162	NO
KSSpiritAero	3-224R- BLR4	CO	6.00E-01	Gas 1		163	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
MTCHSLaur el1401	NHT Charge Heater	CO	6.00E-01	Gas 1		164	NO
PADominion Harrison	Heater 1	CO	6.00E-01	Gas 1		165	NO
NCCampLej euneMCB	C-AS-4151- 16	CO	6.01E-01	Gas 1		166	NO
ILWoodRiver Refinery	HTR-ULD- H4	CO	6.17E-01	Gas 1		167	NO
MABostonGe neratingMysti cStation	EU-17	CO	6.63E-01	Gas 1		168	NO
TXValeroTex asCity	Heater 50	CO	6.67E-01	Gas 1		169	NO
TXValeroCor pusChristi	139-H-7	CO	6.95E-01	Gas 1		170	NO
PASunocoP hiladelphia	CU-137	CO	6.95E-01	Gas 1		171	NO
CATesoro	S-927 Furnace 27	CO	7.00E-01	Gas 1		172	NO
CAMillerCoor slrwindale	D2 Keeler	CO	7.00E-01	Gas 1		173	NO
WYShuteCre ek2926	1H-9201	CO	7.22E-01	Gas 1		174	NO
MSGAGulfA berdeen	Boiler 4	CO	7.33E-01	Gas 1		175	NO
WVMountain StateCarbon Follansbee	S1	CO	7.33E-01	Gas 1		176	NO
MSChevronP ascagoula	F-6102	CO	7.62E-01	Gas 1		177	NO
MSChevronP ascagoula	F-6101	CO	7.62E-01	Gas 1		178	NO
WATransAlta Centralia	EU 12 BHP Auxiliary Boiler	CO	7.63E-01	Gas 1		179	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TNValeroMemphis	P003 - West Crude Unit Heater	CO	7.67E-01	Gas 1		180	NO
TXOxyVinyls Pasadena	F6 Boiler	CO	7.67E-01	Gas 1		181	NO
KSCoffeyville Refinery	IA-06- FH0035	CO	7.67E-01	Gas 1		182	NO
OKConocoPhillips Ponca City	H-1001	CO	7.90E-01	Gas 1		183	NO
MSChevronP ascagoula	F-6550	CO	8.20E-01	Gas 1		184	NO
MSChevronP ascagoula	F-6560	CO	8.20E-01	Gas 1		185	NO
MSChevronP ascagoula	F-6570	CO	8.20E-01	Gas 1		186	NO
MSChevronP ascagoula	F-6580	CO	8.20E-01	Gas 1		187	NO
UTHollyRefining	19H1	CO	8.53E-01	Gas 1		188	NO
MSChevronP ascagoula	F-1101	CO	8.85E-01	Gas 1		189	NO
MSChevronP ascagoula	F-1102	CO	8.85E-01	Gas 1		190	NO
KYCatlettsburg Refining	2-103-B-1	CO	9.01E-01	Gas 1		191	NO
TXDiamondShamrock Thre Rivers	H-28002	CO	9.02E-01	Gas 1		192	NO
WYSinclairW yoming	Pt 60 #4HDS Heater HT- 101	CO	9.02E-01	Gas 1		193	NO
NJMerckRahway	E750005 - Boiler #5	CO	9.02E-01	Gas 1		194	NO
ILMarathon	16F-3A	CO	9.47E-01	Gas 1		195	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
ILMarathon	16F-3B	CO	9.47E-01	Gas 1		196	NO
ILMarathon	16F-3C	CO	9.47E-01	Gas 1		197	NO
ILMarathon	16F-3D	CO	9.47E-01	Gas 1		198	NO
WVWeyerhaeuserBuckhannon	001-02	CO	9.67E-01	Gas 1		199	NO
CAAerojet	Small Boilers	CO	1.00E+00	Gas 1		200	NO
CATesoro	S-909 Furnace 9	CO	1.00E+00	Gas 1		201	NO
CATesoro	S-912 Furnace 12	CO	1.00E+00	Gas 1		202	NO
CATesoro	S-913 Furnace 13	CO	1.00E+00	Gas 1		203	NO
CATesoro	S-916 Furnace 16	CO	1.00E+00	Gas 1		204	NO
CATesoro	S-928 Furnace 28	CO	1.00E+00	Gas 1		205	NO
CATesoro	S-929 Furnace 29	CO	1.00E+00	Gas 1		206	NO
CATesoro	S-930 Furnace 30	CO	1.00E+00	Gas 1		207	NO
CATesoro	S-932 Furnace 32	CO	1.00E+00	Gas 1		208	NO
CATesoro	S-933 Furnace 33	CO	1.00E+00	Gas 1		209	NO
CATesoro	S-934 Furnace 34	CO	1.00E+00	Gas 1		210	NO
TXLyondellC hannelview	F66850	CO	1.00E+00	Gas 1		211	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXLyondellC hannelview	F67830	CO	1.00E+00	Gas 1		212	NO
KYCatlettsbu rgRefining	2-26-B-2	CO	1.01E+00	Gas 1		213	NO
DEDuPontEd gemoor	OX-5	CO	1.03E+00	Gas 1		214	NO
MTCHSLaur el1401	H-201 Reactor Charge Heater	CO	1.03E+00	Gas 1		215	NO
ILMarathon	69F-1A	CO	1.04E+00	Gas 1		216	NO
TXValeroCor pusChristi	108-H-3	CO	1.04E+00	Gas 1		217	NO
MNBoisePap er1212	EU 440 Boiler #3	CO	1.05E+00	Gas 1		218	NO
ILMarathon	74F-1	CO	1.07E+00	Gas 1		219	NO
TXDiamondS hamrockMcK ee	H-48 (Diesel HDS Charge)	CO	1.08E+00	Gas 1		220	NO
TXValeroCor pusChristi	108-H-5	CO	1.08E+00	Gas 1		221	NO
WABoeingR enton	BOIL04	CO	1.08E+00	Gas 1		222	NO
ALBoiseWhit ePaperJacks on	102-0001- X020	CO	1.08E+00	Gas 1		223	NO
CATesoro	S-950 Furnace 50	CO	1.10E+00	Gas 1		224	NO
PADominion Sabinsville	Kewanee Boiler	CO	1.10E+00	Gas 1		225	NO
TXDeerPark Refinery	H5404	CO	1.14E+00	Gas 1		226	NO
TXValeroCor pusChristi	112-H-1	CO	1.15E+00	Gas 1		227	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
CATesoro	S-971 Furnace 53	CO	1.17E+00	Gas 1		228	NO
COSEIncCo mmerceCity	H-1716	CO	1.19E+00	Gas 1		229	NO
OHLimaRefi ningCompan y	B028	CO	1.20E+00	Gas 1		230	NO
OKVRCOkla homa	H-6701	CO	1.21E+00	Gas 1		231	NO
TXDeerPark Refinery	H613	CO	1.22E+00	Gas 1		232	NO
TXDiamondS hamrockMcK ee	H-64 (#4 Hydrotreater Charge)	CO	1.22E+00	Gas 1		233	NO
ILCognisCor p	Boiler #1	CO	1.23E+00	Gas 1		234	NO
MSChevronP ascagoula	F-5337A	CO	1.24E+00	Gas 1		235	NO
KYCatlettsbu rgRefining	2-23-B-6	CO	1.24E+00	Gas 1		236	NO
NJConocoPh illipsBayway	F-500	CO	1.25E+00	Gas 1		237	NO
LAWestlake Styrene	3-90	CO	1.26E+00	Gas 1		238	NO
MTMontana Refining	H-1701 HTU Heater	CO	1.27E+00	Gas 1		239	NO
MSGorgiaP acificMontice llo	AA-404 (UT- 4) Power Boiler	CO	1.27E+00	Gas 1		240	NO
MNVersoPap er	EU015 Wickes	CO	1.29E+00	Gas 1		241	NO
MTCHSLaur el1401	H-101 Reformer Heater	CO	1.29E+00	Gas 1		242	NO
TXL- 3Communica tionsIntergrat ed	E2011	CO	1.30E+00	Gas 1		243	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
KYCatlettsburgRefining	1-2-B-3	CO	1.30E+00	Gas 1		244	NO
FLSolutiaInc Pensacola	H2 Plant	CO	1.35E+00	Gas 1		245	NO
IAADMClinton	EUCOG-4 #1 Gas Fired Boiler	CO	1.35E+00	Gas 1		246	NO
LAValeroRefining	F-15-05	CO	1.35E+00	Gas 1		247	NO
LAValeroRefining	F-53-1A	CO	1.35E+00	Gas 1		248	NO
LAValeroRefining	F-53-1B	CO	1.35E+00	Gas 1		249	NO
LAValeroRefining	F-53-1C	CO	1.35E+00	Gas 1		250	NO
LAValeroRefining	F-53-1D	CO	1.35E+00	Gas 1		251	NO
LAValeroRefining	F-72-703	CO	1.35E+00	Gas 1		252	NO
LAValeroRefining	GDU Heater	CO	1.35E+00	Gas 1		253	NO
LAValeroRefining	H-60-1	CO	1.35E+00	Gas 1		254	NO
LAValeroRefining	H-60-2	CO	1.35E+00	Gas 1		255	NO
LAValeroRefining	H-60-3	CO	1.35E+00	Gas 1		256	NO
LAValeroRefining	H-60-4	CO	1.35E+00	Gas 1		257	NO
LAValeroRefining	KHT Heater F-33-05	CO	1.35E+00	Gas 1		258	NO
LAValeroRefining	NHT Reactor Feed Heater H-39-01	CO	1.35E+00	Gas 1		259	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
LAValeroRefining	NHT Stripper Feed Heater H-39-02	CO	1.35E+00	Gas 1		260	NO
LAValeroRefining	NHT Stripper Reboiler H- 39-03	CO	1.35E+00	Gas 1		261	NO
LAValeroRefining	SMR1 Heater No. 1	CO	1.35E+00	Gas 1		262	NO
LAValeroRefining	SMR1 Heater No. 2	CO	1.35E+00	Gas 1		263	NO
OKTerraNitrogen	#2 Primary Reformer	CO	1.35E+00	Gas 1		264	NO
TXBASFFreepor	Dehydro Heaters-2	CO	1.35E+00	Gas 1		265	NO
TXBASFFreepor	Vaporizers	CO	1.35E+00	Gas 1		266	NO
TXBASFFreepor	W-900A	CO	1.35E+00	Gas 1		267	NO
TXLubrizolBayport	BOIL-2	CO	1.35E+00	Gas 1		268	NO
TXSolutiaInc	51H5	CO	1.35E+00	Gas 1		269	NO
TXTotalPetrochemPortArthur	51DHT1H-3	CO	1.35E+00	Gas 1		270	NO
TXTotalPetrochemPortArthur	52DHT2H-1	CO	1.35E+00	Gas 1		271	NO
WAGraysHarborPaper	No. 9 Boiler (EU3)	CO	1.35E+00	Gas 1		272	NO
WYSinclairWyoming	Pt 10 781 Naphtha Splitter Heater	CO	1.35E+00	Gas 1		273	NO
DEPremcorpGroupValero	21-H-701	CO	1.35E+00	Gas 1		274	NO
VAUniversityofVirginia	7103-1-04R	CO	1.37E+00	Gas 1		275	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
NJHessCorp- PortReading	U19 - H2 Heater	CO	1.40E+00	Gas 1		276	NO
CATesoro	S-904 No. 6 Boiler	CO	1.40E+00	Gas 1		277	NO
OHLimaRefi ningCompan y	B004	CO	1.40E+00	Gas 1		278	NO
NYFarRocka wayPowerSt ation	U-HB002	CO	1.42E+00	Gas 1		279	NO
IAMidAmeric anEnergyBet tendorf390	H1	CO	1.42E+00	Gas 1		280	NO
LALakeCharl esChemical	LAB-LH-3 (Hot Oil Heater)	CO	1.43E+00	Gas 1		281	NO
TXDowChem icalFreeport2 629	B27P3S511	CO	1.43E+00	Gas 1		282	NO
ILMarathon	74F-2	CO	1.44E+00	Gas 1		283	NO
MSChevronP ascagoula	F-8620	CO	1.44E+00	Gas 1		284	NO
TXDowChem icalLaPorte	B2105	CO	1.47E+00	Gas 1		285	NO
NJMerckRah way	E750003 - Boiler #3	CO	1.49E+00	Gas 1		286	NO
OHFordClev elandCasting	Boiler No. 4 (BO23)	CO	1.49E+00	Gas 1		287	NO
CATesoro	S-972 Furnace 54	CO	1.50E+00	Gas 1		288	NO
TXRohmHaa sDeerPark	ACET-2A-5	CO	1.53E+00	Gas 1		289	NO
WATesoroA nacortes	F-104	CO	1.53E+00	Gas 1		290	NO
TXOxyVinyls Pasadena	F7 Boiler	CO	1.56E+00	Gas 1		291	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TNValeroMemphis	P043 - DHT 18 Reactor Feed Heater	CO	1.58E+00	Gas 1		292	NO
WVMountain StateCarbon Follansbee	S5	CO	1.58E+00	Gas 1		293	NO
MTCHSLaur el1401	H-901	CO	1.59E+00	Gas 1		294	NO
TXDowChem icalFreeport2 629	B56P9FB1	CO	1.60E+00	Gas 1		295	NO
TXDowChem icalFreeport2 629	B56P9FB2	CO	1.60E+00	Gas 1		296	NO
TXDowChem icalFreeport2 629	B56P9FB3	CO	1.60E+00	Gas 1		297	NO
TXDowChem icalFreeport2 629	B56P9FB4	CO	1.60E+00	Gas 1		298	NO
TXValeroTex asCity	Boiler 27	CO	1.60E+00	Gas 1		299	NO
OHDukeEner gyGeneratio nCincinnati	B045 (PB2)	CO	1.62E+00	Gas 1		300	NO
NJMerckRah way	E750011 - Boiler #11	CO	1.62E+00	Gas 1		301	NO
OKSinclairTu lsaRefining	Pt. 19 Scanfiner Charge Heater	CO	1.62E+00	Gas 1		302	NO
MTExonMo bilBillings	F-1201	CO	1.63E+00	Gas 1		303	NO
TXRohmHaa sDeerPark	N-3	CO	1.65E+00	Gas 1		304	NO
TXDeerPark Refinery	H31001	CO	1.65E+00	Gas 1		305	NO
TXDeerPark Refinery	H31002	CO	1.65E+00	Gas 1		306	NO
OHLimaRefi ningCompan y	B029	CO	1.67E+00	Gas 1		307	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
WIMurphyOil Refinery	GGU 29-H01	CO	1.67E+00	Gas 1		308	NO
TXDowChem icalFreeport2 629	A36MDH621	CO	1.70E+00	Gas 1		309	NO
VAAUniversity ofVirginia	7103-1-03R	CO	1.70E+00	Gas 1		310	NO
MNMinnesota SoybeanPr ocessors	Boiler 1 EU026	CO	1.73E+00	Gas 1		311	NO
MNMinnesota SoybeanPr ocessors	Boiler 2 EU027	CO	1.73E+00	Gas 1		312	NO
VADuPontSp ruance	Dowtherm Vaporizer No. 3	CO	1.80E+00	Gas 1		313	NO
CAConocoP hillipsSanFra n	S# 336	CO	1.80E+00	Gas 1		314	NO
ILMarathon	3F-1	CO	1.80E+00	Gas 1		315	NO
ILMarathon	3F-2	CO	1.80E+00	Gas 1		316	NO
TXDiamondS hamrockMcK ee	H-46 (#1 Reformer #1 Interheater)	CO	1.80E+00	Gas 1		317	NO
MOMcDonne IDouglasStLo uis	63-3	CO	1.82E+00	Gas 1		318	NO
TNValeroMe mphis	P021 - No. 10 Boiler	CO	1.85E+00	Gas 1		319	NO
MDUofMaryl and	EU 001-8	CO	1.90E+00	Gas 1		320	NO
LACalumet	VII-g DHT 92-H-101 reboiler heater	CO	1.90E+00	Gas 1		321	NO
COSEIncCo mmerceCity	H-1717	CO	1.95E+00	Gas 1		322	NO
CAConocoP hillipsSanFra n	S# 5	CO	1.97E+00	Gas 1		323	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
CAConocoPhillipsSanFran	S# 4	CO	1.99E+00	Gas 1		324	NO
CAConocoPhillipsSanFran	S# 11	CO	2.00E+00	Gas 1		325	NO
TXValeroTexasCity	Heater 34	CO	2.00E+00	Gas 1		326	NO
CAConocoPhillipsSanFran	S# 337	CO	2.05E+00	Gas 1		327	NO
LACitgoLakeCharles	EQT237	CO	2.05E+00	Gas 1		328	NO
OKONEOKMedford	H-4	CO	2.11E+00	Gas 1		329	NO
OKVRCOklahoma	H-404	CO	2.15E+00	Gas 1		330	NO
OKVRCOklahoma	H-405	CO	2.15E+00	Gas 1		331	NO
CAConocoPhillipsSanFran	S# 12	CO	2.17E+00	Gas 1		332	NO
TXBPAmocoTexasCity	MX2-H101	CO	2.17E+00	Gas 1		333	NO
CAConocoPhillipsSanFran	S# 29	CO	2.18E+00	Gas 1		334	NO
TXInternationalPaperQueenCity	PB01	CO	2.20E+00	Gas 1		335	NO
KSCoffeyvilleRefinery	IA-05-FH0036	CO	2.21E+00	Gas 1		336	NO
LAPPGLakeCharles	Power/Utilities- Powerhouse C- Cogeneration Unit #2	CO	2.22E+00	Gas 1		337	NO
OKONEOKMedford	H-3	CO	2.25E+00	Gas 1		338	NO
MNStPaulParkRef	EU 087	CO	2.27E+00	Gas 1		339	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
CAConocoPhillipsSanFran	S# 9	CO	2.27E+00	Gas 1		340	NO
TXTexasPetrochemicals	Boiler No. 9	CO	2.28E+00	Gas 1		341	NO
MSChevronPascagoula	F-5337B	CO	2.30E+00	Gas 1		342	NO
NEAgProcessingSOY	EP 137	CO	2.37E+00	Gas 1		343	NO
LACitgoLakeCharles	EQT238	CO	2.37E+00	Gas 1		344	NO
CAConocoPhillipsSanFran	S# 3	CO	2.38E+00	Gas 1		345	NO
MDUofMaryland	EU 001-2	CO	2.40E+00	Gas 1		346	NO
CATesoro	S-926 Furnace 26	CO	2.40E+00	Gas 1		347	NO
PADominionFinnetrock	Boiler 3 (039)	CO	2.40E+00	Gas 1		348	NO
CAConocoPhillipsSanFran	S# 7	CO	2.40E+00	Gas 1		349	NO
TNValeroMemphis	P010A - No. 1 East Crude Unit Heater	CO	2.44E+00	Gas 1		350	NO
MDUofMaryland	EU 001-4	CO	2.45E+00	Gas 1		351	NO
CAConocoPhillipsSanFran	S# 36	CO	2.46E+00	Gas 1		352	NO
OKONEOKMedford	H-1	CO	2.47E+00	Gas 1		353	NO
TXEquistarChannelview	F4360C	CO	2.48E+00	Gas 1		354	NO
CATesoro	S-1106 Furnace 72	CO	2.50E+00	Gas 1		355	NO
IAKochNitrogen	Reformer-Aux Boiler	CO	2.52E+00	Gas 1		356	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
SCPPGSp anburg	LLR06251 (Hurst)	CO	2.57E+00	Gas 1		357	NO
ALHuntRefi ning	B-06	CO	2.58E+00	Gas 1		358	NO
COSEIncCo mmerceCity	H-33	CO	2.59E+00	Gas 1		359	NO
TXDowChem icalFreeport2 629	B68ALS3	CO	2.62E+00	Gas 1		360	NO
CAConocoP hillipsSanFra n	S# 2	CO	2.68E+00	Gas 1		361	NO
LAValeroRefi ning	F-52-01B	CO	2.71E+00	Gas 1		362	NO
TXDiamondS hamrockMcK ee	H-8 (HCU Fractionation )	CO	2.71E+00	Gas 1		363	NO
CAConocoP hillipsSanFra n	S# 461	CO	2.71E+00	Gas 1		364	NO
MTCHSLaur el1401	#11 Boiler	CO	2.71E+00	Gas 1		365	NO
MTCHSLaur el1401	H-1001	CO	2.74E+00	Gas 1		366	NO
GAOFSFite l	HWG1	CO	2.75E+00	Gas 1		367	NO
OHSolvayAd vancedPoly mers	B011	CO	2.75E+00	Gas 1		368	NO
ORBoiseBuil ding	B1	CO	2.76E+00	Gas 1		369	NO
CAExxonMo bil-Torrance	75F-1	CO	2.78E+00	Gas 1		370	NO
TXSolutiaInc	50H3	CO	2.80E+00	Gas 1		371	NO
WYSinclairW yoming	Pt 74 #2 H2 Plant Heater	CO	2.81E+00	Gas 1		372	NO
TXOccidenta lChemGrego ry	CTG Duct Burner 2	CO	2.84E+00	Gas 1		373	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXTotalPetrochemPortArthur	52DHT2H-2	CO	2.89E+00	Gas 1		374	NO
SCEastman Colombia	HTM Heater #3 (Equip ID 1101)	CO	2.92E+00	Gas 1		375	NO
TNValeroMemphis	P021 - No. 9 Boiler	CO	2.93E+00	Gas 1		376	NO
KYCentralMotorWheel	Alum. Div. Boiler	CO	2.94E+00	Gas 1		377	NO
LADowChemicalVinyl	F-110	CO	2.97E+00	Gas 1		378	NO
PADominion Ellisburg	Boiler 2 (Aux Boiler)	CO	3.00E+00	Gas 1		379	NO
CAConocoPhillipsSanFran	S# 30	CO	3.06E+00	Gas 1		380	NO
PASunocoMarcusHook	040 (10-4 Feed Heater)	CO	3.09E+00	Gas 1		381	NO
MDNewPageLuke	No. 26	CO	3.09E+00	Gas 1		382	NO
TXRohmHassDeerPark	ACET-2B-2	CO	3.10E+00	Gas 1		383	NO
MTCHSLauriel1401	FCC Feed Preheater	CO	3.10E+00	Gas 1		384	NO
NJMerckRahway	E750010 - Boiler #10	CO	3.11E+00	Gas 1		385	NO
TXLyondellCannelview	F96890	CO	3.16E+00	Gas 1		386	NO
OHUSEnrichmentCorpPiketon	X-6002 Boiler No. 2 (South)	CO	3.16E+00	Gas 1		387	NO
FLGPPalataka	EU15	CO	3.16E+00	Gas 1		388	NO
ILMarathon	87F-103	CO	3.16E+00	Gas 1		389	NO
GAOFSFitel	HWG3	CO	3.20E+00	Gas 1		390	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXValeroTexasCity	Boiler 18	CO	3.23E+00	Gas 1		391	NO
TXOccidentalChemGregory	CTG Duct Burner 1	CO	3.25E+00	Gas 1		392	NO
TXTotalPetrochemPortArthur	50TDPH-1	CO	3.32E+00	Gas 1		393	NO
LAWestlakeVinyls	74-07 EDC Cracking Furnace	CO	3.38E+00	Gas 1		394	NO
MSChevronPascagoula	F-5380B	CO	3.51E+00	Gas 1		395	NO
IACargillIowaFalls	EP 40	CO	3.53E+00	Gas 1		396	NO
OKONEOKMedford	H-6	CO	3.54E+00	Gas 1		397	NO
TXGoodyearTyler	6-BOIL-3	CO	3.61E+00	Gas 1		398	NO
NJMerckRahway	E750012 - Boiler #12	CO	3.70E+00	Gas 1		399	NO
IAMidAmericanEnergyBetendorf390	H2	CO	3.74E+00	Gas 1		400	NO
CAProctorGamble158	5009	CO	3.74E+00	Gas 1		401	NO
ALHuntRefining	AX	CO	3.83E+00	Gas 1		402	NO
WVMorgantownEnergyAssociates	S009L (Aux. Boiler 1)	CO	4.00E+00	Gas 1		403	NO
LAValeroRefining	CCR Heater	CO	4.06E+00	Gas 1		404	NO
FLIPensacola	Power Boiler 5 / EU ID 02	CO	4.06E+00	Gas 1		405	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
AKBPEXplor ationCGF	NGI-19-1402 (EU ID 13)	CO	4.06E+00	Gas 1		406	NO
PADominion Greenlick	Boiler 2	CO	4.10E+00	Gas 1		407	NO
MSChevronP ascagoula	F-8300A	CO	4.15E+00	Gas 1		408	NO
TXTexasPetr ochemicals	Boiler No. 10	CO	4.22E+00	Gas 1		409	NO
TXValeroCor pusChristi	129-H-301	CO	4.24E+00	Gas 1		410	NO
MSChevronP ascagoula	F-1601	CO	4.26E+00	Gas 1		411	NO
TXDiamondS hamrockThre eRivers	H-047	CO	4.27E+00	Gas 1		412	NO
LAPCSNitrog en	Primary Reformer	CO	4.42E+00	Gas 1		413	NO
TXDiamondS hamrockMcK ee	B-4 (Boiler #11)	CO	4.44E+00	Gas 1		414	NO
CANUMMI	S1056	CO	4.47E+00	Gas 1		415	NO
OKQuadGra phicsOKCity	SG01	CO	4.51E+00	Gas 1		416	NO
TXValeroCor pusChristi	139-H-3A	CO	4.76E+00	Gas 1		417	NO
TXTexasPetr ochemicals	Boiler No. 11	CO	4.79E+00	Gas 1		418	NO
LACalumet	II-SA #1 Platformer charge heater	CO	4.80E+00	Gas 1		419	NO
IAUoflowa	EP44 Temp Boiler 2	CO	4.84E+00	Gas 1		420	NO
ORCascade PacificPulp	PB1EU	CO	4.87E+00	Gas 1		421	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
OHHondaMA P	Boiler House Boiler 5	CO	4.96E+00	Gas 1		422	NO
TXTotalPetro chemPortArt hur	51DHT1H-1	CO	4.96E+00	Gas 1		423	NO
INNucorSteel	VTD Boiler	CO	5.00E+00	Gas 1		424	NO
OKConocoP hillipsPonca City	H-6007	CO	5.25E+00	Gas 1		425	NO
NJDSMNutrit ional	Boiler 3	CO	5.32E+00	Gas 1		426	NO
DEPremcorG roupValero	29-H-4	CO	5.41E+00	Gas 1		427	NO
MAMirantCa nal	Aux Boiler A	CO	5.41E+00	Gas 1		428	NO
LAShellChe micaGeismar	Boiler F- U205	CO	5.42E+00	Gas 1		429	NO
OKConocoP hillipsPonca City	H-6014	CO	5.46E+00	Gas 1		430	NO
CAProctorGa mble158	5006	CO	5.50E+00	Gas 1		431	NO
ILJLMChemi calsBluelslan d	Boiler 1	CO	5.50E+00	Gas 1		432	NO
MSChevronP ascagoula	F-8510	CO	5.51E+00	Gas 1		433	NO
PADominion Finnefrock	Boiler 2	CO	5.55E+00	Gas 1		434	NO
PABellefield Plant	Boiler 7	CO	5.86E+00	Gas 1		435	NO
TXValeroTex asCity	Heater 27	CO	5.93E+00	Gas 1		436	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXDowChemicalFreeport2629	A32CSH301	CO	6.00E+00	Gas 1		437	NO
WIMurphyOilRefinery	GGU 29-H02	CO	6.30E+00	Gas 1		438	NO
TXDowChemicalLaPorte	B2104	CO	6.33E+00	Gas 1		439	NO
CANUMMI	S1057	CO	6.60E+00	Gas 1		440	NO
IDTASCONampa	Riley Boiler	CO	6.60E+00	Gas 1		441	NO
OKSinclairTulsaRefining	NHDS Stripper Reboiler	CO	6.68E+00	Gas 1		442	NO
LAPPGLakeCharles	Power/Utilities- Powerhouse C- Cogeneration Unit #1	CO	6.76E+00	Gas 1		443	NO
COCheyennePlainsCompStation	H-8702	CO	6.77E+00	Gas 1		444	NO
CAProctorGamble158	5005	CO	6.77E+00	Gas 1		445	NO
PAUnitedRefiningWarrant	56	CO	6.87E+00	Gas 1		446	NO
WYBurlingtonResources	B-4301-3	CO	7.02E+00	Gas 1		447	NO
GARobinsAFB	B016	CO	7.03E+00	Gas 1		448	NO
LADeltech	HB-513	CO	7.42E+00	Gas 1		450	NO
OKWynnewood	H48001	CO	7.43E+00	Gas 1		451	NO
TXSolutiaInc	50H1-3	CO	7.43E+00	Gas 1		452	NO
OHSolaeBellvue	B010	CO	7.47E+00	Gas 1		453	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
WYOCIWyo ming	Boiler 3	CO	7.67E+00	Gas 1		454	NO
MTCHSLaur el1401	H-202 Fractionator Feed Heater	CO	7.69E+00	Gas 1		455	NO
TXValeroTex asCity	Heater 13- 1480	CO	8.07E+00	Gas 1		456	NO
LAValeroRefi ning	401E Boiler	CO	8.12E+00	Gas 1		457	NO
TXHuntsman Petrochemic al	H-A-1	CO	8.12E+00	Gas 1		458	NO
DEPremcorG roupValero	29-H-8	CO	8.12E+00	Gas 1		459	NO
NJPassaicVa lleySewerag e	U20-B2	CO	8.19E+00	Gas 1		460	NO
NCCargillFay etteville	ES-41	CO	8.21E+00	Gas 1		461	NO
PASunocoM arcusHook	706 (12-4 LSG Stabilizer Heater, H02)	CO	8.22E+00	Gas 1		462	NO
TXDeerPark Refinery	H5500	CO	8.30E+00	Gas 1		463	NO
WVQuadGra phisMartinsb urg	B-04	CO	8.39E+00	Gas 1		464	NO
NJPassaicVa lleySewerag e	U20-B1	CO	8.41E+00	Gas 1		465	NO
TXDowChem icalFreeport2 629	B27P3S521	CO	8.43E+00	Gas 1		466	NO
UTBigWestO il	H-404	CO	8.57E+00	Gas 1		467	NO
WYRawlinsN GL	H-1	CO	8.57E+00	Gas 1		468	NO
LAValeroRefi ning	401D Boiler	CO	8.57E+00	Gas 1		469	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
IDTASCONa mpa	Babcock and Wilcox (B&W) #1	CO	8.66E+00	Gas 1		470	NO
IDTASCONa mpa	Babcock and Wilcox (B&W) #2	CO	8.66E+00	Gas 1		471	NO
MSChevronP ascagoula	F-8110	CO	8.66E+00	Gas 1		472	NO
OHPPGCircl eville	B014	CO	8.68E+00	Gas 1		473	NO
PADominion Harrison	Boiler 2	CO	8.70E+00	Gas 1		474	NO
PASunocoP hiladelphia	CU-009	CO	8.80E+00	Gas 1		475	NO
TXBASFFree port	B-20C	CO	9.02E+00	Gas 1		476	NO
TXValeroTex asCity	Heater 31	CO	9.08E+00	Gas 1		477	NO
TXValeroTex asCity	Heater 32	CO	9.08E+00	Gas 1		478	NO
NJHessCorp- PortReading	U4 - Boiler #3	CO	9.37E+00	Gas 1		479	NO
LADowChem icalVinyl	F-103	CO	9.43E+00	Gas 1		480	NO
IAADMClinto nCorn	EU54-1B Boiler No. 10	CO	9.47E+00	Gas 1		481	NO
MDSeverstal Sparrows	3BLR	CO	9.47E+00	Gas 1		482	NO
TXSolutiaInc	51H1	CO	9.63E+00	Gas 1		483	NO
GARobinsAF B	B018	CO	9.98E+00	Gas 1		484	NO
GALockheed Martin	2580	CO	1.01E+01	Gas 1		485	NO
PADominion Harrison	Heater 2	CO	1.02E+01	Gas 1		486	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_Na me	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXDiamondS hamrockMcK ee	H-11 (#2 Crude - Anderson)	CO	1.04E+01	Gas 1		487	NO
TXDeerPark Refinery	H36100	CO	1.05E+01	Gas 1		488	NO
TXDiamondS hamrockMcK ee	H-2 (#1 Crude Vacuum)	CO	1.05E+01	Gas 1		489	NO
SCMarlboro Paper	Package Boiler	CO	1.06E+01	Gas 1		490	NO
MOAnheuser Busch	Boiler7	CO	1.07E+01	Gas 1		491	NO
LACalumet	VII-f DHT 92- H-100 heater	CO	1.08E+01	Gas 1		492	NO
NJHessCorp- PortReading	U4 - Boiler #4	CO	1.12E+01	Gas 1		493	NO
WYOCIWyo ming	Boiler 4	CO	1.13E+01	Gas 1		494	NO
PAYorkJCI- Grantley	B49 Boilers	CO	1.15E+01	Gas 1		495	NO
TXValeroTex asCity	Heater 29	CO	1.15E+01	Gas 1		496	NO
IAUoflowa	EP43 Temp Boiler 1	CO	1.19E+01	Gas 1		497	NO
TXBASFFree port	W-500H	CO	1.22E+01	Gas 1		498	NO
MTCHSLaur el1401	Coker Charge Heater	CO	1.27E+01	Gas 1		499	NO
OHMarathon RefineryCant on	B022 - HDT Heater	CO	1.27E+01	Gas 1		500	NO
ORSierraPin eSpringfield	SPSPBL01	CO	1.29E+01	Gas 1		501	NO
OKONEOKM edford	H-7	CO	1.30E+01	Gas 1		502	NO
NJAPIFois	1	CO	1.35E+01	Gas 1		503	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
COSEIncCo mmerceCity	B501	CO	1.35E+01	Gas 1		504	NO
MIMarathon OilDetroit	14H8 - CCR Charge Heater	CO	1.35E+01	Gas 1		505	NO
MIMarathon OilDetroit	8H1 - GOHT Charge Heater	CO	1.35E+01	Gas 1		506	NO
DEPremcorG roupValero	29-H-5	CO	1.35E+01	Gas 1		507	NO
OKONEOKM edford	H-2	CO	1.43E+01	Gas 1		508	NO
ORWeyerha euserCoWar rentonLumbe rMill	4-NGB	CO	1.43E+01	Gas 1		509	NO
LAWestlake Vinyls	03-04 Utility Boiler	CO	1.44E+01	Gas 1		510	NO
IAMidAmeric anEnergyCo uncil Bluffs391	Unit 4 Auxilliary Boiler	CO	1.46E+01	Gas 1		511	NO
WIFlambeau RiverPaper	B20	CO	1.53E+01	Gas 1		512	NO
MIZeelandFa rm	Large Boiler	CO	1.55E+01	Gas 1		513	NO
WAUSOiland RefiningTaco ma	H-202	CO	1.58E+01	Gas 1		514	NO
TXDowChem icalFreeport 2629	B27P3S503	CO	1.59E+01	Gas 1		515	NO
PADominion Greenlick	Heater 4	CO	1.60E+01	Gas 1		516	NO
TXBASFFree port	Dehydro Heaters	CO	1.62E+01	Gas 1		517	NO
TXDiamondS hamrockMcK ee	H-26 (#2 Vacuum Heater)	CO	1.63E+01	Gas 1		518	NO
TXLubrizoC orpDeerPark Plant	BOILER NO.6	CO	1.67E+01	Gas 1		519	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXWesternRefining	F-3901	CO	1.75E+01	Gas 1		520	NO
COSEIncCommerceCity	H103	CO	1.76E+01	Gas 1		521	NO
IAADMClintonCorn	EU504-2 WWTP Oil Heater	CO	1.78E+01	Gas 1		522	NO
ILFlintHillsResources	CB-706	CO	1.78E+01	Gas 1		523	NO
CATesoro	S-919 Furnace 19	CO	1.80E+01	Gas 1		524	NO
SCDuPontTijinFlorence	Boiler #1	CO	1.85E+01	Gas 1		525	NO
TXWesternRefining	F-1011	CO	1.85E+01	Gas 1		526	NO
CASoCalGas	H-401B	CO	1.93E+01	Gas 1		527	NO
LAAmericasStyrenics	HB-3500	CO	1.96E+01	Gas 1		528	NO
CASoCalGas	H-401A	CO	1.97E+01	Gas 1		529	NO
SCDuPontTijinFlorence	Boiler #2	CO	1.98E+01	Gas 1		530	NO
TXFirestonePolymersLLC	E-B110	CO	1.99E+01	Gas 1		531	NO
OHADMForestoria1778	B005	CO	2.00E+01	Gas 1		532	NO
MAMirantCanada	Aux Boiler B	CO	2.12E+01	Gas 1		533	NO
TNValeroMemphis	P013-DHDS Reactor Chrg Htr & Fractionator Reboiler	CO	2.15E+01	Gas 1		534	NO
LAConocoPhillipsUnit891	891-H-1 Delayed Coker Charge Heater	CO	2.20E+01	Gas 1		535	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
LADowChemicalVinyl	F-106	CO	2.27E+01	Gas 1		536	NO
MIPfizerGlobal1179	EUBoiler6	CO	2.28E+01	Gas 1		537	NO
OKQuadGraphicsOKCity	SG02	CO	2.30E+01	Gas 1		538	NO
PAINDESPEC	040	CO	2.32E+01	Gas 1		539	NO
PADominionFinnefrock	Boiler (Pennco)	CO	2.35E+01	Gas 1		540	NO
TXValeroTexasCity	Boiler 26	CO	2.37E+01	Gas 1		541	NO
MSWeyerhaeuserColumbus	AA-019	CO	2.48E+01	Gas 1		542	NO
LADowChemicalVinyl	F-101	CO	2.50E+01	Gas 1		543	NO
TXHuntsmanPortNeches	Boiler HK-11	CO	2.51E+01	Gas 1		544	NO
TXTotalPetrochemPortArthur	01ACU1H101	CO	2.53E+01	Gas 1		545	NO
PADominionEllisburg	Heater 4 (045)	CO	2.53E+01	Gas 1		546	NO
TXDiamondShamrockMckee	H-40 (#1 PDA Asplatt Heater)	CO	2.53E+01	Gas 1		547	NO
MIPfizerGlobal1179	EUBoiler2	CO	2.54E+01	Gas 1		548	NO
KSGMFairfax	Boiler No.4	CO	2.54E+01	Gas 1		549	NO
MIFordWayneAssembly	Powerhouse Boiler 3	CO	2.57E+01	Gas 1		550	NO
PASunocoMarcusHook	D Boiler (FPLE)	CO	2.57E+01	Gas 1		551	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
VADuPontSp ruance	Dowtherm Vaporizer No. 5	CO	2.60E+01	Gas 1		552	NO
LADowChem icalVinyl	F-104	CO	2.64E+01	Gas 1		553	NO
CADucomm unAeroStruct ures	B003705	CO	2.65E+01	Gas 1		554	NO
TXValeroCor pusChristi	139-H-3B	CO	2.66E+01	Gas 1		555	NO
MIMarathon OilDetroit	11H1 - FCCU Charge Heater	CO	2.71E+01	Gas 1		556	NO
ORGPToled o	EU13 - Power Boiler #1	CO	2.72E+01	Gas 1		557	NO
WAConocoP hillipsFerndal e	22F-1E	CO	2.73E+01	Gas 1		558	NO
LADowChem icalVinyl	F-105	CO	2.76E+01	Gas 1		559	NO
LACF Industries	No. 2 Urea Boiler B	CO	2.80E+01	Gas 1		560	NO
TXDiamondS hamrockThre eRivers	H-1402	CO	2.81E+01	Gas 1		561	NO
TXDowChem icalFreeport2 629	BSRSRHET 2	CO	2.83E+01	Gas 1		562	NO
NJDSMNutrit ional	Boiler 2	CO	2.84E+01	Gas 1		563	NO
LADowChem icalVinyl	F-102	CO	2.89E+01	Gas 1		564	NO
TXChevronB aytown	H-602	CO	2.93E+01	Gas 1		565	NO
ILAbbottNort hChicago	Boiler #11	CO	2.93E+01	Gas 1		566	NO
ORFlakeboar dAlbany	Boil-1	CO	2.94E+01	Gas 1		567	NO
COCheyenn ePlainsCom pStation	H-8701	CO	2.98E+01	Gas 1		568	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
ORIPSpringfield	Power Boiler	CO	2.98E+01	Gas 1		569	NO
CTCytectWallingford	150 Furnace	CO	2.98E+01	Gas 1		570	NO
GARobinsAFB	B017	CO	3.02E+01	Gas 1		571	NO
CATesoro	S-951 Furnace 51	CO	3.04E+01	Gas 1		572	NO
MNAndersonCorpBayport	Boiler 13 EU622	CO	3.04E+01	Gas 1		573	NO
IAADMClintonCorn	EU504-1 WWTP Oil Heater	CO	3.04E+01	Gas 1		574	NO
MSPYCO	AA-001	CO	3.09E+01	Gas 1		575	NO
MNAndersonCorpBayport	Boiler 11 EU620	CO	3.14E+01	Gas 1		576	NO
MNAndersonCorpBayport	Boiler 12 EU621	CO	3.14E+01	Gas 1		577	NO
TXLanxess-Orange	EQ-3V	CO	3.25E+01	Gas 1		578	NO
PADominionEllisburg	Heater 5 (052)	CO	3.27E+01	Gas 1		579	NO
VADuPontSpruance	Dowtherm Vaporizer No. 4	CO	3.33E+01	Gas 1		580	NO
MSChevronPascagoula	F-8300C	CO	3.36E+01	Gas 1		581	NO
VAUniversityofVirginia	7103-1-02R	CO	3.39E+01	Gas 1		582	NO
LATembecUSA	PB No.4	CO	3.41E+01	Gas 1		583	NO
TXChevronBaytown	H-530	CO	3.44E+01	Gas 1		584	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
MDDominion CovePoint	S004-17	CO	3.45E+01	Gas 1		585	NO
MDDominion CovePoint	S004-25	CO	3.48E+01	Gas 1		586	NO
NJPassaicValley Sewerage	U20-B3	CO	3.58E+01	Gas 1		587	NO
IDAgriumNu West	S-Nb-1	CO	3.60E+01	Gas 1		588	NO
LAValeroRefining	401C Boiler	CO	3.61E+01	Gas 1		589	NO
TXLanxess- Orange	EQ-1V	CO	3.65E+01	Gas 1		590	NO
WAGPCamas	No. 5 Power Boiler	CO	3.65E+01	Gas 1		591	NO
WVQuadGra phisMartinsb urg	B-02	CO	3.67E+01	Gas 1		592	NO
VADuPontSp ruance	Dowtherm Vaporizer No. 6	CO	3.70E+01	Gas 1		593	NO
NJDSMNutrit ional	Boiler 4	CO	3.74E+01	Gas 1		594	NO
MDDominion CovePoint	S004-21	CO	3.78E+01	Gas 1		595	NO
PASunocoM arcusHook	B Boiler (FPLE)	CO	3.79E+01	Gas 1		596	NO
NJSunocoW estville	Boiler #6	CO	3.85E+01	Gas 1		597	NO
MOMcDonne IDouglasStLo uis	103-1	CO	3.87E+01	Gas 1		598	NO
PASunocoM arcusHook	C Boiler (FPLE)	CO	4.01E+01	Gas 1		599	NO
OKTerraNitro gen	UC Boiler	CO	4.06E+01	Gas 1		600	NO
PADominion Greenlick	Heater 2	CO	4.19E+01	Gas 1		601	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
KSSpiritAero	3-224R- BLR3	CO	4.19E+01	Gas 1		602	NO
PASunocoM arcusHook	A Boiler (FPLE)	CO	4.20E+01	Gas 1		603	NO
TXLubrizolC orpDeerPark Plant	BOILER NO.4	CO	4.24E+01	Gas 1		604	NO
LACF Industries	No. 2 Urea Boiler A	CO	4.27E+01	Gas 1		605	NO
ILKoppersInc	Boiler #4	CO	4.28E+01	Gas 1		606	NO
LAShellChe micaGeismar	Boiler F- U201	CO	4.28E+01	Gas 1		607	NO
NYKodakPar k	#1 boiler B- 514	CO	4.30E+01	Gas 1		608	NO
TXHuntsman Petrochemic al	H-F-2	CO	4.33E+01	Gas 1		609	NO
TXHuntsman Petrochemic al	H-F-3	CO	4.33E+01	Gas 1		610	NO
NYKodakPar k	#1 boiler B- 95	CO	4.35E+01	Gas 1		611	NO
COSEIncCo mmerceCity	B-6	CO	4.38E+01	Gas 1		612	NO
ILAbbottNort hChicago	Boiler #10	CO	4.45E+01	Gas 1		613	NO
TXValeroTex asCity	Heater 60	CO	4.46E+01	Gas 1		614	NO
NYKodakPar k	2 boiler B- 514	CO	4.47E+01	Gas 1		615	NO
IDPotlatchLe wiston	2 Power Boiler	CO	4.50E+01	Gas 1		616	NO
MDDominion CovePoint	S004-19	CO	4.56E+01	Gas 1		617	NO
OHTateLyle Dayton	B004	CO	4.59E+01	Gas 1		618	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
MDDominion CovePoint	S004-22	CO	4.60E+01	Gas 1		619	NO
OHFordClevelandCasting	Boiler No. 3 (BO22)	CO	4.60E+01	Gas 1		620	NO
LABoiseNew sprintDeRidder	86-01	CO	4.62E+01	Gas 1		621	NO
OHTateLyle Dayton	B002	CO	4.74E+01	Gas 1		622	NO
DEPremcorGroupValero	29-H-101	CO	4.74E+01	Gas 1		623	NO
MDDominion CovePoint	S004-20	CO	4.77E+01	Gas 1		624	NO
CAMillerCoors Irwindale	D3 Keeler	CO	4.80E+01	Gas 1		625	NO
MDDominion CovePoint	S004-24	CO	4.81E+01	Gas 1		626	NO
MDDominion CovePoint	S004-23	CO	4.81E+01	Gas 1		627	NO
OKConocoPhillipsPonca City	B-0008	CO	4.82E+01	Gas 1		628	NO
MDDominion CovePoint	S004-18	CO	4.84E+01	Gas 1		629	NO
PADominion Greenlick	Heater B	CO	4.90E+01	Gas 1		630	NO
TXRohmHassDeerPark	HT-9	CO	4.95E+01	Gas 1		631	NO
GARobinsAF B	B014	CO	4.96E+01	Gas 1		632	NO
TXDeerPark Refinery	H5105	CO	5.09E+01	Gas 1		633	NO
TXDeerPark Refinery	H63000	CO	5.09E+01	Gas 1		634	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
CATesoro	S-920 Furnace 20	CO	5.10E+01	Gas 1		635	NO
TXLanxess- Orange	BOS-31V	CO	5.14E+01	Gas 1		636	NO
VAUniversity ofVirginia	5575-1-03	CO	5.27E+01	Gas 1		637	NO
NJPassaicValley Sewerage	U20-B4	CO	5.28E+01	Gas 1		638	NO
MTRoseburg Missoula	Boiler	CO	5.35E+01	Gas 1		639	NO
MDDominion CovePoint	S004-16	CO	5.43E+01	Gas 1		640	NO
NYKodakPark	#2 boiler B- 95	CO	5.53E+01	Gas 1		641	NO
LACitgoLake Charles	EQT028	CO	5.55E+01	Gas 1		642	NO
MOAnheuser Busch	Boiler 5	CO	5.58E+01	Gas 1		643	NO
PADominion Oakford	Boiler 2	CO	5.59E+01	Gas 1		644	NO
LACalumet	VII-h sour crude heater 9*3-H-200	CO	5.68E+01	Gas 1		645	NO
WYSinclairC asper	Pt. 18 B-201 CHD Heater	CO	6.00E+01	Gas 1		646	NO
PADominion Greenlick	Heater 1	CO	6.00E+01	Gas 1		647	NO
VAUniversity ofVirginia	7103-1-05	CO	6.00E+01	Gas 1		648	NO
ILWoodRiver Refinery	HTR-DU1- F301	CO	6.04E+01	Gas 1		649	NO
VAUniversity ofVirginia	5575-1-02	CO	6.08E+01	Gas 1		650	NO
NYKodakPark	#2 boiler B- 502	CO	6.10E+01	Gas 1		651	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
PADominion Greenlick	Boiler 1	CO	6.20E+01	Gas 1		652	NO
NEAgProces singSOY	EP 117	CO	6.20E+01	Gas 1		653	NO
LACF Industries	No. 1 Urea Boiler	CO	6.23E+01	Gas 1		654	NO
OKConocoP hillipsPonca City	B-0009	CO	6.59E+01	Gas 1		655	NO
OKConocoP hillipsPonca City	B-0010	CO	6.59E+01	Gas 1		656	NO
TXLanxess- Orange	EQ-2V	CO	6.63E+01	Gas 1		657	NO
ILKoppersInc	Boiler #1	CO	6.67E+01	Gas 1		658	NO
TXDiamondS hamrockMcK ee	H-45 (#1 Hydrotreater Charge)	CO	6.73E+01	Gas 1		659	NO
TXDiamondS hamrockMcK ee	H-1 (#1 Crude Charge)	CO	6.76E+01	Gas 1		660	NO
CATesoro	S-915 Furnace 15	CO	7.04E+01	Gas 1		661	NO
WABoeingFr edrickson	Boiler #2	CO	7.06E+01	Gas 1		662	NO
FLIPPensac ola	Power Boiler 6 / EU ID 03	CO	7.08E+01	Gas 1		663	NO
PADominion Greenlick	Heater A	CO	7.10E+01	Gas 1		664	NO
SCPPGSpart anburg	LLR01490 (Superior)	CO	7.21E+01	Gas 1		665	NO
TXDowChem icalFreeport2 629	BSRSRHET 1	CO	7.24E+01	Gas 1		666	NO
NYKodakPar k	#1 Boiler B- 502	CO	7.25E+01	Gas 1		667	NO
VAUniversity ofVirginia	5575-1-01	CO	7.36E+01	Gas 1		668	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
PADominion Greenlick	Heater C	CO	7.40E+01	Gas 1		669	NO
VAAUniversity ofVirginia	5575-1-04	CO	7.41E+01	Gas 1		670	NO
TXFirestone PolymersLL C	E-B111	CO	7.41E+01	Gas 1		671	NO
OHMillenniu mInorganicC hemicals187 2	B016	CO	7.50E+01	Gas 1		672	NO
LAShellChe micaGeismar	Boiler F- U206	CO	7.59E+01	Gas 1		673	NO
ORSPNewsp rint	B6-EU	CO	7.71E+01	Gas 1		674	NO
ORSPNewsp rint	B7-EU	CO	7.71E+01	Gas 1		675	NO
OHTateLyle Dayton	B001	CO	7.78E+01	Gas 1		676	NO
PAAKSteelB uttler	037A - Boiler 21	CO	7.86E+01	Gas 1		677	NO
TXRohmHaa sDeerPark	ACET-2A-2	CO	7.99E+01	Gas 1		678	NO
WYOCIWyo ming	Boiler 5	CO	8.03E+01	Gas 1		679	NO
NCR ReevesBr osRutherford ton	B4	CO	8.30E+01	Gas 1		680	NO
TXDiamondS hamrockThre eRivers	6F-3	CO	8.45E+01	Gas 1		681	NO
TXWesternR efining	F-1001	CO	8.71E+01	Gas 1		682	NO
TXDowChem icalFreeport2 629	BSRSRHDH T	CO	8.99E+01	Gas 1		683	NO
OKTerraNitro gen	#1 Primary Reformer	CO	9.07E+01	Gas 1		684	NO
MTCHSLaur el1401	#10 Boiler	CO	9.30E+01	Gas 1		685	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
WYSinclairW yoming	Pt 41 #9 HPB	CO	9.32E+01	Gas 1		686	NO
ILCSLBehrin g	Cogen Turbine	CO	9.46E+01	Gas 1		687	NO
INNucorSteel	HM#2 Annealing	CO	9.60E+01	Gas 1		688	NO
INNucorSteel	HM#1 Annealing	CO	9.67E+01	Gas 1		689	NO
LACalumet	IV-O #10 Boiler	CO	9.68E+01	Gas 1		690	NO
TXWesternR efining	125	CO	9.95E+01	Gas 1		691	NO
TXDiamondS hamrockMcK ee	B-12 (600# Boiler)	CO	9.97E+01	Gas 1		692	NO
TXBayerMat erialScience	Fulton Hot Oil Skid	CO	1.00E+02	Gas 1		693	NO
TXGoodyear Beaumont	B107	CO	1.00E+02	Gas 1		694	NO
TXLubrizolB ayport	BOIL-1	CO	1.02E+02	Gas 1		695	NO
ILTheSolaeC o	606-000	CO	1.02E+02	Gas 1		696	NO
TXTexasPetr ochemicals	Boiler No. 2	CO	1.02E+02	Gas 1		697	NO
MNBoisePap er1212	EU 460 Boiler #9	CO	1.02E+02	Gas 1		698	NO
LALionCopol ymer	EQT 56	CO	1.11E+02	Gas 1		699	NO
MOAnheuser Busch	Boiler 1	CO	1.11E+02	Gas 1		700	NO
NEADMCor n ProcessingC olumbus	WM38 Boiler #1	CO	1.14E+02	Gas 1		701	NO
TXFormosaP lastics	THS-10 (EPN 7F)	CO	1.16E+02	Gas 1		702	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
ILFlintHillsResources	HB-2200	CO	1.20E+02	Gas 1		703	NO
ORGP Toledo	EU22 - Power Boiler #5	CO	1.20E+02	Gas 1		704	NO
WABoeingFredrickson	Boiler #1	CO	1.30E+02	Gas 1		705	NO
MSPYCO	AA-002	CO	1.30E+02	Gas 1		706	NO
COParachuteGasPlant	H-3741 (HTR-4)	CO	1.35E+02	Gas 1		707	NO
PAUnitedRefiningWarrant	51	CO	1.36E+02	Gas 1		708	NO
TXDowChemicalFreeport2629	B27P3S523	CO	1.36E+02	Gas 1		709	NO
INHaynesInternational	Boiler 1	CO	1.42E+02	Gas 1		710	NO
TXDeerParkRefinery	H1000	CO	1.44E+02	Gas 1		711	NO
GAADMLocation551	640- Cleaver Brooks	CO	1.45E+02	Gas 1		712	NO
CAExxonMobil-Torrance	3F-1A	CO	1.48E+02	Gas 1		713	NO
CAExxonMobil-Torrance	3F-1B	CO	1.48E+02	Gas 1		714	NO
CAExxonMobil-Torrance	3F-2A	CO	1.48E+02	Gas 1		715	NO
CAExxonMobil-Torrance	3F-2B	CO	1.48E+02	Gas 1		716	NO
MOMcDonneIDouglasStLouis	78-1	CO	1.49E+02	Gas 1		717	NO
TXDeerParkRefinery	H5600	CO	1.55E+02	Gas 1		718	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
GARobinsAF B	B015	CO	1.60E+02	Gas 1		719	NO
MOMcDonne IDouglasStLo uis	78-2	CO	1.65E+02	Gas 1		720	NO
TXDowChem icalFreeport2 629	B23G2S826	CO	1.74E+02	Gas 1		721	NO
PADominion Greenlick	Heater 3	CO	1.80E+02	Gas 1		722	NO
CACAPortlan dCementMoj ave	D4-1-AH1	CO	1.85E+02	Gas 1		723	NO
TXRohmHaa sDeerPark	HT-2	CO	1.86E+02	Gas 1		724	NO
INHaynesInt ernational	Boiler 2	CO	1.88E+02	Gas 1		725	NO
MIPfizerGlob al1179	EUBoiler1B	CO	1.91E+02	Gas 1		726	NO
CADucomm unAeroStruct ures	B003704	CO	2.01E+02	Gas 1		727	NO
MNADMCor nDivision	Gas Boiler #4 EU054	CO	2.02E+02	Gas 1		728	NO
OHHondaMA P	Boiler House Boiler 2	CO	2.17E+02	Gas 1		729	NO
INTateLyleS agamore	21B501	CO	2.17E+02	Gas 1		730	NO
NYKodakPar k	#3 boiler B- 91	CO	2.51E+02	Gas 1		731	NO
ILKoppersInc	Tube Heater F201	CO	2.51E+02	Gas 1		732	NO
CAConocoP hillipsSanFra n	S# 22	CO	2.54E+02	Gas 1		733	NO
SCMichelinS andySprings	B:02:01	CO	2.56E+02	Gas 1		734	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXMeadWes tvacoEvadal e	21-2069	CO	2.59E+02	Gas 1		735	NO
TXLubrizolC orpDeerPark Plant	BOILER NO.5	CO	2.64E+02	Gas 1		736	NO
ORIPSpringfi eld	Package Boiler	CO	2.70E+02	Gas 1		737	NO
MIMISugarB ayCity	#5 Boiler	CO	2.84E+02	Gas 1		738	NO
TXDeerPark ChemicalPla nt	H1300	CO	2.85E+02	Gas 1		739	NO
TXMeadWes tvacoEvadal e	21-2104	CO	3.18E+02	Gas 1		740	NO
CATesoro	S-931 Furnace 31	CO	3.68E+02	Gas 1		741	NO
TXRohmHaa sDeerPark	HT-1	CO	3.69E+02	Gas 1		742	NO
DEPremcorG roupValero	29-H-6	CO	4.07E+02	Gas 1		743	NO
FLPepperidg eFarm	HOT WAT GAS FIRED	CO	4.94E+02	Gas 1		744	NO
TXDiamondS hamrockMcK ee	B-6 (Boiler #13)	CO	5.17E+02	Gas 1		745	NO
PACraftMast er	No1 Boiler Source ID 031	CO	6.00E+02	Gas 1		746	NO
TXTiconaPol ymersBishop	Power Boiler 12	CO	6.46E+02	Gas 1		747	NO
IDPotlatchLe wiston	4 Power Boiler	CO	1.01E+03	Gas 1		748	NO
ORGeorgiaP acificWauna Mill	EU34 - Package Boiler	CO	1.31E+03	Gas 1		749	NO
OHHondaMA P	Boiler House Boiler 1	CO	1.33E+03	Gas 1		750	NO
ARGBPMorri lton	SN-14	CO	1.68E+03	Gas 1		751	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXOxyVinyls Pasadena	F4 Boiler	CO	3.22E+03	Gas 1		752	NO
ORGPToledo	EU18 - Power Boiler #3	CO	3.35E+03	Gas 1		753	NO
CATesoro	S-917 Furnace 17	CO	3.40E+03	Gas 1		754	NO
IAAlcoaDave nport	CFRN21	CO	5.83E+03	Gas 1		755	NO
INNucorSteel	Cold Mill Annealing	CO	9.01E-02	Gas 1	y	1	YES
CORockyMtn Steel212	Rod/Bar Mill Furnace 950PPB088	CO	5.03E-01	Gas 1	y	2	YES
MDSeverstal Sparrows	CRM Batch Annealing Furnaces	CO	1.35E+00	Gas 1	y	3	NO
UTWestingh ouse	202	CO	1.39E+01	Gas 1	y	4	NO
NYArcelorMit tal	Hot Dip Galvanizing Despatch Furnace	CO	2.42E+01	Gas 1	y	5	NO
INAlcoaWarri ck	Annealing Furnace #15	CO	2.80E+01	Gas 1	y	6	NO
INAlcoaWarri ck	Pre-Heat Furnace #36	CO	2.80E+01	Gas 1	y	7	NO
IAAlcoaDave nport	PFRN04	CO	4.69E+01	Gas 1	y	8	NO
MDSeverstal Sparrows	Box Annealing Furnaces	CO	7.17E+01	Gas 1	y	9	NO
INOutokump uStainlessPI ate	Heppenstall Annealing Furnace	CO	8.74E+01	Gas 1	y	10	NO
IAAlcoaDave nport	PFRN03	CO	1.09E+02	Gas 1	y	11	NO
ILUSSGranit eCity	No. 8 Galvanizing Line Furnace	CO	1.44E+02	Gas 1	y	12	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
INArcelorMittalBurnsHarbor	Hot Dip Coating Line Annealing Furnace	CO	1.46E+02	Gas 1	y	13	NO
WICharterSteel	P31	CO	3.05E+02	Gas 1	y	14	NO
WVAIcanRavenswood	Salem 12-Zone Heat Treat (008P102)	CO	1.25E+03	Gas 1	y	15	NO
LAShellChemicaGeismar	Furnace F-S801	CO	1.29E-02	Gas 2		1	YES
TXEquistarChemicals	UTBLRG	CO	2.11E-02	Gas 2		2	YES
TXFlintHillsPortArthur	LOUBOILER 10	CO	8.00E-02	Gas 2		3	YES
TXEquistarChanelview	F38001A	CO	1.00E-01	Gas 2		4	YES
TXEquistarChanelview	F38001B	CO	1.00E-01	Gas 2		5	YES
TXFlintHillsPortArthur	LOUBOILER 9	CO	1.00E-01	Gas 2		6	YES
TXLyondellChanelview	F6101	CO	1.00E-01	Gas 2		7	YES
TXLyondellChanelview	F6105	CO	1.00E-01	Gas 2		8	YES
TXEquistarChanelview	F4601	CO	1.10E-01	Gas 2		9	YES
TXLyondellChanelview	F6103	CO	1.10E-01	Gas 2		10	NO
TXLyondellChanelview	F6104	CO	1.10E-01	Gas 2		11	NO
TXEquistarCorpusChristi	4D	CO	1.35E-01	Gas 2		12	NO
TXLyondellPasadena	B-901	CO	1.35E-01	Gas 2		13	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXLyondellP asadena	B-902A	CO	1.35E-01	Gas 2		14	NO
TXLyondellP asadena	B-902B	CO	1.35E-01	Gas 2		15	NO
TXChevronB aytown	H-1530	CO	1.70E-01	Gas 2		16	NO
TXEquistarC orpusChristi	5A	CO	1.80E-01	Gas 2		17	NO
TXHuntsman PortNeches	A3 Furnace H-A3-1A	CO	2.02E-01	Gas 2		18	NO
MDSeverstal Sparrows	1BLR (No. 1 Boiler)	CO	2.57E-01	Gas 2		19	NO
LAAmericas Styrenics	HS-4201	CO	3.09E-01	Gas 2		20	NO
LAAmericas Styrenics	HS-4219	CO	3.09E-01	Gas 2		21	NO
INArcelorMitt alBurnsHarb or	No. 7 Boiler	CO	4.06E-01	Gas 2		22	NO
LAShellChe micaGeismar	Furnace F- S2881	CO	5.22E-01	Gas 2		23	NO
TXEquistarC orpusChristi	4B	CO	5.41E-01	Gas 2		24	NO
LAAmericas Styrenics	HS-2201	CO	7.49E-01	Gas 2		25	NO
LAAmericas Styrenics	HS-2219	CO	7.49E-01	Gas 2		26	NO
SCBMWMan ufacturingCo	HB03	CO	8.66E-01	Gas 2		27	NO
TXLyondellC hannelview	F6102	CO	8.77E-01	Gas 2		28	NO
TXChevronB aytown	BF-801A	CO	8.90E-01	Gas 2		29	NO
TXEquistarC hannelview	F48001A	CO	8.93E-01	Gas 2		30	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXEquistarC hannelview	F48001B	CO	8.93E-01	Gas 2		31	NO
TXLyondellC hannelview	F67800	CO	1.00E+00	Gas 2		32	NO
TXLyondellC hannelview	F96800	CO	1.00E+00	Gas 2		33	NO
TXHuntsman PortNeches	A3 Furnace H-A3-1D	CO	1.16E+00	Gas 2		34	NO
TXHuntsman PortNeches	A3 Furnace H-A3-1G	CO	1.30E+00	Gas 2		35	NO
TXEastmanC hemLongvie w	OL044H5A	CO	1.35E+00	Gas 2		36	NO
TXEquistarC hannelview	F3601	CO	1.62E+00	Gas 2		37	NO
WVMountain StateCarbon Follansbee	S5	CO	2.42E+00	Gas 2		38	NO
MDSeverstal Sparrows	3BLR	CO	2.71E+00	Gas 2		39	NO
ARAlbemarle South	SN-BH-02	CO	3.12E+00	Gas 2		40	NO
WVMountain StateCarbon Follansbee	S1	CO	3.55E+00	Gas 2		41	NO
TXHuntsman PortNeches	A3 Furnace H-A3-1E	CO	5.23E+00	Gas 2		42	NO
TXEquistarC orpusChristi	1J	CO	5.23E+00	Gas 2		43	NO
TXFlintHillsP ortArthur	LOUHEATE R1	CO	6.00E+00	Gas 2		44	NO
TXHuntsman PortNeches	A3 Furnace H-A3-1B	CO	7.71E+00	Gas 2		45	NO
WIGPGreen Bay2818	B29 - Fluidized Bed Boiler #9	CO	8.48E+00	Gas 2		46	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXEquistarChemicals	UTBLRH	CO	1.04E+01	Gas 2		47	NO
TXEastmanChemLongview	OL032H5B	CO	1.26E+01	Gas 2		48	NO
INRollsRoyceIndianapolis	70-65	CO	1.29E+01	Gas 2		49	NO
ARAlbemarleSouth	SN-BH-01	CO	1.38E+01	Gas 2		50	NO
TXEastmanChemLongview	OL033H5B	CO	1.40E+01	Gas 2		51	NO
TXHuntsmanPortNeches	Boiler HK-11	CO	1.61E+01	Gas 2		52	NO
LAAmericasStyrenics	HB-302	CO	1.83E+01	Gas 2		53	NO
LALakeCharlesChemical	LAB-LH-3 (Hot Oil Heater)	CO	2.24E+01	Gas 2		54	NO
TXFlintHillsOdesa	F-Boiler	CO	2.34E+01	Gas 2		55	NO
NJAPIFoils	2	CO	2.66E+01	Gas 2		56	NO
TXChevronBaytown	BA-651	CO	2.80E+01	Gas 2		57	NO
TXChevronBaytown	BF-801B	CO	3.21E+01	Gas 2		58	NO
LAAmericasStyrenics	HS-1101	CO	3.22E+01	Gas 2		59	NO
TXHuntsmanPortNeches	PO Boiler H-K2-003	CO	4.09E+01	Gas 2		60	NO
TXChevronBaytown	H-3	CO	4.31E+01	Gas 2		61	NO
TXFlintHillsOdesa	B-Boiler	CO	4.98E+01	Gas 2		62	NO
TXEquistarChanelview	F3701	CO	1.06E+02	Gas 2		63	NO
TXFlintHillsOdesa	A-Boiler	CO	1.08E+02	Gas 2		64	NO
INTateLyleSagamore	21B501	CO	1.23E+02	Gas 2		65	NO
TXGoodyearBeaumont	B106	CO	1.32E+02	Gas 2		66	NO
LAGPPortHudson	EQT0100 - Power Boiler No. 5	CO	1.38E+02	Gas 2		67	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
TXHuntsman PortNeches	A3 Furnace H-A3-1H	CO	1.70E+02	Gas 2		68	NO
TXChevronB aytown	BA-401	CO	2.01E+02	Gas 2		69	NO
TXBorger	Boiler 1	CO	2.84E+02	Gas 2		70	NO
TXBorger	Boiler 2	CO	2.84E+02	Gas 2		71	NO
TXEquistarC orpusChristi	3A	CO	1.35E+03	Gas 2		72	NO
TXHuntsman PortNeches	A3 Furnace H-A3-1J	CO	2.75E+03	Gas 2		73	NO
TXHuntsman PortNeches	A3 Furnace H-A3-1C	CO	2.87E+03	Gas 2		74	NO
TXHuntsman PortNeches	A3 Furnace H-A3-1F	CO	3.32E+03	Gas 2		75	NO
SCDAKAmer icas	P8F	CO	5.15E-02	Liquid		1	YES
ORGeorgiaP acificWauna Mill	EU33 - Power Boiler	CO	1.25E-01	Liquid		2	YES
NJSunocoW estville	Boiler #8	CO	1.28E-01	Liquid		3	YES
NJSunocoW estville	Boiler #7	CO	1.97E-01	Liquid		4	YES
NENebraska CityStation	Auxiliary Boiler 2	CO	2.73E-01	Liquid		5	YES
NJSunocoW estville	Boiler #5	CO	2.99E-01	Liquid		6	YES
SCGPChem Russellville	FO Boiler	CO	3.73E-01	Liquid		7	YES
NJMerckRah way	E750009 - Boiler #9	CO	5.15E-01	Liquid		8	YES
OHOSUColu mbus	B140	CO	5.44E-01	Liquid		9	YES
NCCampLej euneMCB	C-CG-650- 84B	CO	5.67E-01	Liquid		10	YES
VADominion PossumPoint	Aux. Boiler 001	CO	6.29E-01	Liquid		11	YES
PAKeystone PowerPlantS helocta	Aux Boiler A	CO	7.59E-01	Liquid		12	YES
NJSunocoW estville	Boiler #6	CO	8.55E-01	Liquid		13	YES
NCCampLej euneMCB	C-CG-650- 83B	CO	8.67E-01	Liquid		14	YES
ALCibaMcInt osh	Boiler # 6	CO	8.84E-01	Liquid		15	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
NYConEd59t hStStationNe wYork	Boiler 118	CO	1.17E+00	Liquid		16	NO
MEPioneerPI astics	Boiler #4	CO	1.28E+00	Liquid		17	NO
NCavoca	H-101	CO	1.29E+00	Liquid		18	NO
NCavoca	H-102	CO	1.29E+00	Liquid		19	NO
NJMerckRah way	E750010 - Boiler #10	CO	1.29E+00	Liquid		20	NO
WI3MMeno monie	P04 ABCO east boiler	CO	1.29E+00	Liquid		21	NO
WI3MMeno monie	P05 ABCO west boiler	CO	1.29E+00	Liquid		22	NO
MANewarkA merica	Boiler #2	CO	1.32E+00	Liquid		23	NO
NJMerckRah way	E750005 - Boiler #5	CO	1.33E+00	Liquid		24	NO
OHOSUColu mbus	B143	CO	1.40E+00	Liquid		25	NO
GAGPCellulo seBrunswick	U706 -- No. 6 Power Boiler	CO	1.45E+00	Liquid		26	NO
WIGPGreen Bay2818	B10 - Wastepaper Sludge-Fired Boiler 10	CO	1.50E+00	Liquid		27	NO
PAUnitedRef iningWarrant	55	CO	1.53E+00	Liquid		28	NO
MNMinnesot aSoybeanPr ocessors	Boiler 1 EU026	CO	1.53E+00	Liquid		29	NO
MNMinnesot aSoybeanPr ocessors	Boiler 2 EU027	CO	1.53E+00	Liquid		30	NO
INUSSteelG aryWorks	O4B10459	CO	1.60E+00	Liquid		31	NO
NJMerckRah way	E750003 - Boiler #3	CO	1.67E+00	Liquid		32	NO
PAUnitedRef iningWarrant	49	CO	1.82E+00	Liquid		33	NO
WVCytec	830X Boiler #1	CO	2.12E+00	Liquid		34	NO
ARGPChem Crossett89	SN-05	CO	2.15E+00	Liquid		35	NO
NDADMNort hernSun	EU62	CO	2.19E+00	Liquid		36	NO
NJChambers Cogen	Auxiliary Boiler	CO	2.22E+00	Liquid		37	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
PACrombyG eneratingSta tion	033 - Auxiliary Boiler	CO	2.48E+00	Liquid		38	NO
OHUSEnrich mentCorpPik eton	X-6002 Boiler No. 2 (South)	CO	2.57E+00	Liquid		39	NO
WI3MMeno monie	P01 Kewaunee steam boiler	CO	2.57E+00	Liquid		40	NO
PAKeystone PowerPlantS helocta	Aux Boiler B	CO	3.16E+00	Liquid		41	NO
MEVersoPap erAndroscog gin	Power Boiler No. 2	CO	3.40E+00	Liquid		42	NO
MEVersoPap erAndroscog gin	Power Boiler No. 1	CO	3.40E+00	Liquid		43	NO
OHUSEnrich mentCorpPik eton	X-6002 Boiler No. 1 (North)	CO	3.85E+00	Liquid		44	NO
PAConemaugh PowerPla ntNewFloren ce	Aux Boiler B	CO	4.17E+00	Liquid		45	NO
TNMilanArm yAmmunition Plant	D88L-1, Source #27- 0010-86	CO	4.20E+00	Liquid		46	NO
VABAENorfo lk	010	CO	4.29E+00	Liquid		47	NO
CAAerojet	38008 BR 01 (PO 14611)(C- 10008)	CO	4.33E+00	Liquid		48	NO
VAUniversity ofVirginia	7103-1-04R	CO	4.47E+00	Liquid		49	NO
NJMerckRah way	E750011 - Boiler #11	CO	4.87E+00	Liquid		50	NO
MOMcDonne IDouglasStLo uis	102-5	CO	5.54E+00	Liquid		51	NO
PABoeingRid leyPark	033	CO	5.55E+00	Liquid		52	NO
WI3MMeno monie	P02 Kewaunee HW boiler	CO	5.58E+00	Liquid		53	NO
OHOSUColu mbus	B141	CO	5.62E+00	Liquid		54	NO
SCDuPontTe ijinFlorence	Boiler #1	CO	5.99E+00	Liquid		55	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
AREvergreenPackaging	PB2	CO	6.12E+00	Liquid		56	NO
MDUofMaryland	H	CO	6.43E+00	Liquid		57	NO
MIPfizerGlobal1179	EUBoiler5	CO	6.98E+00	Liquid		58	NO
MDUofMaryland	B	CO	7.72E+00	Liquid		59	NO
NJMerckRahway	E750012 - Boiler #12	CO	7.95E+00	Liquid		60	NO
WIWRREnvironmental	B#4	CO	8.08E+00	Liquid		61	NO
MEFPLEnergyWyman	Unit #5	CO	8.20E+00	Liquid		62	NO
FLOkeelanta268	Boiler No. 16	CO	8.39E+00	Liquid		63	NO
VANewportNewsShipbuildingDryDock	78-E1	CO	8.71E+00	Liquid		64	NO
TNInvistaChattanooga	EU003 - Vaporizer #2	CO	9.40E+00	Liquid		65	NO
ILJLMChemicalsBlueland	Boiler 1	CO	9.66E+00	Liquid		66	NO
SCDuPontTijinFlorence	Boiler #2	CO	9.83E+00	Liquid		67	NO
LAAmericasStyrenics	HS-301A	CO	9.86E+00	Liquid		68	NO
NJVinelandMuniElectric-HowardDow	Unit 9	CO	1.06E+01	Liquid		69	NO
PAUnitedRefiningWarrant	50	CO	1.08E+01	Liquid		70	NO
MDUofMaryland	EU 001-4	CO	1.14E+01	Liquid		71	NO
MIConsumerEnergyCo-Campbell	EUAUXBLR12	CO	1.18E+01	Liquid		72	NO
NJDSMNutritional	Boiler 4	CO	1.21E+01	Liquid		73	NO
OHOSUColumbus	B142	CO	1.28E+01	Liquid		74	NO
HIPuuneneSugarMill	Boiler 3	CO	1.33E+01	Liquid		75	NO
WIWRREnvironmental	B#3	CO	1.35E+01	Liquid		76	NO

APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
LAAmericas Styrenics	HS-301B	CO	1.36E+01	Liquid		77	NO
LAAmericas Styrenics	HS-301C	CO	1.36E+01	Liquid		78	NO
LAWestlake Styrene	1-97	CO	1.41E+01	Liquid		79	NO
VAUniversity ofVirginia	7103-1-03R	CO	1.46E+01	Liquid		80	NO
WAGPCama s	No. 5 Power Boiler	CO	1.74E+01	Liquid		81	NO
WVCytec	831X Boiler #2	CO	1.91E+01	Liquid		82	NO
AREvergree nPackaging	PB1	CO	2.10E+01	Liquid		83	NO
MDUofMaryl and	EU 001-2	CO	2.21E+01	Liquid		84	NO
KSGMFairfa x	Boiler No.1	CO	2.25E+01	Liquid		85	NO
NDADMNort hernSun	EU21	CO	2.27E+01	Liquid		86	NO
MN3MCenter	EU 043	CO	2.39E+01	Liquid		87	NO
MAUMass	EU#7	CO	2.47E+01	Liquid		88	NO
MAMirantCa nal	Aux Boiler B	CO	2.57E+01	Liquid		89	NO
COKodakWi ndsor	Boiler 71	CO	2.63E+01	Liquid		90	NO
COKodakWi ndsor	Boiler 72	CO	2.63E+01	Liquid		91	NO
PAAppleton Papers	#033	CO	3.31E+01	Liquid		92	NO
OHADMFost oria1778	B005	CO	3.40E+01	Liquid		93	NO
MAMirantCa nal	Aux Boiler A	CO	3.93E+01	Liquid		94	NO
NJDSMNutrit ional	Boiler 3	CO	4.15E+01	Liquid		95	NO
IACargillIowa Falls	EP 26	CO	4.34E+01	Liquid		96	NO
NJDSMNutrit ional	Boiler 2	CO	4.40E+01	Liquid		97	NO
NCDomtar	66-25-2050 (No. 1 Package Boiler)	CO	4.91E+01	Liquid		98	NO
WI3MMeno monie	P03 Cleaver Brooks HW boiler	CO	5.45E+01	Liquid		99	NO
MIPfizerGlob al1179	EUBoiler3	CO	6.15E+01	Liquid		100	NO



APPENDIX C-2 Emission Test and Fuel Analysis Data Ranked for MACT Floor Analysis According to Fuel Type

Table 7 - CO Fuel by Floor

FacilityID	CombustorID _common	Pollutant_ Name	ppm @ 3% O2	MACT Floor FuelCat	Metal Furnace?	Rank	In top 12 pct?
PAConemaughPowerPlantNewFlorence	Aux Boiler A	CO	6.18E+01	Liquid		101	NO
MNNSPKingGenPlantCTElectricBoat	Auxiliary Boiler (EU 028)	CO	6.39E+01	Liquid		102	NO
VAUniversityofVirginia	EMU 17	CO	7.20E+01	Liquid		103	NO
MNGPDuluth	5575-1-02 EU33 Boiler #3	CO	7.29E+01	Liquid		104	NO
VAUniversityofVirginia	5575-1-01	CO	7.78E+01	Liquid		105	NO
VABAENorfolk	009	CO	8.02E+01	Liquid		106	NO
VACloverPowerStation	ES-3	CO	8.04E+01	Liquid		107	NO
VAUniversityofVirginia	5575-1-03	CO	8.68E+01	Liquid		108	NO
NCInvistaHwy421	B7600	CO	9.24E+01	Liquid		109	NO
VAUniversityofVirginia	5575-1-04	CO	9.89E+01	Liquid		110	NO
OHSolaeBellvue	B010A	CO	1.06E+02	Liquid		111	NO
ORIPSpringfield	Power Boiler	CO	1.89E+02	Liquid		112	NO
SCMilliken-Dewey	D30	CO	5.52E+02	Liquid		113	NO
MIPfizerGlobal1179	EUBoiler1B	CO	7.20E+02	Liquid		114	NO
ILCognisCorp	Boiler #2	CO	7.46E+02	Liquid		115	NO
			7.71E+04	Liquid		116	NO