

US Department of Labor/OSHA WTC Air Sampling Activity

grouped by sector and date sampled and sorted by sampling # and submission #

SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	9/30/01												
913580015	93001TG3	20010930	P08859	Total Fibers	Personal	WEST	OPERATING ENGINEER	283	F	0	0	0	0
913580023	93001TG1	20010930	P08857	Asbestos (all forms)	Personal	WEST	EXCVATOR OPERATOR	332	F	0.003	0.0021	0.1	0.02075
913580023	93001TG1	20010930	P08857	Total Fibers	Personal	WEST	EXCVATOR OPERATOR	332	F	0.037	0.026	0	0
913580031	93001TG2	20010930	P08858	Asbestos (all forms)	Personal	WEST	EXCAVATOR OPERATOR	231	F	0.004	0.0019	0.1	0.01925
913580031	93001TG2	20010930	P08858	Total Fibers	Personal	WEST	EXCAVATOR OPERATOR	231	F	0.056	0.027	0	0
914590666	93001LL-4	20010930	D09626	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	0.5	0
914590666	93001LL-4	20010930	D09626	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	0.002	0
914590666	93001LL-4	20010930	D09626	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	0.005	0
914590666	93001LL-4	20010930	D09626	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	1	0
914590666	93001LL-4	20010930	D09626	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	0.1	0
914590666	93001LL-4	20010930	D09626	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0.017986	0.0074	0.1	0.0738175
914590666	93001LL-4	20010930	D09626	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	1.4991453	0.62	10	0.0615274
914590666	93001LL-4	20010930	D09626	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	0.05	0
914590666	93001LL-4	20010930	D09626	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0.0119264	0.012	5	0.0023853
914590666	93001LL-4	20010930	D09626	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	15	0

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grouped by sector and date sampled and sorted by sampling # and submission #

SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	9/30/01												
914590666	93001LL-4	20010930	D09626	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	1	0
914590666	93001LL-4	20010930	D09626	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	0.1	0
914590666	93001LL-4	20010930	D09626	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	197	M	0	0	5	0
914590674	93001LL-2	20010930	D09624	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	0.5	0
914590674	93001LL-2	20010930	D09624	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	0.002	0
914590674	93001LL-2	20010930	D09624	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	0.005	0
914590674	93001LL-2	20010930	D09624	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	1	0
914590674	93001LL-2	20010930	D09624	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	0.1	0
914590674	93001LL-2	20010930	D09624	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0.0089554	0.0026	0.1	0.0261199
914590674	93001LL-2	20010930	D09624	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0.5664638	0.17	10	0.0165219
914590674	93001LL-2	20010930	D09624	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0.0229321	0.0067	0.05	0.1337706
914590674	93001LL-2	20010930	D09624	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0.0062018	0.0062	5	0.0012404
914590674	93001LL-2	20010930	D09624	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	15	0
914590674	93001LL-2	20010930	D09624	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	1	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	9/30/01												
914590674	93001LL-2	20010930	D09624	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	0.1	0
914590674	93001LL-2	20010930	D09624	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	140	M	0	0	5	0
914590682	93001LL-3	20010930	D09625	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0	0	0.5	0
914590682	93001LL-3	20010930	D09625	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0	0	0.002	0
914590682	93001LL-3	20010930	D09625	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0	0	0.005	0
914590682	93001LL-3	20010930	D09625	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0	0	1	0
914590682	93001LL-3	20010930	D09625	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0	0	0.1	0
914590682	93001LL-3	20010930	D09625	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0.0143786	0.014	0.1	0.1356980
914590682	93001LL-3	20010930	D09625	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0.974756	0.92	10	0.0919926
914590682	93001LL-3	20010930	D09625	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0.0262975	0.025	0.05	0.4963653
914590682	93001LL-3	20010930	D09625	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0.0090618	0.0091	5	0.0018124
914590682	93001LL-3	20010930	D09625	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0	0	15	0
914590682	93001LL-3	20010930	D09625	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0	0	1	0
914590682	93001LL-3	20010930	D09625	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0	0	0.1	0
914590682	93001LL-3	20010930	D09625	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	453	M	0.0366506	0.035	5	0.0069178

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	9/30/01												
914590690	93001LL-1	20010930	D09623	Antimony and Compounds (as Sb)	Area	WEST		377	M	0	0	0.5	0
914590690	93001LL-1	20010930	D09623	Beryllium and Beryllium Compounds (as Be)	Area	WEST		377	M	0	0	0.002	0
914590690	93001LL-1	20010930	D09623	Cadmium	Area	WEST		377	M	0	0	0.005	0
914590690	93001LL-1	20010930	D09623	Chromium, Metal and Insoluble Salts	Area	WEST		377	M	0	0	1	0
914590690	93001LL-1	20010930	D09623	Cobalt, Metal, Dust and Fume (as Co)	Area	WEST		377	M	0	0	0.1	0
914590690	93001LL-1	20010930	D09623	Copper Fume (as Cu)	Area	WEST		377	M	0.0081359	0.0064	0.1	0.0639007
914590690	93001LL-1	20010930	D09623	Iron Oxide Fume	Area	WEST		377	M	0.7728108	0.61	10	0.0606979
914590690	93001LL-1	20010930	D09623	Lead, Inorganic (as Pb)	Area	WEST		377	M	0	0	0.05	0
914590690	93001LL-1	20010930	D09623	Manganese Fume (as Mn)	Area	WEST		377	M	0.0088601	0.0089	5	0.0017720
914590690	93001LL-1	20010930	D09623	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Area	WEST		377	M	0	0	15	0
914590690	93001LL-1	20010930	D09623	Nickel, Metal and Insoluble compounds (as Ni)	Area	WEST		377	M	0	0	1	0
914590690	93001LL-1	20010930	D09623	Vanadium fume (as V2O5)	Area	WEST		377	M	0	0	0.1	0
914590690	93001LL-1	20010930	D09623	Zinc Oxide Fume	Area	WEST		377	M	0	0	5	0
Date Sampled	10/1/01												
913279022	101MG001	20011001	D09702	Asbestos (all forms)	Personal	WEST	IRONWORKER	316	F	0	0	0.1	0
913279022	101MG001	20011001	D09702	Total Fibers	Personal	WEST	IRONWORKER	316	F	0.052	0.034	0	0
913279048	101MG002	20011001	D09703	Asbestos (all forms)	Personal	WEST	IRONWORKER	316	F	0	0	0.1	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/1/01												
913279048	101MG002	20011001	D09703	Total Fibers	Personal	WEST	IRONWORKER	316	F	0.055	0.036	0	0
913279105	101KD02	20011001	D09705	Asbestos (all forms)	Personal	WEST	APPRENTICE IRONWORKER	296	F	0	0	0.1	0
913279105	101KD02	20011001	D09705	Total Fibers	Personal	WEST	APPRENTICE IRONWORKER	296	F	0.06	0.037	0	0
914590708	101DB101	20011001	P08840	Asbestos (all forms)	Personal	WEST	IRONWORKER	203	F	0	0	0.1	0
914590708	101DB101	20011001	P08840	Total Fibers	Personal	WEST	IRONWORKER	203	F	0	0	0	0
914590708	101DB102	20011001	P08841	Asbestos (all forms)	Personal	WEST	IRONWORKER	182	F	0	0	0.1	0
914590708	101DB102	20011001	P08841	Total Fibers	Personal	WEST	IRONWORKER	182	F	0	0	0	0
914590732	101DB301	20011001	D09638	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0	0	0.5	0
914590732	101DB301	20011001	D09638	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0	0	0.002	0
914590732	101DB301	20011001	D09638	Cadmium	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0	0	0.005	0
914590732	101DB301	20011001	D09638	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0	0	1	0
914590732	101DB301	20011001	D09638	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0	0	0.1	0
914590732	101DB301	20011001	D09638	Copper Fume (as Cu)	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0.0062174	0.0026	0.1	0.0262944
914590732	101DB301	20011001	D09638	Iron Oxide Fume	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0.9207507	0.55	10	0.0546664
914590732	101DB301	20011001	D09638	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0	0	0.05	0
914590732	101DB301	20011001	D09638	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0	0	5	0
914590732	101DB301	20011001	D09638	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER- BURNER/CUTTER	203	M	0	0	15	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/1/01												
914590732	101DB301	20011001	D09638	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	203	M	0	0	1	0
914590732	101DB301	20011001	D09638	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	203	M	0	0	0.1	0
914590732	101DB301	20011001	D09638	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	203	M	0	0	5	0
914590732	101DB302	20011001	D09639	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	0.5	0
914590732	101DB302	20011001	D09639	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	0.002	0
914590732	101DB302	20011001	D09639	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	0.005	0
914590732	101DB302	20011001	D09639	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	1	0
914590732	101DB302	20011001	D09639	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	0.1	0
914590732	101DB302	20011001	D09639	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0.0026	0.1	0.0262944
914590732	101DB302	20011001	D09639	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0.4147599	0.55	10	0.0546664
914590732	101DB302	20011001	D09639	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	0.05	0
914590732	101DB302	20011001	D09639	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	5	0
914590732	101DB302	20011001	D09639	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	15	0
914590732	101DB302	20011001	D09639	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	1	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/1/01												
914590732	101DB302	20011001	D09639	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	0.1	0
914590732	101DB302	20011001	D09639	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	182	M	0	0	5	0
914590740	O485	20011002	P08830	Gravimetric Determination	Personal	WEST	LABORER-CLEAN UP	380	M	0.9071	0.72	0	0
914590740	O485	20011002	P08830	Silica, Crystalline Cristobalite, Respirable Dust	Personal	WEST	LABORER-CLEAN UP	380	X	0	0	0	0
914590740	O485	20011002	P08830	Silica, Crystalline Quartz, Respirable Dust	Personal	WEST	LABORER-CLEAN UP	380	X	0	0.71814	5	0.1436275
Date Sampled	10/2/01												
911684702	102KD07	20011002	D09745	Antimony and Compounds (as Sb)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	0.5	0
911684702	102KD07	20011002	D09745	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	0.002	0
911684702	102KD07	20011002	D09745	Cadmium	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	0.005	0
911684702	102KD07	20011002	D09745	Chromium, Metal and Insoluble Salts	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	1	0
911684702	102KD07	20011002	D09745	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	0.1	0
911684702	102KD07	20011002	D09745	Copper Fume (as Cu)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	0.1	0
911684702	102KD07	20011002	D09745	Iron Oxide Fume	Personal	WEST	TORCH CUTTER/BURNING	469	M	0.2533467	0.25	10	0.0253347
911684702	102KD07	20011002	D09745	Lead, Inorganic (as Pb)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	0.05	0
911684702	102KD07	20011002	D09745	Manganese Fume (as Mn)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0.0082633	0.0083	5	0.0016527

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AMEC													
Date Sampled	10/2/01												
911684702	102KD07	20011002	D09745	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	15	0
911684702	102KD07	20011002	D09745	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	1	0
911684702	102KD07	20011002	D09745	Vanadium fume (as V2O5)	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	0.1	0
911684702	102KD07	20011002	D09745	Zinc Oxide Fume	Personal	WEST	TORCH CUTTER/BURNING	469	M	0	0	5	0
912995099	102KG06	20011002	D09746	Antimony and Compounds (as Sb)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	0.5	0
912995099	102KG06	20011002	D09746	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	0.002	0
912995099	102KG06	20011002	D09746	Cadmium	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	0.005	0
912995099	102KG06	20011002	D09746	Chromium, Metal and Insoluble Salts	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	1	0
912995099	102KG06	20011002	D09746	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	0.1	0
912995099	102KG06	20011002	D09746	Copper Fume (as Cu)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	0.1	0
912995099	102KG06	20011002	D09746	Iron Oxide Fume	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	10	0
912995099	102KG06	20011002	D09746	Lead, Inorganic (as Pb)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	0.05	0
912995099	102KG06	20011002	D09746	Manganese Fume (as Mn)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	5	0
912995099	102KG06	20011002	D09746	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	15	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/2/01												
912995099	102KG06	20011002	D09746	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	1	0
912995099	102KG06	20011002	D09746	Vanadium fume (as V2O5)	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	0.1	0
912995099	102KG06	20011002	D09746	Zinc Oxide Fume	Personal	WEST	TORCH CUTTER/BURNING	484	M	0	0	5	0
913279089	102MG001	20011002	D09744	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	0.5	0
913279089	102MG001	20011002	D09744	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	0.002	0
913279089	102MG001	20011002	D09744	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	0.005	0
913279089	102MG001	20011002	D09744	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	1	0
913279089	102MG001	20011002	D09744	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	0.1	0
913279089	102MG001	20011002	D09744	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	0.1	0
913279089	102MG001	20011002	D09744	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0.0600439	0.06	10	0.0060044
913279089	102MG001	20011002	D09744	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	0.05	0
913279089	102MG001	20011002	D09744	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	5	0
913279089	102MG001	20011002	D09744	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	15	0
913279089	102MG001	20011002	D09744	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	1	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/2/01												
913279039	102MG001	20011002	D09744	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	0.1	0
913279039	102MG001	20011002	D09744	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	459	M	0	0	5	0
914448022	102MB1	20011002	D09683	Antimony and Compounds (as Sb)	Area	WEST		237	M	0	0	0.5	0
914448022	102MB1	20011002	D09683	Beryllium and Beryllium Compounds (as Be)	Area	WEST		237	M	0	0	0.002	0
914448022	102MB1	20011002	D09683	Cadmium	Area	WEST		237	M	0	0	0.005	0
914448022	102MB1	20011002	D09683	Chromium, Metal and Insoluble Salts	Area	WEST		237	M	0	0	1	0
914448022	102MB1	20011002	D09683	Cobalt, Metal, Dust and Fume (as Co)	Area	WEST		237	M	0	0	0.1	0
914448022	102MB1	20011002	D09683	Copper Fume (as Cu)	Area	WEST		237	M	0.01345	0.013	0.1	0.1345
914448022	102MB1	20011002	D09683	Iron Oxide Fume	Area	WEST		237	M	3.2770114	3.3	10	0.3277011
914448022	102MB1	20011002	D09683	Lead, Inorganic (as Pb)	Area	WEST		237	M	0	0	0.05	0
914448022	102MB1	20011002	D09683	Manganese Fume (as Mn)	Area	WEST		237	M	0.0203549	0.02	5	0.004071
914448022	102MB1	20011002	D09683	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Area	WEST		237	M	0	0	15	0
914448022	102MB1	20011002	D09683	Nickel, Metal and Insoluble compounds (as Ni)	Area	WEST		237	M	0	0	1	0
914448022	102MB1	20011002	D09683	Vanadium fume (as V2O5)	Area	WEST		237	M	0	0	0.1	0
914448022	102MB1	20011002	D09683	Zinc Oxide Fume	Area	WEST		237	M	0.2738262	0.27	5	0.0547652
914448030	102MB3	20011002	D09685	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	0.5	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/2/01												
914448030	102MB3	20011002	D09685	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	0.002	0
914448030	102MB3	20011002	D09685	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	0.005	0
914448030	102MB3	20011002	D09685	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	1	0
914448030	102MB3	20011002	D09685	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	0.1	0
914448030	102MB3	20011002	D09685	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0.0065827	0.0066	0.1	0.065827
914448030	102MB3	20011002	D09685	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0.5699626	0.57	10	0.0569963
914448030	102MB3	20011002	D09685	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0.0081931	0.0082	0.05	0.163862
914448030	102MB3	20011002	D09685	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0.0050015	0.005	5	0.0010003
914448030	102MB3	20011002	D09685	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	15	0
914448030	102MB3	20011002	D09685	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	1	0
914448030	102MB3	20011002	D09685	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	0.1	0
914448030	102MB3	20011002	D09685	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	404	M	0	0	5	0
Date Sampled	10/3/01												
914448055	103MB01	20011003	D09760	Asbestos (all forms)	Bulk	WEST			%	0	0.004	0.1	0.0404688
914448055	A789288	20011003	D09757	Asbestos (all forms)	Area	WEST		259	F	0.006	0.004	0.1	0.0404688
914448055	A789288	20011003	D09757	Total Fibers	Area	WEST		259	F	0.028	0.036	0	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/3/01												
914448055	A789291	20011003	D09756	Asbestos (all forms)	Area	WEST		125	F	0	0.004	0.1	0.0404688
914448055	A789291	20011003	D09756	Total Fibers	Area	WEST		125	F	0.052	0.036	0	0
914448063	1003MB2	20011003	D09735	Antimony and Compounds (as Sb)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	0.5	0
914448063	1003MB2	20011003	D09735	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	0.002	0
914448063	1003MB2	20011003	D09735	Cadmium	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	0.005	0
914448063	1003MB2	20011003	D09735	Chromium, Metal and Insoluble Salts	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	1	0
914448063	1003MB2	20011003	D09735	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	0.1	0
914448063	1003MB2	20011003	D09735	Copper Fume (as Cu)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	0.1	0
914448063	1003MB2	20011003	D09735	Iron Oxide Fume	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	10	0
914448063	1003MB2	20011003	D09735	Lead, Inorganic (as Pb)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	0.05	0
914448063	1003MB2	20011003	D09735	Manganese Fume (as Mn)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	5	0
914448063	1003MB2	20011003	D09735	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	15	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/3/01												
914448063	1003MB2	20011003	D09735	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	1	0
914448063	1003MB2	20011003	D09735	Vanadium fume (as V2O5)	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	0.1	0
914448063	1003MB2	20011003	D09735	Zinc Oxide Fume	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	157	M	0	0	5	0
914448071	V4839	20011003	P09009	Gravimetric Determination	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	154	M	0.2128	0.21	0	0
914448071	V4839	20011003	P09009	Silica, Crystalline Cristobalite, Respirable Dust	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	154	X	0	0	0	0
914448071	V4839	20011003	P09009	Silica, Crystalline Quartz, Respirable Dust	Personal	WEST	GRAPPLER/CLAW OPERATOR/OPERATING ENGINEER	154	X	0	0.21284	5	0.0425685
915028435	1003SH1	20011003	D09749	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.5	0
915028435	1003SH1	20011003	D09749	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.002	0
915028435	1003SH1	20011003	D09749	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.005	0
915028435	1003SH1	20011003	D09749	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	1	0
915028435	1003SH1	20011003	D09749	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.1	0
915028435	1003SH1	20011003	D09749	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0.0753215	0.021	0.1	0.2143278
915028435	1003SH1	20011003	D09749	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	6.2607279	2.3	10	0.2256054

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/3/01												
915028435	1003SH1	20011003	D09749	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.05	0
915028435	1003SH1	20011003	D09749	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0.0296518	0.031	5	0.0061553
915028435	1003SH1	20011003	D09749	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	15	0
915028435	1003SH1	20011003	D09749	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	1	0
915028435	1003SH1	20011003	D09749	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.1	0
915028435	1003SH1	20011003	D09749	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	5	0
915028435	1003SH2	20011003	D09750	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.5	0
915028435	1003SH2	20011003	D09750	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.002	0
915028435	1003SH2	20011003	D09750	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.005	0
915028435	1003SH2	20011003	D09750	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	1	0
915028435	1003SH2	20011003	D09750	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.1	0
915028435	1003SH2	20011003	D09750	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0.021	0.1	0.2143278
915028435	1003SH2	20011003	D09750	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	1.1568081	2.3	10	0.2256054
915028435	1003SH2	20011003	D09750	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.05	0
915028435	1003SH2	20011003	D09750	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0.031	5	0.0061553

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/3/01												
915028435	1003SH2	20011003	D09750	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	15	0
915028435	1003SH2	20011003	D09750	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	1	0
915028435	1003SH2	20011003	D09750	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	0.1	0
915028435	1003SH2	20011003	D09750	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	65	M	0	0	5	0
915028435	1003SH3	20011003	D09751	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	0.5	0
915028435	1003SH3	20011003	D09751	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	0.002	0
915028435	1003SH3	20011003	D09751	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	0.005	0
915028435	1003SH3	20011003	D09751	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	1	0
915028435	1003SH3	20011003	D09751	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	0.1	0
915028435	1003SH3	20011003	D09751	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0.021	0.1	0.2143278
915028435	1003SH3	20011003	D09751	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	1.7869112	2.3	10	0.2256054
915028435	1003SH3	20011003	D09751	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	0.05	0
915028435	1003SH3	20011003	D09751	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0.031	5	0.0061553
915028435	1003SH3	20011003	D09751	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	15	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/3/01												
915028435	1003SH3	20011003	D09751	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	1	0
915028435	1003SH3	20011003	D09751	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	0.1	0
915028435	1003SH3	20011003	D09751	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	35	M	0	0	5	0
915028435	1003SH4	20011003	D09752	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	0.5	0
915028435	1003SH4	20011003	D09752	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	0.002	0
915028435	1003SH4	20011003	D09752	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	0.005	0
915028435	1003SH4	20011003	D09752	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	1	0
915028435	1003SH4	20011003	D09752	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	0.1	0
915028435	1003SH4	20011003	D09752	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0.0383274	0.021	0.1	0.2143278
915028435	1003SH4	20011003	D09752	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	4.5082283	2.3	10	0.2256054
915028435	1003SH4	20011003	D09752	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	0.05	0
915028435	1003SH4	20011003	D09752	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0.0307765	0.031	5	0.0061553
915028435	1003SH4	20011003	D09752	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	15	0
915028435	1003SH4	20011003	D09752	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	1	0

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CITY_21MC100_003383599

US Department of Labor/OSHA WTC Air Sampling Activity

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/3/01												
915028435	1003SH4	20011003	D09752	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	0.1	0
915028435	1003SH4	20011003	D09752	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	85	M	0	0	5	0
915028435	1003SH5	20011003	D09753	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	0.5	0
915028435	1003SH5	20011003	D09753	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	0.002	0
915028435	1003SH5	20011003	D09753	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	0.005	0
915028435	1003SH5	20011003	D09753	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	1	0
915028435	1003SH5	20011003	D09753	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	0.1	0
915028435	1003SH5	20011003	D09753	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0.0147173	0.021	0.1	0.2143278
915028435	1003SH5	20011003	D09753	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	1.0691347	2.3	10	0.2256054
915028435	1003SH5	20011003	D09753	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	0.05	0
915028435	1003SH5	20011003	D09753	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0.008354	0.031	5	0.0061553
915028435	1003SH5	20011003	D09753	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	15	0
915028435	1003SH5	20011003	D09753	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	1	0
915028435	1003SH5	20011003	D09753	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	0.1	0
915028435	1003SH5	20011003	D09753	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	145	M	0	0	5	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/4/01												
914448089	103MB03	20011004	D09788	Antimony and Compounds (as Sb)	Area	WEST		466	M	0	0	0.5	0
914448089	103MB03	20011004	D09788	Beryllium and Beryllium Compounds (as Be)	Area	WEST		466	M	0	0	0.002	0
914448089	103MB03	20011004	D09788	Cadmium	Area	WEST		466	M	0	0	0.005	0
914448089	103MB03	20011004	D09788	Chromium, Metal and Insoluble Salts	Area	WEST		466	M	0	0	1	0
914448089	103MB03	20011004	D09788	Cobalt, Metal, Dust and Fume (as Co)	Area	WEST		466	M	0	0	0.1	0
914448089	103MB03	20011004	D09788	Copper Fume (as Cu)	Area	WEST		466	M	0	0	0.1	0
914448089	103MB03	20011004	D09788	Iron Oxide Fume	Area	WEST		466	M	0.2343414	0.23	10	0.0234341
914448089	103MB03	20011004	D09788	Lead, Inorganic (as Pb)	Area	WEST		466	M	0	0	0.05	0
914448089	103MB03	20011004	D09788	Manganese Fume (as Mn)	Area	WEST		466	M	0	0	5	0
914448089	103MB03	20011004	D09788	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Area	WEST		466	M	0	0	15	0
914448089	103MB03	20011004	D09788	Nickel, Metal and Insoluble compounds (as Ni)	Area	WEST		466	M	0	0	1	0
914448089	103MB03	20011004	D09788	Vanadium fume (as V2O5)	Area	WEST		466	M	0	0	0.1	0
914448089	103MB03	20011004	D09788	Zinc Oxide Fume	Area	WEST		466	M	0	0	5	0
914448097	A787699	20011004	D09815	Asbestos (all forms)	Area	WEST		86	F	0	0	0.1	0
914448097	A787699	20011004	D09815	Total Fibers	Area	WEST		86	F	0.084	0.036	0	0
914448097	A787700	20011004	D09816	Asbestos (all forms)	Area	WEST		115	F	0	0	0.1	0
914448097	A787700	20011004	D09816	Total Fibers	Area	WEST		115	F	0	0.036	0	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/4/01												
914448105	V4854	20011004	P09064	Gravimetric Determination	Area	WEST		466	M	0.4708	0.47	0	0
914448105	V4854	20011004	P09064	Particulates not otherwise regulated (Respirable Fra	Area	WEST		466	M	0.4708	0.47	5	0.09416
914448105	V4854	20011004	P09064	Silica, Crystalline Cristobalite, Respirable Dust	Area	WEST		466	X	0	0	0	0
914448105	V4854	20011004	P09064	Silica, Crystalline Quartz, Respirable Dust	Area	WEST		466	X	0	0.47084	5	0.0941681
914589551	104SH3	20011004	D09785	Antimony and Compounds (as Sb)	Area	WEST		303	M	0	0	0.5	0
914589551	104SH3	20011004	D09785	Beryllium and Beryllium Compounds (as Be)	Area	WEST		303	M	0	0	0.002	0
914589551	104SH3	20011004	D09785	Cadmium	Area	WEST		303	M	0	0	0.005	0
914589551	104SH3	20011004	D09785	Chromium, Metal and Insoluble Salts	Area	WEST		303	M	0	0	1	0
914589551	104SH3	20011004	D09785	Cobalt, Metal, Dust and Fume (as Co)	Area	WEST		303	M	0	0	0.1	0
914589551	104SH3	20011004	D09785	Copper Fume (as Cu)	Area	WEST		303	M	0	0	0.1	0
914589551	104SH3	20011004	D09785	Iron Oxide Fume	Area	WEST		303	M	0.3328741	0.21	10	0.0210127
914589551	104SH3	20011004	D09785	Lead, Inorganic (as Pb)	Area	WEST		303	M	0	0	0.05	0
914589551	104SH3	20011004	D09785	Manganese Fume (as Mn)	Area	WEST		303	M	0	0	5	0
914589551	104SH3	20011004	D09785	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Area	WEST		303	M	0	0	15	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/4/01												
914589551	104SH3	20011004	D09785	Nickel, Metal and Insoluble compounds (as Ni)	Area	WEST		303	M	0	0	1	0
914589551	104SH3	20011004	D09785	Vanadium fume (as V2O5)	Area	WEST		303	M	0	0	0.1	0
914589551	104SH3	20011004	D09785	Zinc Oxide Fume	Area	WEST		303	M	0	0	5	0
914589569	104SH1	20011004	D09783	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0	0	0.5	0
914589569	104SH1	20011004	D09783	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0	0	0.002	0
914589569	104SH1	20011004	D09783	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0	0	0.005	0
914589569	104SH1	20011004	D09783	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0	0	1	0
914589569	104SH1	20011004	D09783	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0	0	0.1	0
914589569	104SH1	20011004	D09783	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0.0140993	0.013	0.1	0.1298311
914589569	104SH1	20011004	D09783	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	1.3849866	1.3	10	0.1275342
914589569	104SH1	20011004	D09783	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0.0103489	0.0095	0.05	0.1905922
914589569	104SH1	20011004	D09783	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0.0098484	0.0098	5	0.0019697
914589569	104SH1	20011004	D09783	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0	0	15	0
914589569	104SH1	20011004	D09783	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0	0	1	0
914589569	104SH1	20011004	D09783	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0	0	0.1	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled	10/4/01												
914589569	104SH1	20011004	D09783	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	442	M	0.1984245	0.18	5	0.0365432
Date Sampled	10/5/01												
914448113	105MB1	20011005	P09083	Chlorodiphenyl (42% Cl)	Area	WEST		215	M	0	0	1	0
914448113	105MBB1	20011005	P09088	Chlorodiphenyl (42% Cl)	Bulk	WEST			%	0	0	1	0
914448113	105MBB2	20011005	P09089	Chlorodiphenyl (42% Cl)	Bulk	WEST			%	0	0	1	0
914448113	105MBB3	20011005	P09090	Chlorodiphenyl (42% Cl)	Bulk	WEST			%	0	0	1	0
914590294	V666	20011005	P09126	Gravimetric Determination	Area	WEST		243	M	0.1864	0.19	0	0
914590294	V666	20011005	P09126	Silica, Crystalline Cristobalite, Respirable Dust	Area	WEST		243	X	0	0	0	0
914590294	V666	20011005	P09126	Silica, Crystalline Quartz, Respirable Dust	Area	WEST		243	X	0	0.1864	5	0.0372791
Date Sampled	10/6/01												
914443015	106SH1	20011006	P09131	Asbestos (all forms)	Area	WEST		211	F	0	0	0.1	0
914443015	106SH1	20011006	P09131	Total Fibers	Area	WEST		211	F	0.013	0.0057	0	0
914443015	106SH2	20011006	P09132	Asbestos (all forms)	Area	WEST		77	F	0	0	0.1	0
914443015	106SH2	20011006	P09132	Total Fibers	Area	WEST		77	F	0	0.0057	0	0
914443023	106SH6	20011006	P09133	Asbestos (all forms)	Personal	WEST	IRONWORKER-BURNER/CUTTER	160	F	0	0	0.1	0
914443023	106SH6	20011006	P09133	Total Fibers	Personal	WEST	IRONWORKER-BURNER/CUTTER	160	F	0.062	0.036	0	0
914443023	106SH7	20011006	P09134	Asbestos (all forms)	Personal	WEST	IRONWORKER-BURNER/CUTTER	149	F	0	0	0.1	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled 10/6/01													
914443023	106SH7	20011006	P09134	Total Fibers	Personal	WEST	IRONWORKER-BURNER/CUTTER	149	F	0.048	0.036	0	0
914443064	TR-1	20011006	P09198	2-Butanone	Personal	WEST	IRONWORKER	355	P	0	0	200	0
914443064	TR-1	20011006	P09198	Benzene	Personal	WEST	IRONWORKER	355	P	0.1508978	0.15	1	0.1508978
914443064	TR-1	20011006	P09198	Ethyl Benzene	Personal	WEST	IRONWORKER	355	P	0	0	100	0
914443064	TR-1	20011006	P09198	Hexone	Personal	WEST	IRONWORKER	355	P	0	0	100	0
914443064	TR-1	20011006	P09198	Perchloroethylene	Personal	WEST	IRONWORKER	355	P	0	0	100	0
914443064	TR-1	20011006	P09198	Toluene	Personal	WEST	IRONWORKER	355	P	0	0	200	0
914443064	TR-1	20011006	P09198	Trichloroethylene	Personal	WEST	IRONWORKER	355	P	0	0	100	0
914443064	TR-1	20011006	P09198	Xylene	Personal	WEST	IRONWORKER	355	P	0	0	100	0
914443072	TR-2	20011006	P09199	2-Butanone	Personal	WEST	IRONWORKER	365	P	0	0	200	0
914443072	TR-2	20011006	P09199	Benzene	Personal	WEST	IRONWORKER	365	P	0.2081921	0.21	1	0.2081921
914443072	TR-2	20011006	P09199	Ethyl Benzene	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443072	TR-2	20011006	P09199	Hexone	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443072	TR-2	20011006	P09199	Perchloroethylene	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443072	TR-2	20011006	P09199	Toluene	Personal	WEST	IRONWORKER	365	P	0	0	200	0
914443072	TR-2	20011006	P09199	Trichloroethylene	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443072	TR-2	20011006	P09199	Xylene	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443080	TR-3	20011006	P09200	2-Butanone	Personal	WEST	IRONWORKER	365	P	0	0	200	0
914443080	TR-3	20011006	P09200	Benzene	Personal	WEST	IRONWORKER	365	P	0.253111	0.25	1	0.253111
914443080	TR-3	20011006	P09200	Ethyl Benzene	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443080	TR-3	20011006	P09200	Hexone	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443080	TR-3	20011006	P09200	Perchloroethylene	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443080	TR-3	20011006	P09200	Toluene	Personal	WEST	IRONWORKER	365	P	0	0	200	0
914443080	TR-3	20011006	P09200	Trichloroethylene	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443080	TR-3	20011006	P09200	Xylene	Personal	WEST	IRONWORKER	365	P	0	0	100	0
914443098	JB-1	20011006	P09201	2-Butanone	Personal	WEST	IRONWORKER	345	P	0	0	200	0

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled 10/6/01													
914443098	JB-1	20011006	P09201	Benzene	Personal	WEST	IRONWORKER	345	P	0	0	1	0
914443098	JB-1	20011006	P09201	Ethyl Benzene	Personal	WEST	IRONWORKER	345	P	0	0	100	0
914443098	JB-1	20011006	P09201	Hexone	Personal	WEST	IRONWORKER	345	P	0	0	100	0
914443098	JB-1	20011006	P09201	Perchloroethylene	Personal	WEST	IRONWORKER	345	P	0	0	100	0
914443098	JB-1	20011006	P09201	Toluene	Personal	WEST	IRONWORKER	345	P	0	0	200	0
914443098	JB-1	20011006	P09201	Trichloroethylene	Personal	WEST	IRONWORKER	345	P	0	0	100	0
914443098	JB-1	20011006	P09201	Xylene	Personal	WEST	IRONWORKER	345	P	0	0	100	0
914443106	JB-2	20011006	P09202	2-Butanone	Personal	WEST	IRONWORKER	320	P	0	0	200	0
914443106	JB-2	20011006	P09202	Benzene	Personal	WEST	IRONWORKER	320	P	0	0	1	0
914443106	JB-2	20011006	P09202	Ethyl Benzene	Personal	WEST	IRONWORKER	320	P	0	0	100	0
914443106	JB-2	20011006	P09202	Hexone	Personal	WEST	IRONWORKER	320	P	0	0	100	0
914443106	JB-2	20011006	P09202	Perchloroethylene	Personal	WEST	IRONWORKER	320	P	0	0	100	0
914443106	JB-2	20011006	P09202	Toluene	Personal	WEST	IRONWORKER	320	P	0	0	200	0
914443106	JB-2	20011006	P09202	Trichloroethylene	Personal	WEST	IRONWORKER	320	P	0	0	100	0
914443106	JB-2	20011006	P09202	Xylene	Personal	WEST	IRONWORKER	320	P	0	0	100	0
914448121	1006MB1	20011006	P09162	Antimony and Compounds (as Sb)	Area	WEST		309	M	0	0	0.5	0
914448121	1006MB1	20011006	P09162	Beryllium and Beryllium Compounds (as Be)	Area	WEST		309	M	0	0	0.002	0
914448121	1006MB1	20011006	P09162	Cadmium	Area	WEST		309	M	0	0	0.005	0
914448121	1006MB1	20011006	P09162	Chromium, Metal and Insoluble Salts	Area	WEST		309	M	0	0	1	0
914448121	1006MB1	20011006	P09162	Cobalt, Metal, Dust and Fume (as Co)	Area	WEST		309	M	0	0	0.1	0
914448121	1006MB1	20011006	P09162	Copper Fume (as Cu)	Area	WEST		309	M	0.0084988	0.0085	0.1	0.084988
914448121	1006MB1	20011006	P09162	Iron Oxide Fume	Area	WEST		309	M	0.1728392	0.17	10	0.0172839

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SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled 10/6/01													
914448121	1006MB1	20011006	P09162	Lead, Inorganic (as Pb)	Area	WEST		309	M	0.0045607	0.0046	0.05	0.091214
914448121	1006MB1	20011006	P09162	Manganese Fume (as Mn)	Area	WEST		309	M	0.0024413	0.0024	5	0.0004883
914448121	1006MB1	20011006	P09162	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Area	WEST		309	M	0	0	15	0
914448121	1006MB1	20011006	P09162	Nickel, Metal and Insoluble compounds (as Ni)	Area	WEST		309	M	0	0	1	0
914448121	1006MB1	20011006	P09162	Vanadium fume (as V2O5)	Area	WEST		309	M	0	0	0.1	0
914448121	1006MB1	20011006	P09162	Zinc Oxide Fume	Area	WEST		309	M	0	0	5	0
914448139	V4958	20011006	P09123	Gravimetric Determination	Area	WEST		309	M	0.3103	0.31	0	0
914448139	V4958	20011006	P09123	Silica, Crystalline Cristobalite, Respirable Dust	Area	WEST		309	X	0	0	0	0
914448139	V4958	20011006	P09123	Silica, Crystalline Quartz, Respirable Dust	Area	WEST		309	X	0	0.3103	5	0.0620598
914448147	A787341	20011006	P09138	Asbestos (all forms)	Area	WEST		309	%	0	0	0.1	0
914448147	A787341	20011006	P09138	Total Fibers	Area	WEST		309	%	0	0	0	0
Date Sampled 10/7/01													
911805273	AVAOBC-3	20011007	P09395	2-Butanone	Personal	WEST	WELDER	255	P	0	0	200	0
911805273	AVAOBC-3	20011007	P09395	Benzene	Personal	WEST	WELDER	255	P	0	0	1	0
911805273	AVAOBC-3	20011007	P09395	Hexone	Personal	WEST	WELDER	255	P	0	0	100	0
911805273	AVAOBC-3	20011007	P09395	Toluene	Personal	WEST	WELDER	255	P	0.1215184	0.12	200	0.0006076
911805281	AVAOBC-2	20011007	P09373	Mercury (Vapor) (as Hg)	Area	WEST	AREA SAMPLE	240	M	0	0	0.1	0

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US Department of Labor/OSHA WTC Air Sampling Activity

grouped by sector and date sampled and sorted by sampling # and submission #

SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled 10/8/01													
911812253	108AB001	20011008	D09882	Antimony and Compounds (as Sb)	Area	WEST		370	M	0	0	0.5	0
911812253	108AB001	20011008	D09882	Beryllium and Beryllium Compounds (as Be)	Area	WEST		370	M	0	0	0.002	0
911812253	108AB001	20011008	D09882	Cadmium	Area	WEST		370	M	0	0	0.005	0
911812253	108AB001	20011008	D09882	Chromium, Metal and Insoluble Salts	Area	WEST		370	M	0	0	1	0
911812253	108AB001	20011008	D09882	Cobalt, Metal, Dust and Fume (as Co)	Area	WEST		370	M	0	0	0.1	0
911812253	108AB001	20011008	D09882	Copper Fume (as Cu)	Area	WEST		370	M	0	0	0.1	0
911812253	108AB001	20011008	D09882	Iron Oxide Fume	Area	WEST		370	M	0.0592401	0.059	10	0.0059240
911812253	108AB001	20011008	D09882	Lead, Inorganic (as Pb)	Area	WEST		370	M	0	0	0.05	0
911812253	108AB001	20011008	D09882	Manganese Fume (as Mn)	Area	WEST		370	M	0	0	5	0
911812253	108AB001	20011008	D09882	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Area	WEST		370	M	0	0	15	0
911812253	108AB001	20011008	D09882	Nickel, Metal and Insoluble compounds (as Ni)	Area	WEST		370	M	0	0	1	0
911812253	108AB001	20011008	D09882	Vanadium fume (as V2O5)	Area	WEST		370	M	0	0	0.1	0
911812253	108AB001	20011008	D09882	Zinc Oxide Fume	Area	WEST		370	M	0	0	5	0
913522579	108RD12	20011008	P09375	Mercury (Vapor) (as Hg)	Personal	WEST	IRON WORKER	340	M	0	0	0.1	0
914443197	SE1357	20011008	P09402	Formaldehyde	Personal	WEST	CRANE OPERATOR/OPERATING ENGINEER	340	P	0	0	0.75	0

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US Department of Labor/OSHA WTC Air Sampling Activity

grouped by sector and date sampled and sorted by sampling # and submission #

SAMPLING #	Sample Submission #	Inspection #	LAB #	ANALYTE DESCRIPTION	Type	Area	TASK/ OPERATION	TIME	UOM	RESULT	TWA RESULTS	PEL	SEVERITY
AMEC													
Date Sampled 10/8/01													
914443205	SE1408	20011008	P09403	Formaldehyde	Personal	WEST	IRONWORKER-BURNER/CUTTER	343	P	0	0	0.75	0
914443213	SE1598	20011008	P09401	Formaldehyde	Personal	WEST	IRONWORKER-BURNER/CUTTER	323	P	0	0	0.75	0
914443262	1008LL-4	20011008	D09904	Antimony and Compounds (as Sb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	0.5	0
914443262	1008LL-4	20011008	D09904	Beryllium and Beryllium Compounds (as Be)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	0.002	0
914443262	1008LL-4	20011008	D09904	Cadmium	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	0.005	0
914443262	1008LL-4	20011008	D09904	Chromium, Metal and Insoluble Salts	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	1	0
914443262	1008LL-4	20011008	D09904	Cobalt, Metal, Dust and Fume (as Co)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	0.1	0
914443262	1008LL-4	20011008	D09904	Copper Fume (as Cu)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0.0037158	0.0037	0.1	0.037158
914443262	1008LL-4	20011008	D09904	Iron Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0.3530051	0.35	10	0.0353005
914443262	1008LL-4	20011008	D09904	Lead, Inorganic (as Pb)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	0.05	0
914443262	1008LL-4	20011008	D09904	Manganese Fume (as Mn)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	5	0
914443262	1008LL-4	20011008	D09904	Molybdenum (as Mo), Insoluble Compounds (Total Dust)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	15	0
914443262	1008LL-4	20011008	D09904	Nickel, Metal and Insoluble compounds (as Ni)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	1	0
914443262	1008LL-4	20011008	D09904	Vanadium fume (as V2O5)	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	0.1	0
914443262	1008LL-4	20011008	D09904	Zinc Oxide Fume	Personal	WEST	IRONWORKER-BURNER/CUTTER	375	M	0	0	5	0

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