

WTC OSHA Non-Asbestos Sampling Data for Southwest Area

WTC OSHA Heavy Metal Monitoring Data

Date	Task	Sample Type	Substance	Sample Duration (mins)	Result mg/m ³	PEL (mg/m ³)
9/22/01	Pulling out steel (no cutting or burning)	Personal	Iron Oxide Fume	212	0.126	10
9/22/01		Area	All heavy metals	371	N/D	
9/22/01	Torch cutting on top of rubble pile	Personal	Copper Fume	112	0.0119	0.1
9/22/01	Torch cutting on top of rubble pile	Personal	Iron Oxide Fume	112	0.2935	10
9/22/01	Torch cutting on top of rubble pile	Personal	Inorganic Lead	112	0.0185	0.05
9/22/01		Personal	Copper Fume	179	0.0225	0.1
9/22/01		Personal	Iron Oxide Fume	179	1.6409	10
9/22/01		Personal	Manganese Fume	179	0.0112	5
9/22/01		Personal	Zinc Oxide Fume	179	0.0959	5
9/23/01		Personal	All heavy metals	168	N/D	
9/23/01		Area	All heavy metals	222	N/D	
9/23/01		Personal	Copper Fume	168	0.0233	0.1
9/23/01		Personal	Iron Oxide Fume	168	1.4967	10
9/23/01		Personal	Manganese Fume	168	0.118	5
9/23/01		Personal	Zinc Oxide Fume	168	0.5729	
9/25/01	Ironworker-burner/cutter	Area	All Heavy Metals		N/D	
9/26/01		Bulk	Chromium		1.3109	
9/26/01		Bulk	Cobalt		0.02	

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9/26/01		Bulk	Copper		0.0316	
9/26/01		Bulk	Iron Oxide		30.823	
9/26/01		Bulk	Inorganic Lead		0.1875	
9/26/01		Bulk	Manganese		0.2971	
9/26/01		Bulk	Zinc Oxide		2.2907	
9/26/01		Personal	Copper Fume	260	0.0063	0.1
9/26/01		Personal	Iron Oxide Fume	260	1.3617	10
9/26/01		Personal	Manganese Fume	260	0.0186	5
9/29/01	torch cutting	Area	All heavy metals	360	N/D	
9/30/01			Copper Fume	185	0.062	0.1
9/30/01			Iron Oxide Fume	185	3.1417	10
9/30/01			Inorganic Lead	185	0.0261	0.05
9/30/01			Manganese Fume	185	0.0401	5
9/30/01			Zinc Oxide Fume	185	0.2683	5
9/30/01			Copper Fume	200	0.0114	0.1
9/30/01			Iron Oxide Fume	200	2.6425	10
9/30/01			Manganese Fume	200	0.0223	5
9/30/01			Copper Fume	140	0.009	0.1
9/30/01			Iron Oxide Fume	140	0.5665	10
9/30/01			Manganese Fume	140	0.0062	5
9/30/01			Copper Fume	453	0.0144	0.1
9/30/01			Iron Oxide Fume	453	0.9748	10
9/30/01			Inorganic Lead	453	0.0263	0.05
9/30/01			Manganese Fume	453	0.0091	5
9/30/01			Zinc Oxide Fume	453	0.0367	5

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