

Appendix G  
Cost Estimating Worksheet  
Glove Bag with Some Wrap and Cut  
Quincy Smelter Site  
Asbestos Abatement Assessment  
December 2004

Building Number	Building Name	Location	ACM Type	Amount	Units	Gross Removal With Critical Seals	Glove Bag with some Wrap and Cut
2	Dockside Warehouse	Main floor	Pipe insulation	220	LF		\$2,475.00
		Loft area	Pipe insulation in crates	300	LF	\$2,000.00	
		Changing area	Baseboard seam	10	SF	\$300.00	
2	Dockside Warehouse (additional items)	Throughout building	ACM debris	1200	SF	\$6,000.00	
		First and second floor	Pipe insulation	70	LF	\$700.00	
		East side under collapsed roof	Drummed pipe insulation	100	SF	\$1,000.00	
Building 2 Subtotal							\$12,475.00
3	Laboratory	Site shed southwest corner	Heat shield	10	SF	\$250.00	
		Basement	Pipe insulation	60	LF		\$540.00
		By north door	Debris by north door	1	SF	\$100.00	
		Northwest room on east wall	Heat shield (thin)	5	SF	\$250.00	
		West side of building	Stack block insulation	20	SF	\$500.00	
3	Laboratory (debris)	First and basement floor	Debris	250	SF	\$1,250.00	
Building 3 Subtotal							\$2,890.00
6	No. 5 Reverberatory Furnace Building	Northeast side on floor	Pipe insulation (aircell)	20	LF		\$225.00
		Along north wall	Pipe insulation (mag)	30	LF		\$338.00
		West end on metal duct	Duct wrap	20	SF	\$400.00	
		Machine on southeast side	Coil wrap	25	SF	\$250.00	
6	No. 5 Reverberatory Furnace Building (Debris)	Throughout building	Debris	250	SF	\$1,250.00	
Building 6 Subtotal							\$2,463.00
7	Reverberatory Furnace Building	Middle of north wall	Pipe insulation (aircell)	30	LF		\$450.00
		Northeast corner under lift	Debris from pipe insulation (mag)	25	SF	\$250.00	
7	Reverberatory Furnace Building (debris)	Under piping	Debris	120	SF	\$600.00	
Building 7 Subtotal							\$1,300.00
11	Cooper Stock Building	First and second floors, and exterior	Pipe insulation bulk storage	230	LF	\$3,000.00	\$565.00
		Southwest corner on table	Gaskets	100	LF	\$300.00	
		Southwest corner on floor	Small hose	10	LF	\$100.00	
Building 11 Subtotal							\$3,965.00
14	Briquetting Plant	Main floor	Pipe insulation	50	LF		\$750.00
14	Briquetting Plant (debris)	Under piping	Debris	200	SF	\$1,000.00	
Building 14 Subtotal							\$1,750.00
15	Crushing Plant	Second level east wall	Block insulation	5	SF	\$200.00	
Building 15 Subtotal							\$200.00
16	Pump House	Main area, shed, and south exterior	Pipe insulation and Debris	225	LF	\$5,000.00	
Building 16 Subtotal							\$5,000.00
17	Cupola Furnace Building	North room	Pipe insulation (approx 5 large fittings)	200	LF		\$2,325.00
		North room	24" Valve insulation	50	SF	\$1,200.00	
17	Cupola Furnace Building (debris)	North room	Debris	800	SF	\$4,000.00	
Building 17 Subtotal							\$7,525.00

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18	Boiler House	Boiler room	Pipe insulation	500	LF		\$7,500.00
		Boiler room	Pipe joint insulation	30	LF		\$450.00
18	Boiler House (debris)	Boiler room	Debris	800	SF	\$4,000.00	
<b>Building 18 Subtotal</b>							<b>\$11,950.00</b>
19	Baden Hausen Boiler Building	Top of boiler room	Pipe insulation	15	LF		\$1,000.00
19	Baden Hausen Boiler Building (debris)	Top of boiler room	Debris	300	SF	\$300.00	
<b>Building 19 Subtotal</b>							<b>\$1,300.00</b>
20	Machine Shop	Second floor loft	Pipe insulation	50	LF		\$500.00
		Second floor loft northeast corner	Paper	50	SF	\$500.00	
<b>Building 20 Subtotal</b>							<b>\$1,000.00</b>
25	Barn	North end of barn and exterior	Pipe insulation	100	LF		\$1,000.00
<b>Building 25 Subtotal</b>							<b>\$1,000.00</b>
<b>Abatement Total</b>							<b>\$52,818.00</b>
10 % Markup for no power or water							\$5,281.80
Mobilization							\$5,000.00
3rd Party Air Monitoring (10 Days @ \$900/day)							\$9,000.00
Structural Engineer (10 days @ \$1200/day)							\$12,000.00
<b>Total Estimated Cost</b>							<b>\$84,099.80</b>

See assumptions listed in Section 5 of report text

LF = linear feet

SF = square feet

" = inches