

SECTION VII

RESPONSE ACTION DESCRIPTIONS

The Cleveland Public School Districts, Final Response Action Schedule, expresses the Districts commitment to positively deal with the asbestos inventory surveyed and identified in Section IV of this document.

In an attempt to address the problems identified throughout the whole district it has been necessary to perform response actions for those rooms within this school which have been given an AHERA priority of a 1 or 2. In as much as 128 schools contain asbestos containing building materials of one form or another, the District has prepared a response action schedule for a three year period of time. In this way, the District will be responding only to major fiber release areas and in this way shall give us enough time to obtain further information as found in the six month surveillance inspections; as well as the three year reinspection program.

By only limiting the Response Action Schedule to a three year plan, the District will be able to allocate sufficient resources, both personnel and financial, to assure that responses are completed.

VII-A

Response actions including removal, encapsulation, enclosure, or repair, including small-scale, short duration repairs, shall be designed and conducted by the Cleveland Board of Education employees.

All employees assigned to the Asbestos office of the Building Trades Division, whether management or specialist/workers, have been accredited through completion of EPA courses (763.90,g.). Also Appendix B.

It is the Districts policy that only employees who have been accredited and are qualified as asbestos specialist/workers be allowed to institute or perform any function concerned with asbestos responses, including cleaning and operation and maintenance. In this way, the District is assured that all work performed will follow the worker protection and work practice

requirements under 29 CFR 1926.58 (Occupational Safety and Health Administration (OSHA) asbestos worker protection standards for construction), 40 CFR Part 763, Subpart G (EPA asbestos worker protection standards for public employees), and 40 CFR Part 61, Subpart M (National Emission Standards for Hazardous Air Pollutants-Asbestos). See: Appendix A-Operations and Maintenance Plan
Appendix B-Training Program & Certification
Appendix C-Medical Surveillance Plan
Appendix D-Respiratory Protection Program

Even though the District will comply with the awareness training (763.92) of its custodial and maintenance personnel, the "Designated Person" feels that to maintain standardization throughout the District, that only Certified people be involved with asbestos abatement. The awareness (2 hr) seminar will be instructional for the purpose of allowing school custodians to define work that should be accomplished in their individual school. The Custodian, Principal, or Asbestos Foreman will be responsible to prepare a work order defining those areas within their school (type material, room number, and amount) that should have work performed.

VII-B

FINAL RESPONSE ACTION SCHEDULE:

A Final Response Action Schedule has been submitted in this section of this Management Plan Document which will summarize the work to be completed within this school for the next three years (if applicable). The Response Action Schedule will define work that addresses AHERA priority of 1 or 2 as found on the Survey Forms in Section IV. The user of this Document shall also refer to the specific room survey form (Section IV) to identify, singularly any work that was performed on work that will be scheduled for a particular room.

**BUSINESS DEPARTMENT
BUILDING TRADES DIVISION
RIDGE ROAD**

WORK REQUISITION
NO. 51056

*Entered
into computer*

PRIORITY	ORIGIN
1 <input type="checkbox"/>	<input type="checkbox"/> CITY CODE
2 <input checked="" type="checkbox"/>	<input type="checkbox"/> STATE MIN. STANDARD
3 <input type="checkbox"/>	<input type="checkbox"/> STATE BOILER INSP.
4 <input type="checkbox"/>	<input checked="" type="checkbox"/> PREVENTATIVE MAINT.
	<input type="checkbox"/> EDUCATIONAL PROG.
	<input type="checkbox"/> VANDALISM

JOB ORDER
NUMBER

DATE 8/29/89

NO.	<u>019-100</u>
BUDGET NUMBER [MAT.]	<u>3000-5721</u>
BUDGET NUMBER [LABOR]	<u>3000-1411</u>
TIME TICKET	<u>30011</u>
BUDGET NUMBER [PUR. SERV.]	<u>3000-4232</u>

SCHOOL	<u>Brooklawn</u>	NO.	<u>3</u>	<u>0</u>	<u>5</u>	<u>8</u>
ADDRESS <u>11801 Worthington Ave.</u>						
PHONE <u>941-9925</u>						

TRADE: Asbestos Workers

NOTE: RETURN THIS FORM TO BUILDING OPERATION DIVISION, ROOM 500S

DESCRIPTION OF WORK TO BE PERFORMED (DETAILED)

Please furnish the necessary labor and materials to relag this buildings boilers. There are rips in the lagging exposing the asbestos insulation.

PRINCIPAL ☐

James Ellis

CUSTODIAN ☐

Leonard V. Madonia

FOR TRADES OFFICE USE ONLY

DIRECTOR OF TRADES (IF REQUIRED)

TRADE	AMOUNT	HRS.	TRADE	AMOUNT	AMOUNT
ASBESTOS WORKER			LABORER		TOTAL LABOR <u>2148</u> <u>80</u>
<u>80</u> ASBESTOS SPECIALIST <u>2148</u> <u>80</u>			MAINT. MAN		TOTAL MATERIAL <u>434</u> <u>96</u>
BOILERMAKER			PAINTER		PURCHASE SERVICES
BRICKLAYER			PLASTERER		
BRICKLAYER HELPER			PLUMBER		(VENDOR)
B.T. LABORER			ROOFER		TOTAL COST <u>2583</u> <u>76</u>
CEMENT FINISHER			SEWERMAN		REMARKS:
CARPENTER			TINNER		
ELECTRICIAN			STAGEHAND		
EXTERMINATOR			STEAMFITTER		
GLAZIER			WINDOW WASHER		
IRON WORKER					
NUMBER	AMOUNT		NUMBER	AMOUNT	
DP			WR		
DP			WR		
DP			WR		
<u>41388</u>	<u>434</u> <u>96</u>		WR		
PO			WR		

☐ CANCEL — WORK COMPLETED ON
WORK ORDER #

DATE COMPLETED

1-12-90

MO. 12 DA. 1 YR.

ISSUED TO: _____
DATE: _____

TRADES FOREMAN'S SIGNATURE

James J. Matt

OFFICE USE ONLY

BUSINESS DEPARTMENT
BUILDING TRADES DIVISION
RIDGE ROAD

WORK REQUISITION
NO. 159914

PRIORITY	ORIGIN
1 <input type="checkbox"/>	<input type="checkbox"/> CITY CODE
2 <input type="checkbox"/>	<input type="checkbox"/> STATE MIN. STANDARD
3 <input type="checkbox"/>	<input type="checkbox"/> STATE BOILER INSP.
4 <input type="checkbox"/>	<input type="checkbox"/> PREVENTATIVE MAINT.
	<input type="checkbox"/> EDUCATIONAL PROG.
	<input type="checkbox"/> VANDALISM

WORK ORDER NO.	01-061
BUDGET NUMBER [MAT.]	
BUDGET NUMBER [LABOR]	
TIME TICKET	14510
BUDGET NUMBER [PUR. SERV.]	1400-4232

Entered into the Computer

JOB ORDER NUMBER	DATE	11-30-90
SCHOOL	Brooklawn	NO. 058
ADDRESS	11801 Worthington	
PHONE	941-9925	

TRADE: ASBESTOS

NOTE: RETURN THIS FORM TO BUILDING OPERATION DIVISION, ROOM 500S

DESCRIPTION OF WORK TO BE PERFORMED (DETAILED)

Provide labor, material and laboratory analysis for the detection of indoor radon concentration in the active classrooms in the school.

Per - "EPA Report for Measuring Radon in Schools"

Board Resolution 345-89

** Also detection of lead in drinking water - Resolution 218-89*

PRINCIPAL ☐ CUSTODIAN ☐ Richard Malott
Asbestos Foreman

FOR TRADES OFFICE USE ONLY				DIRECTOR OF TRADES (IF REQUIRED)			
S.	TRADE	AMOUNT	HRS.	TRADE	AMOUNT		AMOUNT
	ASBESTOS WORKER			LABORER		TOTAL LABOR	843 25
	ASBESTOS SPECIALIST			MAINT. MAN		TOTAL MATERIAL	
	BOILERMAKER			PAINTER		PURCHASE SERVICES	1037 00
	BRICKLAYER			PLASTERER		LAB	
	BRICKLAYER HELPER			PLUMBER		(VENDOR) →	
	B.T. LABORER			ROOFER		TOTAL COST	1,880 25
	CEMENT FINISHER		530 15	SEWERMAN	127 63 695 70	REMARKS:	
	CARPENTER			TINNER		W.R. Includes INITIAL	
	ELECTRICIAN			STAGEHAND		SCREENING & 2 Rounds of	
	EXTERMINATOR			STEAMFITTER		follow-up samples	
	GLAZIER			WINDOW WASHER		(LEAD IN WATER) YH.	
	IRON WORKER		1	CUSTODIAN	20 00		
	NUMBER	AMOUNT		NUMBER	AMOUNT		
DP	C-21514	465 00	WR			<input type="checkbox"/> CANCEL — WORK COMPLETED ON WORK ORDER #	
DP	C-06200	88 00	WR			DATE COMPLETED	
DP	C-05279	484 00	WR			3 15 91	
PO			WR			MO. DA. YR.	
PR			WR				

ISSUED TO: RIM

DATE: 11-30-90

TRADES FOREMAN'S SIGNATURE

Richard Malott

OFFICE USE ONLY

BUSINESS DEPARTMENT
BUILDING TRADES DIVISION
RIDGE ROAD

8/31/92

WORK REQUISITION
NO. 105574

ND NO.	
BUDGET NUMBER (MAT.)	
BUDGET NUMBER (LABOR)	
TIME TICKET	
BUDGET NUMBER [PUR. SERV.]	

PRIORITY	ORIGIN
1 <input checked="" type="checkbox"/>	<input type="checkbox"/> CITY CODE
2 <input type="checkbox"/>	<input type="checkbox"/> STATE MIN. STANDARD
3 <input type="checkbox"/>	<input checked="" type="checkbox"/> STATE BOILER INSP.
4 <input type="checkbox"/>	<input type="checkbox"/> PREVENTATIVE MAINT.
	<input type="checkbox"/> EDUCATIONAL PROG.
	<input type="checkbox"/> VANDALISM

JOB ORDER NUMBER	DATE AUGUST 24, 1992
SCHOOL BROOKLYN	NO. 3058
ADDRESS 11801 WERTHINGTON AVE	
PHONE 476-6815	

TRADE: STEAM FITTER

NOTE: RETURN THIS FORM TO BUILDING OPERATION DIVISION, ROOM 500S

DESCRIPTION OF WORK TO BE PERFORMED (DETAILED)

PLEASE FURNISH THE NECESSARY LABOR AND MATERIALS TO
INSTALL A SECONDARY LOW WATER CONTROL ON THIS BUILDING
BOILERS.

PER BOILER INSPECTOR

FITZGIBBENS BOILERS
IREN FIREMAN CONTROLS

ASB to be removed
to be marked
B #1 & B #2

PRINCIPAL ☐ CUSTODIAN ☐ Armando V. Mascia

FOR TRADES OFFICE USE ONLY				DIRECTOR OF TRADES (IF REQUIRED)			
RS.	TRADE	AMOUNT	HRS.	TRADE	AMOUNT		AMOUNT
	ASBESTOS WORKER			LABORER		TOTAL LABOR	
	ASBESTOS SPECIALIST			MAINT. MAN		TOTAL MATERIAL	
	BOILERMAKER			PAINTER		PURCHASE SERVICES	
	BRICKLAYER			PLASTERER			
	BRICKLAYER HELPER			PLUMBER		(VENDOR) →	
	B.T. LABORER			ROOFER		TOTAL COST	
	CEMENT FINISHER			SEWERMAN		REMARKS: John 9/11/92	
	CARPENTER			TINNER		2-1" traps	
	ELECTRICIAN			STAGEHAND		2-1" strainer	
	EXTERMINATOR			STEAMFITTER		2nd 1" traps also to 6	
	GLAZIER			WINDOW WASHER		6-1" gobs	
	IRON WORKER					8-1" gobs	
	NUMBER	AMOUNT		NUMBER	AMOUNT		
DP			WR				
DP			WR				
DP			WR				
PO			WR				
PR			WR				
PO			WR				

☐ CANCEL — WORK COMPLETED ON
WORK ORDER #

DATE COMPLETED

ASH 9/2

MO DA YR

ISSUED TO: _____
DATE: _____

TRADES FOREMAN'S SIGNATURE

OFFICE USE ONLY

Honeywell Inc.
925 Keynote Circle
Brooklyn Heights OH 44131-1898

Attn: Chris Hess

Independent Environmental Surveillance
1774 Meadows Road
Madison, OH 44057
440-428-8738
July 24, 2001

RE: Work Scope For The City Of Cleveland School
District- Boiler Upgrades (Multiple Sites)

Dear Mr. Hess,

Independent Environmental Surveillance (IES) is proud to submit the following Work Scopes as described for the project referenced above:

Miles Standish Boiler Room	780 square feet (s.f.) of asbestos boiler insulation 150 s.f. of asbestos flue insulation 75 linear feet (l.f.) asbestos pipe insulation
Charles Eliot Boiler Room	1,000 s.f. of asbestos boiler insulation 250 s.f. of asbestos flue insulation 528 l.f. asbestos pipe insulation
Euclid Park Boiler Room	800 s.f. of asbestos boiler insulation 150 s.f. of asbestos flue insulation 90 l.f. asbestos pipe insulation
Artemus Ward Boiler Room	650 s.f. of asbestos boiler insulation 175 s.f. of asbestos flue insulation 20 l.f. asbestos pipe insulation
Brooklyn Boiler Room	400 s.f. of asbestos boiler insulation 200 s.f. of asbestos flue insulation 70 l.f. asbestos pipe insulation

The asbestos removal contractor shall bear complete responsibility for worker safety and adherence to all agencies laws, regulations, and standards, including but not limited to the following regulations and/or publications listed below:

Code of Federal Regulations (CFR)

29 CFR 1910.20
1910.145
1910.134
1910 (subpart 2) 1001
1910.120
1926.1101
1926.1-1051
40 CFR 61 subpart A & B
61.145 subpart M
241
257
763 subparts E, F, & G

EPA 560/5

410 CFR 763
Michael E

American National Standards Institute (ANSI) z9.2-79
z88.2-80
National Institute of Occupational Safety and Health
U.S. Department of Transportation
Underwriters Laboratories, Inc. (UL) Publications (586-77, 1992)

Should you have any questions or comments in regards to this information, please do not hesitate to contact me at (440) 428-8738, (440) 487-3505 or contact us via the World Wide Web at brobishaw@advizexweb.com.

Sincerely,

Independent Environmental Surveillance



Brian Robishaw
General Manager

File:cc:
Dick Mallot, Cleveland Municipal Board of Education
Rex Harris, Pioneer Environmental Services, Inc.