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NWS EARLE
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FINAL ASBESTOS ABATEMENT PLAN FOR BUILDING GB-01 NWS EARLE NJ
2/24/2000
FOSTER WHEELER ENVIRONMENTAL CORPORATION

Prepare in quintuplicate (original and 4 copies)
CONTROL NO 81B

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NORTHNAVFACENGCOM 4335/3 (Rev. 6/80)

CONTRACT NO. N62472-94-D-0398	DELIVERY ORDER # 0034	ACTIVITY LOCATION Naval Weapons Station (NWS) @ Earle, Colts Neck, NJ
PROJECT TITLE: Building GB-01 Asbestos Abatement		
FROM: Foster Wheeler Environmental Corp. Program QC Manager: Mark Miller		DATE February 24, 2000
TO: W FAUSTMAN (3 COPIES)		DATE February 24, 2000

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FOR COMMANDING OFFICER, NORTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND DATE

ITEM NO.	SUBMITTAL DESCRIPTION	PREPARED/ SUBMITTED BY	APPROVED	DISAPPROVED	REMARKS
107b	SD-08, Statements; Final Asbestos Abatement Plan (R0)	M. Miller			

**FINAL ASBESTOS ABATEMENT PLAN
FOR BUILDING GB-01**

**NAVAL WEAPONS STATION – EARLE
COLTS NECK, NEW JERSEY**

Issued:

February 24, 2000

Prepared for:

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Lester, PA 19113

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REMEDIAL ACTION CONTRACT N62472-94-D-0398
DELIVERY ORDER NO. 0034

<u>Revision</u>	<u>Date</u>	<u>Prepared By:</u>	<u>Approved By:</u>	<u>Pages Affected</u>
0	January 21, 2000	Ace Insulation	M. Heffron	5, 6, 13, 14, 19, Appendix C

**DRAFT ASBESTOS ABATEMENT PLAN
FOR BUILDING GB-01**

**NAVAL WEAPONS STATION - EARLE
COLTS NECK, NEW JERSEY**

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1.0 INTRODUCTION/ PROJECT OBJECTIVES

Foster Wheeler Environmental Corporation (Foster Wheeler Environmental) has been contracted by the Northern Division, Naval Facilities Engineering Command (Northern Division) to conduct an asbestos abatement at Building GB-01 at the Naval Weapons Station (NWS) Earle located in Colts Neck, NJ. The scope includes the abatement of all the friable asbestos pipe insulation contained inside the building, and verification sampling to demonstrate an environmental clearance limit inside the building. This Work Plan is being submitted to satisfy the pre-construction submittal requirements included in paragraph 1.2.1, Pre- and Post-Construction Documentation of the Statement of Services for Delivery Order No. 0034, under Remedial Action Contract No. N62472-94-D-0398. It should be noted that the third party monitoring shall be conducted by a contractor hired directly by the Navy.

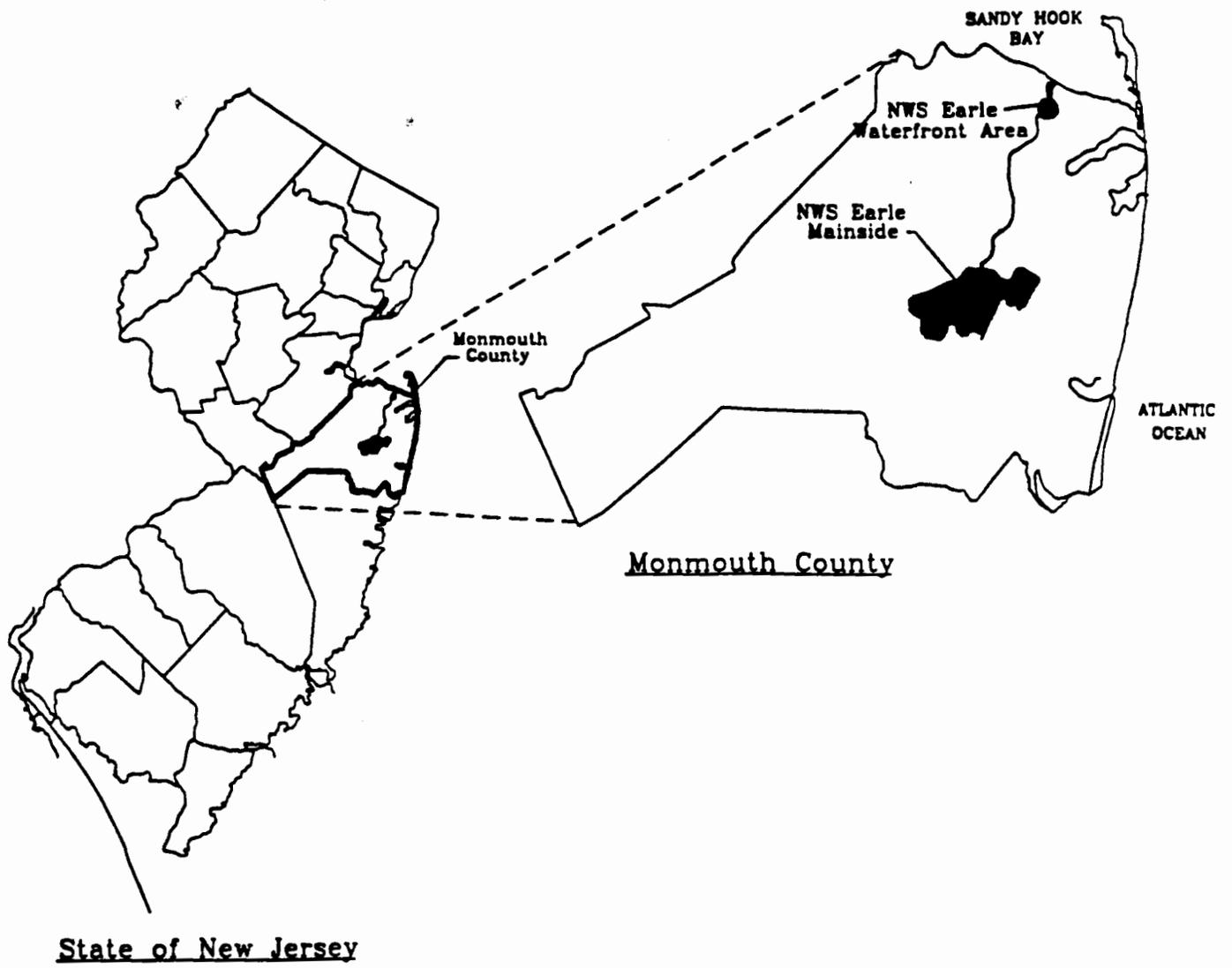
2.0 PROJECT LOCATION AND DESCRIPTION

NWS-Earle is located in east-central Monmouth County in the town of Colts Neck, New Jersey. Figure 2-1 depicts the Regional Site Map. Building GB-01 is located at Site 26 at the intersection of Macassar and Midway Roads. Two railway lines run from the southwest to the northeast adjacent to the southern side of Building GB-1 (Figure 2-2). The site is fenced and topography is relatively flat, approximately 150 feet above MSL.

GB-1 was reportedly used for the reconditioning of ammunition casings and shells. The building is currently unoccupied, and the majority of the equipment has been removed. There is a large drill press and a former parts bath inside the main area of the building, but the remainder of the area is open. The majority of the building is comprised of one open area, but there are several smaller rooms. There is a former office area on the southwestern end of the building. There is also an office area on the northeastern end of the building. A boiler room is located on the northeastern end of the building.

The majority of the asbestos insulation inside Building GB-01 is associated with insulation on overhead pipes. The main room of the facility is open and the pipes are readily exposed, approximately 25 feet off of the floor. The pipes and insulation are readily exposed in the office area on the southwestern side of the building. There is a small plywood enclosure that was constructed as part of the office space on the southwestern end of the building, however there is ready access to the pipes above this enclosure, which is 10 to 12 feet high. The office space on the northeastern side of the building does have a ceiling that restricts access to the piping and insulation. There is a man-way through the existing ceiling that can be accessed to reach the asbestos insulation on the pipes. The boiler room, located on the northeastern end of the building, contains asbestos insulation on pipes. All the asbestos is readily accessible.

Building GB-01 can be accessed through various doorways. There is a main roll-up doorway leading to a loading dock on the southern side of the building. There is also a door that accesses the main portion of the building. There are doors on the southern side of the building that access the electrical room and the northeastern office area. There is a door on the northeastern side of the building that



NOT TO SCALE

U.S. Navy RAC
NWS-Earle, Colts Neck, N.J.

Figure 2-1
Regional Site Map



00788401Z

SHEET SIZE: B	DATE	CODE ID. NO. 80091 SCALE: N.T.S. SPEC. NO. 04- CONSTR. CONTR. NO.	NAVFAC DRAWING NO.	DEPARTMENT OF THE NAVY NORTHERN DIVISION LESTER PENNSYLVANIA	NAVAL FACILITIES ENGINEERING COMMAND Figure 2 NWS Earle, Colts Neck, NJ Site 26 Site Basemap	FOSTER WHEELER ENVIRONMENTAL DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____ SUBMITTED BY: YIM BERNER (DATE) _____ NORTHON DR: _____ NO: _____ FPE: _____ DR: _____ OFFICER IN CHARGE APPROVED _____ DATE _____ NORTHON FOR COMMANDER, NAVFAC
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accesses the boiler room. There is a door on the southwestern side of the building that accesses the office area on that side of the building.

There are numerous windows throughout the building, the majority of which have the glass intact.

3.0 SCOPE OF WORK

The objectives of this effort are to conduct an asbestos abatement of Building GB-01, and then obtain air samples from within the building to establish an environmental clearance limit of 0.01 fibers per cubic centimeter (f/cc). The asbestos abatement is being conducted in order to prepare the building for groundwater remediation equipment that shall be housed inside Building GB-01.

3.1 TASK 1 - PROJECT PLANNING/MANAGEMENT

Project Planning/Management activities include the preparation of pre-construction submittals, coordinating utility requirements, mobilization to the site, and providing Home Office support functions during the estimated period of performance. The subtasks involved in Project Planning/Management are described below.

3.1.1 Subtask 1A - Pre-Construction Submittals

Foster Wheeler Environmental and its subcontractor will prepare and submit the following pre-construction documents to the Navy:

Asbestos Abatement Plan

The current document represents the Asbestos Abatement Plan which presents Foster Wheeler Environmental's, and its subcontractor's, approach to executing the project, including the site description, statement of work, procurement approach, field procedures, materials, transportation and disposal data, and sampling and analytical requirements.

Health and Safety Plan (HASP)

A site-specific Health and Safety Plan (HASP) shall be submitted as a separate document. The HASP shall include Foster Wheeler Environmental's approach to providing for the health and safety of its employees during the project. The site-specific HASP will be used in conjunction with the General HASP developed for the NWS-Earle Facility.

2. Shower Room: This is a separate room used for transit by cleanly dressed people entering the work area from the clean room and for showering by them after they have undressed in the equipment room. This is a contaminated area.
3. Equipment Room: Work equipment, footwear, and all other contaminated work clothing shall be stored here. This is also a change and transit room for people. All areas between the shower and work area shall be considered part of the equipment room. This is a contaminated area.

The decontamination chamber shall be lined with 2 layers of 6 mil. poly. sheeting on the floor, walls, and ceiling. These sheets shall overlap 12" on the first layer and 24" on the second layer. The sheets shall be held in place with staples, tape, spray adhesive or furring strips. Figure 3-1 depicts the proposed location of the decontamination chamber, and Figure 3-2 depicts the typical decontamination layout.

The asbestos abatement of the piping insulation shall be conducted utilizing glovebagging as the method of removal. The glove-bagging will occur in a critical barrier under negative air. One section of the building shall be isolated at a time for asbestos abatement. The building shall be sectioned off using the existing walls of the various rooms to make smaller areas of containment. All doorways and window openings to the exterior of the building shall be sealed with 6 mil. poly and the floor covered with 2 layers of 6 mil. poly for critical barriers. Air filtration units shall be installed in the windows of the building as indicated in Figure 3-1. Only those areas undergoing active asbestos abatement will be under a critical barrier. There shall be a minimum of two back-up air filtration units on hand. There shall be a minimum of 4 air changes per hour. The ventilation equipment shall handle and contain airborne asbestos fibers in conformance to American National Standard Institute (ANSI) Standard Z9.2, Fundamentals Governing the Design and Operation of Local Exhaust Systems. Appendix A contains verification that the air filtration machines to be used for generating negative pressure meet the above ANSI Standard.

Once the critical barrier has been established, the overhead piping shall be accessed with a scissors lift or ladders. The piping shall be wetted down with amended water prior to glove-bagging to minimize the possibility of a fiber release episode. The glove bag shall be placed around the piping, and a vacuum applied. The asbestos containing material shall be removed. After the work area is finished, the glove bag is removed and the asbestos material shall be placed in double 6 mil. poly bags, labeled and properly placed in the roll-off container. The pipe shall be wiped down and then an encapsulant applied to the pipe. All bagged waste shall go through the decontainment line prior to being placed in the roll-off container.

OSHA approved scissors lifts and ladders shall be used to access the asbestos piping for abatement.

All areas will be HEPA vacuumed or wet wiped, approximately 3 feet on either side of the overhead piping. In addition, any visible asbestos will be HEPA vacuumed as required. The HEPA vacuums are described in Appendix B.

Personal air monitoring shall be conducted in accordance to Sections 4 and 5.

4.3.2 Sample Analytical Requirements

Table 4-1 specifies location, number of samples, matrix, laboratory analyses, and rationale for each sample type.

4.3.3 Sample Packaging and Shipping

The objective of the sample packaging and shipping requirements are to maintain sample integrity from the time a sample is collected until it is received at the analytical laboratory. Chain-of-custody (COC) forms, sample labels, custody seals, and other sample documents will be completed to maintain sample integrity.

4.3.4 Sample Documentation

The following documentation is associated with sample collection and transfer:

- Field Logbooks
- Site Logbooks
- Master Sample Log
- Sample Label
- Chain-of-Custody Form
- Custody Seals
- Shipping Airbill.

5.0 FIELD INVESTIGATION ACTIVITIES

5.1 STANDARD OPERATING PROCEDURES (SOPs)

Technical guidelines used in preparing this SAP were obtained primarily from the following sources:

- Technical Memorandum TM-221—ENV: Managing Asbestos Abatement for Demolition Contracts. Naval Facilities Engineering Service Center. September 1996.
- 29 CFR 1926.58, Appendix A: National Institute for Occupational Safety and Health Administration (NIOSH) Method 7400.
- The New Jersey Department of Environmental Protection (NJDEP) Field Sampling Procedures Manual (May 1992)

All of the aforementioned guidance documents were consulted in preparation of this SAP to ensure that the procedures presented in this SAP are consistent with each document.

TABLE 4-1
NAVAL WEAPONS STATION-EARLE
DELIVERY ORDER 0034
SAMPLING AND ANALYSIS REQUIREMENTS

<i>Media</i>	<i>Analyses</i>	<i>Frequency</i>	<i>Quantity *</i>	<i>Method</i>	<i>Rationale</i>
Air	PCM	Daily	7	NIOSH 7400	To ensure workers have the proper respiratory protection. To ensure proper operation of air filtration units at exhaust units.
Air	PCM	Two per Day	14	NIOSH 7400	To ensure the asbestos-free environment of clean portion of decontamination chamber.
Air	TEM	Post Abatement	5	NIOSH 7402	To verify that the building has an environmental clearance limit of 0.01 f/cc.

PCM= Phase Contrast Microscope

TEM= Transmission Electron Microscopy

* Quantities include duplicate samples for quality assurance.

5.2 FIELD REMEDIATION PROGRAM

The following sections detail the field remediation program. Primary tasks of the program include Mobilization/Demobilization (Section 5.2.1), Asbestos Monitoring Sampling (Section 5.2.2), and Asbestos Clearance Sampling (Section 5.2.3).

5.2.1 Mobilization and Demobilization

Mobilization shall consist mobilizing a site trailer and contacting appropriate Navy personnel at NWS Earle to arrange for contractor passes and to coordinate support requirements for the remedial action.

Decontamination facilities shall be transported to the site and set-up inside or adjacent to Building GB-01. Water tanks shall also be set up on site to provide potable water for decontamination and wetting down procedures.

5.2.2 Asbestos Monitoring Sampling

Objectives

The air sampling program objectives are: 1) to ensure workers are wearing the proper protective equipment for the concentrations of asbestos in the air; 2) to ensure proper operation of air filtration units at exhaust units; 3) ensure the asbestos-free environment of clean portion of decontamination chamber; and 4) to verify that the building has an environmental clearance limit of 0.01 f/cc

Sampling Equipment, Frequency and Procedures

The collection and analysis of air samples will be conducted in accordance with NIOSH Manual of Analytical Methods, Method 7400. Air sampling stations shall be set up in breathing zone of the work place, and in the ambient air in order to assess asbestos exposure. Table 4-1 details the frequency of the sample collection. Gast High Volume Oil Less Diaphragm Pumps or Thomas Pressure Vacuum Pumps shall be used to collect the air samples. As per NIOSH Method 7400, the air samples shall be collected at a calibrated flow rate between 0.5 and 16 liters per minute, through a 25 mm cassette with a mixed cellulose ester filter, with pores of 0.8 to 1.2 um size.

The air sampling pumps shall be calibrated utilizing either primary or secondary calibration sources. These calibration systems could include cylindrical displacement meters or rotameters. The equipment calibration shall be conducted in accordance with the manufacture's specifications.

A minimum of one of the three workers conducting the asbestos abatement shall have a personal air monitor to establish levels of exposure.

The personal air monitoring laboratory analyses shall be used to determine the required respiratory protection. The respiratory protection determination logic is presented in Table 4-2. All personnel shall have the required FIT Test and medical documentation prior to commencing work.

**TABLE 4-2
RESPIRATORY PROTECTION FOR ASBESTOS FIBERS
IN ACCORDANCE WITH 29 CFR 1926.1101**

Airborne Concentration of Asbestos or Conditions of Use	Required Respirator
Not in excess of 1 f/cc (10 x PEL), or otherwise as required independent of exposure pursuant to (h) (2) (iv) of 29 CFR 1929.1101.	Half-mask air purifying respirator other than a disposable respirator equipped with high efficiency filters.
Not in excess of 5 f/cc (50 x PEL)	Full facepiece air-purifying respirator equipped with high efficiency filters.
Not in excess of 10 f/cc (1,000 x PEL)	Any powered air purifying respirator equipped with high efficiency filters or any supplied air respirator operated in continuous flow mode.
Greater than 100 f/cc (1,000 x PEL).	Full facepiece supplied air respirator operated in pressure demand mode.
Greater than 100 f/cc (1,000 x PEL) or unknown concentration.	Full facepiece supplied air respirator operated in pressure demand mode, equipped with an auxiliary positive pressure self-contained breathing apparatus.

A high efficiency filter means a filter that is at least 99.97 percent efficient against mono-dispersed particles of 0.3 micrometers in diameter or larger.

Sample Analysis

The asbestos analysis shall be conducted in accordance with National Institute for Occupational Safety and Health Administration (NIOSH) Method 7400. This method specifies that the air sample be collected across mixed cellulose ester fibers. The analysis is performed using a Zeiss Model KF2 phase contrast microscope (400 power magnification), with a Walton-Beckett eyepiece graticule. The phase contrast microscope is used to count all fibers that have length to diameter ratio of greater than three to one (3:1). Additional criteria require that all fibers counted be greater than five (5) microns in length.

5.2.3 Asbestos Clearance Sampling

Objective

The objectives of the asbestos clearance sampling is to ensure that all rooms inside building GB-01 meet the established environmental clearance limit of 0.01 f/cc.

Sampling Equipment, Procedures and Analysis

Final air samples shall be collected from the separate rooms inside the building by a third party contractor using the appropriate air sampling pumps. The samples collected shall be analyzed in accordance to NIOSH Method 7402. This method requires that the samples be analyzed by Transmission Electron Microscopy (TEM).

6.0 QA/QC VERIFICATION OF FIELD SAMPLING AND PROCEDURES FOR FIELD CHANGES AND CORRECTIVE ACTION

6.1 QA/QC FIELD AUDITS

Quality assurance and quality control during the sampling program will be performed by the Foster Wheeler Environmental Project Superintendent (PS). The PS will supervise all sampling and documentation and subcontractor operations to ensure that all activities are being performed in accordance with the SAP. The PS will report all findings to the SPEM.

6.2 FIELD CHANGES AND CORRECTIVE ACTIONS

The SPEM or his designee is responsible for all site activities. In this role, the SPEM is required at times to adjust the field program to accommodate site-specific needs. When it becomes necessary to modify a program, the responsible sampling personnel will notify the SPEM of the anticipated changes prior to implementation. Changes will only be acted upon with the SPEM's concurrence. The SPEM will consult with the Navy Technical Representative (NTR) ahead of time for major changes and receive his/her approval. If changes are implemented that are subsequently determined to be unacceptable, the actions taken during the period of deviation will be evaluated to determine the significance of any departure from established program practices.

The changes in the program will be documented on a Change Request Form (CRF), which will be signed by the PS and the SPEM. The CRFs for each change will be numbered sequentially starting with the number "01." A copy of the CRF will be attached to the file copy of the SAP. The SPEM is responsible for controlling, tracking, and implementing the identified changes.

7.0 HEALTH AND SAFETY REQUIREMENTS

A site-specific Health and Safety Plan shall be submitted as a separate document. The HASP shall include Foster Wheeler Environmental's, and their subcontractor's, approach to providing for the health and safety of its employees during the project.

8.0 WASTE REMOVAL/REGULATORY COMPLIANCE

This section addresses how the various waste streams generated during the asbestos abatement will be handled. These waste streams include asbestos insulation, personnel protective clothing, decontamination water, filters, cleaning materials, brushes, brooms, plastic sheeting, and other disposable materials.

8.1 ASBESTOS INSULATION

Upon removal from the pipe, the asbestos shall be placed inside a 6 mil. poly bag. The bag shall be sealed and placed inside a second 6 mil. poly bag. Appendix D contains detailed procedures on the handling of the asbestos waste.

8.2 INVESTIGATIVE DERIVED ASBESTOS CONTAINING WASTE

All plastic sheeting, filter cartridges, protective clothing, brushes and all cleaning materials shall be handled and disposed in accordance to the methods described in Appendix E.

8.3 MANIFESTS/SHIPPING PAPERS

Foster Wheeler Environmental's subcontractor shall provide completed waste manifests and/or bills of lading and transport documentation to the Navy for review and signature.

8.4 WASTE TRANSPORT AND DISPOSAL

Foster Wheeler Environmental's asbestos abatement contractor shall subcontract for waste transport and disposal (T&D) services. All hazardous and solid waste disposal facilities and transporters of the Navy's wastes will be evaluated for regulatory compliance and approved for use in accordance with Foster Wheeler Environmental Corporation Regulatory Compliance Procedures. This assures the Navy that solid and/or hazardous wastes will be sent to an EPA/NJDEP-approved facility. Approved facilities and transporters will be submitted to the Navy for final approval.

Appendix D contains the specific asbestos waste handling and labeling information. The asbestos shall be transported to the following facility for off-site disposal:

Monmouth County Reclamation Center
6000 Asbury Avenue
Neptune, New Jersey
Phone: (732) 918-0142

9.0 PROJECT MANAGEMENT

9.1 PROJECT SCHEDULE

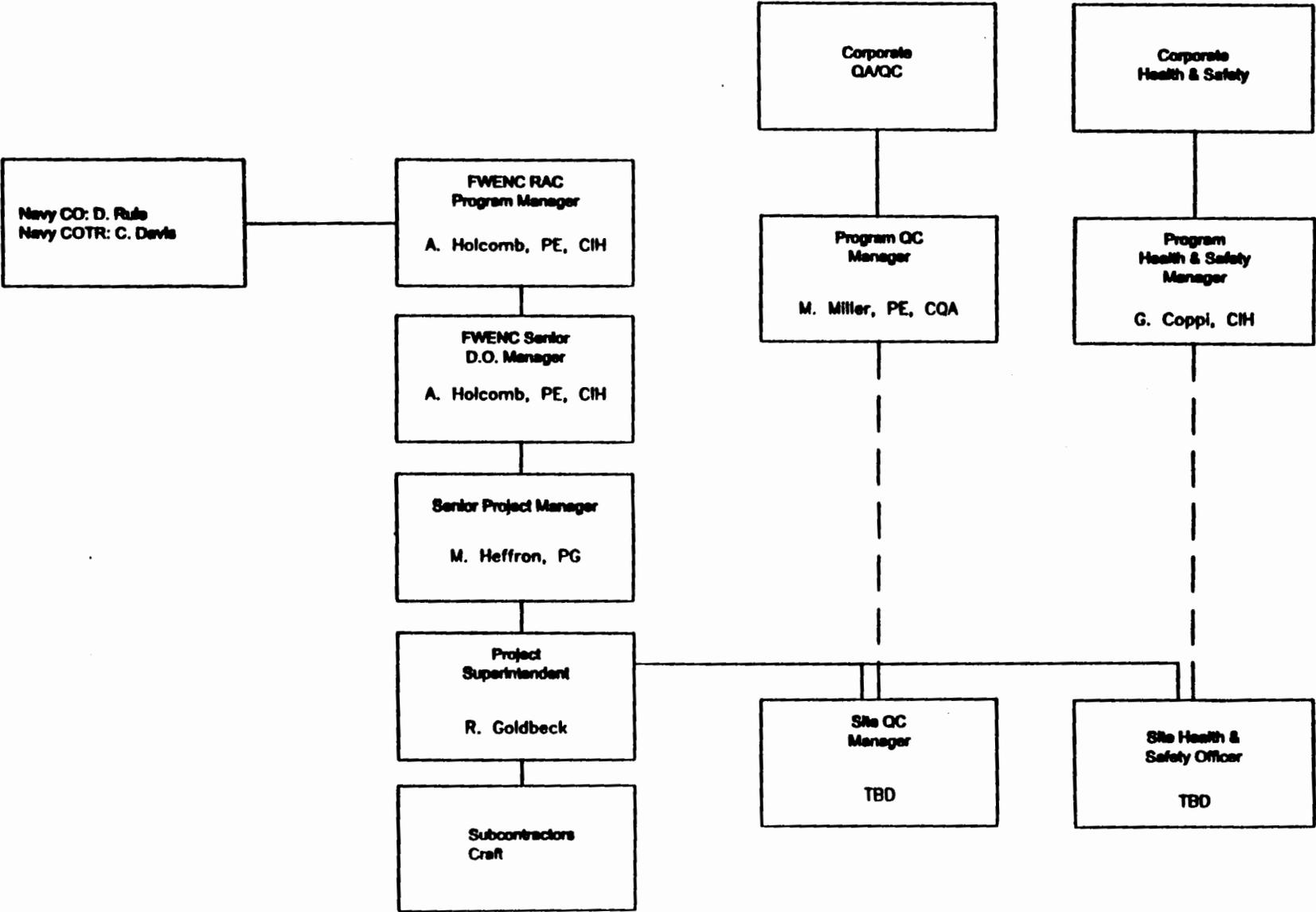
The project schedule is provided as Figure 9-1.

9.1.1 Daily Safety Meetings

Prior to starting work, a daily safety meeting will be conducted by the Foster Wheeler Environmental Health and Safety Officer. All of the day's planned activities will be reviewed, with particular attention focused on PPE and risk. All personnel are required to attend the meeting.

FIGURE 9-2

Navy / FWENC Organization Chart



10.4 CHANGES

If circumstances develop during the project that make it necessary or advisable to revise the Work Plan in order to accomplish project objectives, a Change Request Form (CRF) will be forwarded to the Navy for approval. Events such as a change in the site conditions or system performance may result in a CRF. Changes may be discussed with the Navy Design Manager telephonically and followed up with a CRF to avoid negative impacts on the project budget.

10.5 DOCUMENTATION

Documentation of operations, record keeping, photographic evidence of work performed and as analytical results will be provided to the Navy in the Final Report.

10.5.1 Operations Record Keeping

All field inspection and testing activities will be documented in a project logbook. The project logbook will be maintained in accordance with the relevant Foster Wheeler Environmental Field Technical Guidelines. The Project Manager will maintain records of quality control operations and activities for subcontractors and suppliers.

10.5.2 Photographic Documentation

Still 35mm color photographs will be taken as needed to record work progress. At a minimum, photographs will be taken of the existing conditions before work begins, during the excavation activities and during the groundwater treatment and backfilling operations. Photograph location, date and description of the activity recorded will be entered in a photo documentation log. The photographs and log will be submitted with the Final Report

State of New Jersey
 NOTIFICATION OF ASBESTOS ABATEMENT
 (Pursuant to NJAC 8:60-7 and 12:120-7)

Date of Notification (1) 10/11/28/11/0101		Name of Building Owner/Operator (2) NAVAL WEAPONS STATION, EARLE	
Agencies Notified	Type Notification	Street Address	City, State, Zip Code
<input checked="" type="checkbox"/> EPA <input checked="" type="checkbox"/> DEP <input type="checkbox"/> DOL <input checked="" type="checkbox"/> DOH <input checked="" type="checkbox"/> DCA	<input type="checkbox"/> Initial Notification <input checked="" type="checkbox"/> Amended Notification <input type="checkbox"/> Cancellation	201 HIGHWAY 34	COLTS NECK, N.J. 07722
		Name of Contact	Telephone Number
		MIKE HEFFRON	215-702-4045

Name of Facility Where Abatement is Taking Place (3) NAVAL BASE BUILDING G B-01		Type of Facility (4)	
Street Address MIDWAY ROAD		<input type="checkbox"/> School (K-12) <input type="checkbox"/> Subchapter S (Other than K-12) <input checked="" type="checkbox"/> Other (i.e., private & commercial buildings, homes, etc.)	
City (5) COLTS NECK	County (6) MONMOUTH	County Code (7) (STATE USE ONLY.) 6000	Current Use (Prior to being demolished) EMPTY STORAGE AREA
Name of Monitoring Firm Hired by Building Owner (8)		Name of Abatement Contractor (9)	
Street Address		Street Address	
City, State, Zip Code		City, State, Zip Code	
Project Manager for Monitoring Firm		Telephone Number	
		732-294-1757	
Scheduled Start Date (10) 10/21/11/10/01		Scheduled Completion Date (11) 10/31/11/11/01	
Occupancy Status During Abatement (Check only one)		Name of OSHA Monitor	
<input type="checkbox"/> Facility Closed/Vacated During Entire Period of Abatement <input type="checkbox"/> Abatement Performed Outside of Normal Facility Hours - Describe: <input checked="" type="checkbox"/> Other - Describe: 9 AM - 4:30 PM		BRIGGS ASSOCIATES	
		Street Address	
		3 CROSSWICKS STREET	
		City, State, Zip Code	
		BORDENTON N.J. 08505	

Scope of Work (Check all that apply)		<input type="checkbox"/> Full Containment with Negative Pressure <input type="checkbox"/> Mini-Enclosure <input checked="" type="checkbox"/> Glovebag Procedure <input type="checkbox"/> Non-Friable Procedure	
<input type="checkbox"/> Demolition <input type="checkbox"/> 3 sf or 23 lf <input checked="" type="checkbox"/> 2160 sf or 2260 lf		<input checked="" type="checkbox"/> Renovation	

Location of Asbestos-Containing Material (ACM) TO BE ABATED in Facility (13)	Is Location Normally Used Solely by Maintenance/Custodial Staff (12)			Description of Asbestos-Containing Material (ACM) (i.e., thermal systems insulation, surfacing, VAT, or other miscellaneous)	Amount (Specify SF or LF)	Abatement Type								
	Yes	No	N/A			R	E	M	O	V	A			
INTERIOR BUILDING			<input checked="" type="checkbox"/>	PIPE COVERING	780 LF	<input checked="" type="checkbox"/>								

Name of Registered Waste Hauler ACE INSULATION CO INC	NJDEP Waste Hauler ID No. 12086	Cubic Yards of Waste 60 CU YD	Name of Registered Landfill MONMOUTH Co. RESY. CENTRI
City, State COLTS NECK NJ 07722	Disposal Date	City, State TINTON FALLS N.J.	
Completed by (Print or Type) JACK GALL	Title PROJ MGR	Signature JACK GALL	Date 1-28-01

ASB-41
JUN 95

C4667

As specified in NJAC 7:26-2.12 the following notification of intention to demolish/renovate involving regulated asbestos containing material is provided 10 days prior to activity. The WHITE COPY of this form must be detached and mailed by the generator to

New Jersey Department of Environmental Protection

Division of Solid and Hazardous Waste

CN 414

Trenton, NJ 08624-0414

JOB #

Call 918-0142 ext
602 or 603 24/7
for assistance

The remaining sections of this form must accompany the transporter with the asbestos load to the landfill. After mailing do not wait for the State to contact you. You must call 918-0142 (ext 602 or 603) for an appointment and job number. Appointments must be scheduled 24 to 72 hours in advance of intended disposal date.

Asbestos Origin:	Name: <u>NAVAL WEAPONS STATION - EARL</u>	Telephone: <u>732-271-5576</u>
	Address: <u>BLDK C-16 SAUNDAN STREET</u>	
	<u>COLTS NECK NJ. 07722</u>	
Removal Contractor:	Name: <u>ACE INSULATION CO INC</u>	Telephone: <u>732-274-1757</u>
	Address: <u>95 MENTROSE RD</u>	
	<u>COLTS NECK NJ. 07722</u>	
Type of asbestos material:	<u>FRIABLE</u>	
Quantity of asbestos material:	<u>6 CU YD</u>	
Transporter:	Name: <u>ACE INSULATION CO INC</u>	Telephone: <u>732-274-1757</u>
	Address: <u>95 MENTROSE RD</u>	
	<u>COLTS NECK NJ. 07722</u>	
Disposal Site:	Name: <u>Monmouth County Reclamation Center</u>	NJDEP #: <u>133600590 E3</u>
	Address: <u>6000 Asbury Avenue</u>	<u>12086</u>
	<u>Tinton Falls, NJ 07753</u>	
Anticipated Disposal:	Date: <u>02-15-00</u>	Time: <u>8:00 AM</u>

FACILITY USE ONLY	
Discrepancies:	<hr/> <hr/>
Facility Receipt:	<hr/> Date: <hr/>
SOLID WASTE ENFORCEMENT TEAM	

WHITE-STATE

CANARY-FACILITY

PINK-GENERATOR

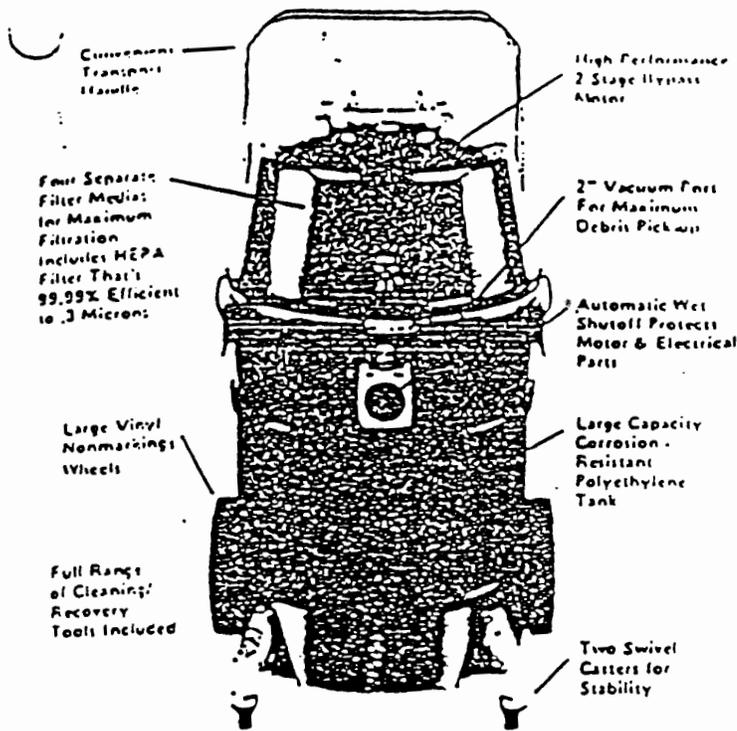
GOLD-TRANSPORTER

Specializing in
Pipe & Tank Insulation,
Asbestos Removal &
General Maintenance

ACE INSULATION COMPANY, INC.

95 Montrose Road, Colts Neck, New Jersey 07722 (201) 462-9172

- a. Vacuum Filters
- b. Respirators



ARAMSCO HEPA Filtered Tank Vacuum

ARAMSCO 54135 HEPA VACUUM

The AramSCO HEPA tank vacuum is specifically designed to meet demanding cleaning applications found in areas under strict environmental control.

Ideally suited for wet or dry debris recovery, this large capacity vacuum offers:

- High-Performance 2-stage bypass vacuum motor for maximum suction and pick-up power.
- HEPA filtration capable of screening contaminants as small as .3 microns with 99.99% efficiency.
- Automatic wet shutoff protects motor, filter and electrical component parts from moisture damage.
- 50' cord power cord provides ample reach so that the operator can cover more area between plug-ins.
- 16 gallon corrosion-resistant polyethylene tank allows the operator to recover more debris between emptying stops.

REPLACEMENT PARTS:

- 54136...HEPA Filter Cartridge.....\$70.00 Ea.
- 54137...Microstat Filter(12pk.).....\$65.00 Pk.
- 54138...Enclosed Paper Filter Bag.....\$4.20 Ea.

ITEM 54135 HEPA Filtered Tank Vacuum \$900.00

MACHINE SPECIFICATIONS

Part No.	64136	Tank Size	16 gal. (60.6 L)	Cord	60' 9 15.3 m (15.3 m)
Motor	2-stage bypass 1 1/2 hp 115v/60 hz	Recovery Capacity	10.8 gal. (40.9 L) wet	Height	36" (92.7 cm)
			1 1/4 bu (44.0 L) dry	Width	19" (48.3 cm)
Tank	Rotocast Polyethylene	Air Volume	98.9 cfm (2.6 cu m/m)	Machine Weight	69 lb (26.6 kg)

ARAMSCO Dry Compact Asbestos Vacuum

ALSO AVAILABLE in WET/DRY VERSION

The perfect asbestos vacuum for small areas with the same high standards and quality of performance of our other vacuums. Easy to transport to job site. The HEPA filter is rated at a minimum efficiency of 99.99 at .0.3 microns, DGP Method.

STANDARD FEATURES:

- 4.1 HP, Two Stage By-Pass Motor, 7.2 AMPS, 25" vertical, 96 CFM motorhead.
- 1 gallon galv. steel tank with baked enamel finish and four casters.
- Vacuum Motor 2 years, parts 90 days
- Filter system includes primary HEPA 12" series A fiberglast prefilter.
- Shipping weight: 45 lbs.

Filter Replacements & Accessories

ITEM	DESCRIPTION	PRICE
54181	Tool Kit	55.00
54182	HEPA Filter w/Plastic Frame	243.80
54183	Polyester Prefilter (3 pk.)	12.70
54184	Disposable Collector Bags (3 paper/poly)	15.60
54185	Disposable Paper Collector Bag (3 pk.)	12.50

ITEM 54180 AramSCO Dry Compact Asbestos Vacuum

ARAMSCO Back-Pack Asbestos Vacuum

The ideal asbestos vacuum for hard-to-reach areas. Goes where you go, on your back with all of the quality features of standard asbestos vacuums.

FEATURES:

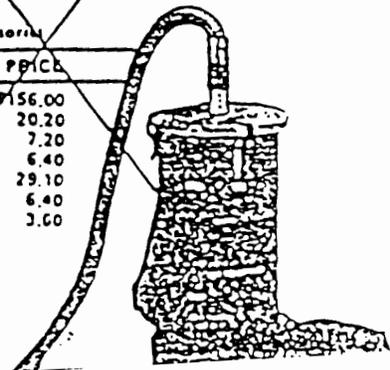
- 50 ft. 3 wire safety cord with on-line switch enabling operator to work large areas.
- Absorbic plastic lightweight Back-Pack frame with wide stepping for maximum comfort & ease of cleaning.
- Equipped with HEPA 12" providing 99.97% efficiency at .3 microns DGP method, for safe efficient asbestos cleanup.
- Molashin cloth filter and Paper filter bag combined with the HEPA filter gives the added protection of triple filtration.
- Heavy gauge steel tank with baked enamel finish makes the unit corrosion resistant for long life.
- Top fill design insures maximum bag capacity.
- Equipment comes with 15 ft. crush proof hose dusting tool.

Filter Replacements & Accessories

ITEM	DESCRIPTION	PRICE
54191	HEPA Filter	156.00
54192	Paper Bag (12 pk.)	20.20
54193	Cloth Bag	7.20
54194	Back Rest Pads (6 pk.)	6.40
54195	Replacement Hose	29.10
54196	Dust Brush	6.40
54197	Crevice Tool	3.60

ITEM 54190
AramSCO Back-Pack
Asbestos Vacuum

\$550.00



NORTH 7700 SERIES HALF MASK AIR- PURIFYING RESPIRATORS

NIOSH/MSHA Certified

The North 7700 Series is the most comfortable half mask respirator available today. What makes it so comfortable? For one thing, the facepiece is made of soft, hypoallergenic silicone. Because silicone is so much more flexible than organic rubber, it conforms to a worker's face. And three facepiece sizes make it much easier to fit your workers.

The North 7700's cradle suspension system also adds to the comfort of this respirator. The North 7700 doesn't slip like respirators with conventional strap systems. The cradle suspension gives an even seal without creating pressure points.

The low profile of the North 7700 gives workers a wide field of vision and room for protective eyewear. Its low inhalation and exhalation resistance makes breathing easier, leaving more energy for production.



Series 7700
(Shown with N7500-3 Cartridges,
N7500-6 Filters and N7500-27
Fit Check/Filter Cover)



Features	Benefits
State-of-the-art design and materials	Provides wearer with the best fitting, most comfortable facepiece, thereby improving health and safety.
Silicone facepiece material	Wearer comfort. Readily conforms to facial features and doesn't harden with age. Easy to clean. Durable. Stands up to repeated cleanings better than any other facepiece material. Resists distortion, ensuring a better fit, time after time.
Contoured sealing flange	The most comfortable, best fitting half mask facepiece available. Eliminates discomfort caused by pressure points on facial nerves. Design of the nose area provides excellent fit and comfort.
Extended side flanges	Provide best possible seal during talking or other facial motions.
Low dead air space	Improves worker comfort by limiting "re-breathing" of exhaled air.
Three overlapping facepiece sizes	Comfortable fit for largest number of respirator wearers
Cradle suspension system	Cradle straps provide a comfortable, secure fit without slipping. Convenient side adjustment of head band straps. "One-Piece" suspension prevents loss or misassembly of individual straps. Easily removed for cleaning.
Headband yoke	Allows cartridges to be located lower and further back, improving side vision.
Exhalation valve assembly	Exceptionally low breathing resistance. Positive pressure fit check without removing cover
Direct cartridge-to-facepiece seal	Eliminates the risk of improper seal and reduced protection due to lost or worn sealing gaskets. Minimizes replacement parts inventory. Ease of maintenance, no cartridge receptacles to clean.

NORTH 85200 SERIES FULL FACEPIECE CONTINUOUS FLOW AIRLINE RESPIRATOR

NIOSH/MSHA Certified
TC-19C-110



Model 85201

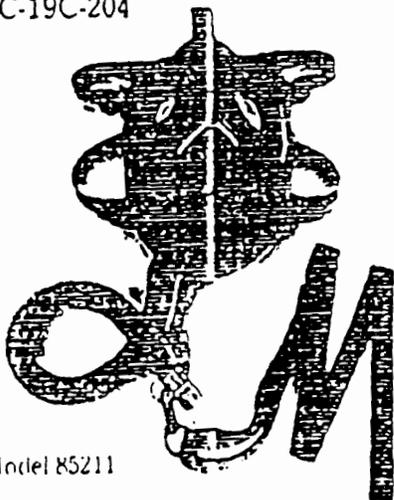
The 85200 Series Respirator is a full facepiece Type C continuous flow supplied air respirator, which provides both respiratory and eye protection against most gases, vapors and particulates for extended periods of time. The silicone full facepiece offers excellent comfort and fit. A belt-mounted control valve allows the worker to obtain the air flow desired to keep cool and comfortable.



Features	Benefits
Silicone full facepiece	Soft, pliable, comfortable to wear.
Dual flange	Inner/outer sealing flange for superior fit characteristics.
Speaking diaphragm	Offers clear communication when needed. Standard equipment.
Some components are interchangeable between this and other North continuous flow airline respirators and cartridge respirators.	Minimizes replacement parts and inventory levels.
Two facepiece sizes, small and medium/large.	Comfortable fit for the largest number of respirator wearers.

NORTH 85210 SERIES AIRLINE RESPIRATOR WITH FIXED FLOW CONTROL

NIOSH/MSHA Certified
TC-19C-204

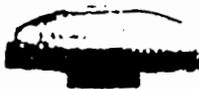
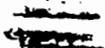
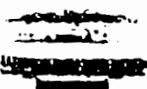
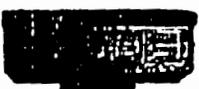
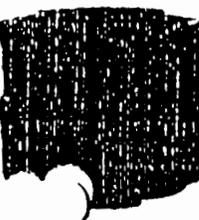


Model 85211

This full facepiece airline respirator is identical to the 85200 Series shown above, except that the belt-mounted flow control valve has been eliminated. Instead, the flow is fixed by an orifice bushing, requiring the user to adjust air flow by changing the air pressure at the source. This feature offers economy without compromising worker safety since the 85210 Series has all of the same features and benefits as the 85200 Series.



Features	Benefits
Silicone full facepiece	Soft, pliable, comfortable to wear.
Two facepiece sizes, small and medium/large.	Comfortable fit for the largest number of respirator wearers.
Dual flange seal	Superior fit.
Oral/nasal cup	Reduces fogging, lessens "dead-air" space. Standard equipment.
Speaking diaphragm	Easy communication. Standard equipment.
Hard coated polycarbonate lens	Excellent optics. Scratch and impact resistant. Meets impact and penetration requirements of ANSI Z87.1-1989.
Wraparound lens	Provides over 200° field of vision. Anti-claustrophobic design.

	Organic Vapors or Formaldehyde Cartridge	for respiratory protection against organic vapors or formaldehyde					
	N7500-6 Dust/Mist Filter N7500-27 Fit Check/Filter Cover	Dusts and Mists: Approved for use in conjunction with N7500-1, N7500-2, N7500-3, N7500-4 and N7500-5 for additional respiratory protection against dusts and mists having a time-weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot.	7711/5511 TC-23C-73 7712/5512 TC-23C-229 7713/5513 TC-23C-66 7714/5514 TC-23C-64 7715/5515 TC-23C-1293	77BP11 TC-23C-103 77BP12 TC-23C-230 77BP13 TC-23C-105 77BP14 TC-23C-177 77BP15 TC-23C-1297	7611 TC-23C-103 7612 TC-23C-230 7613 TC-23C-105 7614 TC-23C-177 7615 TC-23C-1297		
	N7500-6 Dust/Mist Filter N7500-15 Filter Holder N7500-27 Fit Check Filter/Cover	Dusts and Mists: Approved for respiratory protection against dusts and mists having a time-weighted average not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot. N7500-31 Complete Assembly (Filter, Holder & Cover)	7706/5506 TC-21C-151		7606 TC-21C-151		
	N7500-9 Low Profile, Dust, Mist and Fume Filter N7500-26 Retaining Ring	Dusts, Fumes and Mists: Approved for use in conjunction with N7500-1, N7500-2, N7500-3, N7500-4 and N7500-5 for additional respiratory protection against dusts, fumes and mists having a time-weighted average not less than 0.05 milligram per cubic meter or dusts and mists having a time-weighted average not less than 2 million particles per cubic foot.	7791/5591 TC-23C-649 7792/5592 TC-23C-652 7793/5593 TC-23C-655 7794/5594 TC-23C-658 7795/5597 TC-23C-1295	77BP91 TC-23C-650 77BP92 TC-23C-653 77BP93 TC-23C-656 77BP94 TC-23C-659 77BP95 TC-23C-1299	7691 TC-23C-650 7692 TC-23C-653 7693 TC-23C-656 7694 TC-23C-659 7695 TC-23C-1299		
	N7500-9 Low Profile, Dust, Mist and Fume Filter N7500-15 Filter Holder N7500-26 Retaining Ring	Dusts, Fumes and Mists: Approved for respiratory protection against dusts, fumes and mists having a time-weighted average not less than 0.05 milligram per cubic meter or dusts and mists having a time-weighted average not less than 2 million particles per cubic foot. N7500-50 Complete Assembly (Filter, Holder & Ring)	7790/5590 TC-21C-340	77BP90 TC-21C-341	7690 TC-21C-341		
	N7500-7 Dust, Fumes and Mists Filter	Dusts, Fumes and Mists: Approved for respiratory protection against dusts, fumes and mists having a time-weighted average not less than 0.05 milligram per cubic meter or dusts and mists having a time-weighted average not less than 2 million particles per cubic foot.	7707/5507 TC-21C-203	77BP07 TC-21C-204	7607 TC-21C-204		
	N7500-8 Highly Toxic Particulates Filter (HEPA)	Dusts, Fumes, Mists and Radionuclides: Approved for respiratory protection against dusts, fumes, and mists having a time-weighted average less than 0.05 milligram per cubic meter, asbestos containing dusts and mists and radionuclides.	7780/5580 TC-21C-152	77BP80 TC-21C-168	7680 TC-21C-168		
	N7500-81 Organic Vapors, Highly Toxic Particulates, and Paint, Lacquer and Enamel Mists Filter/Cartridge (HEPA)	Organic Vapors, Dusts, Fumes, Mists, Radionuclides, Radon Daughters, Paint, Lacquer and Enamel Mists; and Pesticides: Approved for respiratory protection against: (1) mists of paints, lacquers and enamels; (2) organic vapors or; (3) any combination thereof; (4) dusts, fumes and mists having a time-weighted average less than 0.05 milligram per cubic meter; radon daughters attached to these dusts, fumes and mists; asbestos containing dusts and mists; radionuclides and; (5) pesticides. Do not use for protection against isocyanate. Do not use for protection against	7781/5581 TC-23C-204	77BP81 TC-23C-205	7681 TC-23C-205		



41

Phone (770) 339-2600
FAX (770) 339-2601
Sales/Orders (800) 634-9091

Abatement Technologies, Inc. • 1705 Belle Meade Court • Suite 160 • Lawrenceville, GA 30243

To whom it may concern:

This is to certify that Abatement Technologies' HEPA-AIRE air filtration machines are manufactured in accordance with ANSI Z9.2-1974 requirements for negative pressure generating air filtration equipment. Units include the H1000V, H1990C, H2000A, H2000C, H2000P, H2000EA, H2000EC and H5000C. These machines are also designed to meet or exceed the requirements of ANSI N509-1980 for overall filtration efficiency.

Each of the Type A HEPA filters we supply as original equipment in these machines has been individually tested in accordance with IES-RP-CC-001-86 and certified to meet or exceed a minimum filtration efficiency of 99.97% against 0.3 micron particles. Individual filter efficiency results are labeled on each filter.

Use of substitute HEPA filters in HEPA-AIRE machines voids all performance claims and warranties.

Sincerely,

A handwritten signature in black ink, appearing to read 'David M. Shagott', written over a horizontal line.

David M. Shagott
President
Abatement Technologies, Inc.

DS:db



39



Critical-Vac Filtration Corporation

701 Hannibal St. - P.O. Box 736
Fulton, NY 13089

Phone: (315) 593-6582
Fax: (315) 593-7350

Fax Transmittal

Date: January 26, 1998

To: Mr. George West
ACE Insulation

From: Fred Bulken

Fax No.: 732-462-3044

Re: Filter Certification

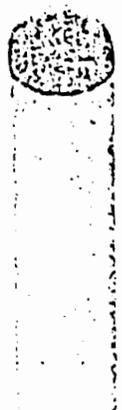
Dear Mr. West:

This letter will certify that all C-Vac replacement HEPA (High Efficiency Particulate Air) filters meet ANSI Z9.2-1971 when installed properly in complying vacuum equipment. Additionally, all C-Vac HEPA filters are, as referenced in EPA and OSHA definitions for HEPA filters, "capable for trapping and retaining at least 99.97 percent of all monodispersed 0.3 microns in diameter or larger."

Sincerely,

A handwritten signature in cursive script that reads "Fred Bulken".

Fred Bulken





February 17, 1989

To Whom it May Concern:

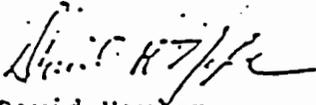
All HEPA filtered vacuums and HEPA filtered negative air machines featured in this catalog are manufactured and tested to meet ANSI Z9.2 standards.

All our HEPA filters are D.O.P. tested in accordance with Mil-STD 282 and are registered and labeled on each individual unit by the manufacturer.

They meet or exceed a minimum of 99.97% efficiency for .3 micrometer particles.

Sincerely,

ARAMSCO - A HERBERT ABRAMS COMPANY, INC.


David Naylor
Sales Manager

DN/vl



Briggs Associates
A Division of H & R Environmental, Inc.

Certificate of Respirator Selection & Fit Testing

Employee Name: Tomasz Przybylski S.S.No. 057-56-3721

Respirator issued: Half Face

Make & Model: North P100

Approval No.: _____

Serial No. : _____

Issued by : [Signature] Date: 1-27-00

	YES	NO	NA
If needed, tested with glasses:	<u>X</u>	___	___
If powered, was power off:	___	___	<u>X</u>
Clean shaven & no facial deformities:	<u>X</u>	___	___
Quantitative fit test performed:	___	___	___
Qualitative fit test performed:	<u>X</u>	___	___
Was acrid smoke used as testing agent:	<u>X</u>	___	___
Was isoamyl acetate test agent used:	___	___	___
Was face contorted by talking & movement:	___	___	___
Was the test performed under exertion:	___	___	___
Was employee's reaction to agent observed:	___	___	___

I certify that I have been made aware of the hazards involved with asbestos work. I have received training in, and understand the care and use of my assigned respirator. I have been fitted and received the correct size and type of respirator, and a respirator leak test has been performed to verify a proper fit.

Employee Signature: [Signature] Date: _____

The tests were conducted in compliance with OSHA 29 CFR 1910.134, 1001 & 1926.58

Occupational Medicine:
General, Traumatic and Hand Surgery
Diplomate American Board of Surgery

ALEXANDER HASELKORN, M.D.P.A.

750 Broadway, Floor 2
Paterson, N.J. 07514

Tel(201)279-8850
Fax(201)279-9716

Company name: _____ Date: 2/15/00
Patient Name Tomasz Przybylski Date of birth: 12/12/48
Address: 52-36 ~72nd Place City: Manhasset State: NY Zip: 11778
Sex: M Age: 51 Phone: (917) 396-1961 SS#: 057-56-3721

H I S T O R Y

Back injuries: Yes, lower back 12 years ago. Hernia: None
Fractures: None Operations: _____
Disabilities/Deformities: None
Serious illnesses: None
Allergies: None
Accident/Compensation Injuries: Yes above mentioned back injury. ok at present time.
Respiratory problems/Asthma: None
Female History: No. # of Children: _____ Last menstrual period: _____
Vision: Normal Glasses: Yes Hearing: Normal

P H Y S I C A L E X A M I N A T I O N

Height: 73" Weight: 232 lbs. Blood pressure: 134/90 Pulse: 72
Heart: Normal Lungs: Normal
Abdomen: Normal Hernia: None
Genitalia: Normal Ext. Inguinal Rings: Normal
Extremities: Normal Scars: None
Breasts: Normal Spine: Normal
Reflexes: Normal Teeth: Normal
Head: Normal Nose/Throat: Normal
Ears: Normal Eyes: Normal
Urinalysis: _____ Protein: _____ Sugar: _____ Micro: _____
Smoker? Yes Quantity per day: 10 units Previously worked with asbestos? _____ How
long? 8 years Chest X-rays (on file) 2 views: Normal on file 12/16/96

R E M A R K S & R E C O M M E N D A T I O N S

Normal exam
stop smoking

OK to use respirator per his procedure

Physician's Signature: Alexander Haselkorn, MD PA Date: 2/15/00

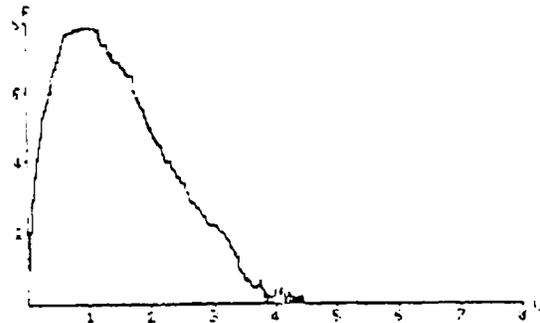
EXAM.DOC

VITALOGRAPH - ALCOA

DATE: 2/15/00
NAME: *Tomasz Przytylski*
REFERENCE NO: 1
AGE: 51
HEIGHT: 73 INCHES
SEX: MALE
ETHNIC ORIGIN: CAUCASIAN
PREDICTION REFERENCE: MORRIS

SOFTWARE REF. NO: 61.205 ISSUE 2
LAST CALIBRATION DATE: 01-08-99
CALIBRATION CHECK DATE: 07-08-99

	PRED.	MEAS.	%
VC	5.29	----	-
FVC	5.29	4.35	82
FEV1	3.62	3.37	94
FEV1 %	72	62	87
PEF	309	474	153
FEF25-75	3.65	3.65	100
FEF25	3.91	4.70	120
FEF50	5.28	3.60	68
FEF75	2.09	0.50	24
FIF25	5.38	----	-
FIF50	5.54	----	-
FIF75	4.70	----	-



** INTERPRETATION **

NORMAL VENTILATORY FUNCTION
CURVE VERIFICATION: SIGNED ...

[Handwritten Signature]
2/15/00



Asbestos and Lead Abatement Training
861 Manhattan Ave., Suite 14, Brooklyn New York 11222
Tel.:(718) 349-3235 Fax.:(718) 349-3238

HEREBY CERTIFIES THAT
Tomasz Przybylski

HAS SUCCESSFULLY COMPLETED N.Y.S. D.O.H. / N.J. D.O.H. / US E.P.A / A.H.E.R.A. 46 Hour Course Entitled
ASBESTOS SUPERVISOR CONTRACTOR

FOR THE PURPOSE OF TITLE 10 NYCRR PART 73 / N.J. AC 8.60 CERTIFICATION AND E.P.A.-40 CFR Part 763
THE OFFICIAL RECORD OF SUCCESSFUL COMPLETION OF THIS COURSE IS
THE DOH 2832 CERTIFICATE OF COMPLETION OF ASBESTOS SAFETY TRAINING

On This 23rd Day of January, 2000
Date(s) of course : 01/14/00 to 01/23/00
Director: Marian Gontarz

Exam Date: 01/23/00

Exp. Date. : 01/23/01

Certificate #: ASCNYNJ012300-3

Exam Grade: 86%

New Jersey Department of Health and Senior Services
 Consumer and Environmental Health Services
 PO Box 360
 Trenton, NJ 08625-0360

C 53145

ASBESTOS TRAINING INFORMATION RECORD

In accordance with N.J.A.C. 8:60, for purposes of examinations and submission of permit applications, this form is valid one year from the ending date of the course.

(Please Print)

I. TRAINEE INFORMATION - To be Completed by Trainee

Last Name of Trainee Przybylski		First Name Tomasz		MI
Street Address 62-36 72 Place				
City Masspeth			State NY	Zip Code 11378
Home Telephone No. 718-398-1961	Social Security Number* 057-56-3721	Date of Birth 12/21/48	Sex <input checked="" type="checkbox"/> Male [] Female	
Signature <i>[Handwritten Signature]</i>			Date 01/23/00	

*Pursuant to the Privacy Act, 5 U.S.C./552a, the disclosure of social security numbers is voluntary. This number will be used for statistical purposes only.

II. COURSE INFORMATION - To be Completed by the Training Agency

Please enter corresponding number on line.

Type of Course 1	1. Initial	2. Refresher
Course discipline 2	1. Worker	2. Supervisor
Course Dates - Beginning 01/14/00	Ending 01/23/00	
Total Course Hours 46		
Course Language 1		
1. English	2. Spanish	3. Polish
		4. Serbo-Croatian
Written Course Exam Score 86	%	

III. TRAINING AGENCY INFORMATION - To be Completed by the Training Agency

Name of Training Agency ANDO International, Inc.	Agency No. 47	Telephone Number (718) 349-3275
Address 861 Manhattan Ave, Suite 14		City Brooklyn
State NY		Zip Code 11222
Name of Instructor (Print) BOGDAN BULJOVIC	Signature <i>[Handwritten Signature]</i>	Date 01/23/00

Distribution:
 White - Training Agency
 Canary - NJDHSS
 Pink - NJ Department of Community Affairs
 Goldenrod - Trainee

This certificate is the only documentation acceptable for purposes of Interstate reciprocity among the Consortium of Northeast States. Certificate No. **283229**

I - To be completed by trainee

Name of trainee (print): **Tomasz Przybylski** Social Security Number: **057-56-3721**

Name of trainee (signature): *Tomasz Przybylski* Telephone Number: **718-396-1961**

Address: **52-36 72 Place Maspeth NY 11378**
(Street or PO Box) (City) (State) (Zip Code)

II - To be completed by training sponsor

Sponsor's Name: **ANDO International, Inc.** Telephone Number: **(718)349-3235**

Address: **861 Manhattan Ave. Suite 14 Brooklyn N.Y. 11222** Zip Code: _____
Course Location: **S A M E**

Course Title: **Supervisor Contractor**

Language of Training: English Other: **ENGLISH** Exam Grade: **86%**
Dates of Training: From: **01/14/00** To: **01/23/00** Expires: **01/23/01**

I certify that the asbestos safety training course given on the above date complied with both 10NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the student receiving this certificate completed the training course and successfully passed the examination.

Course Director: **Marian Ginter** (Printed)

[Signature]
(Signature)
STUDENT

DOH-2832 (7/98)

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
ASBESTOS LICENSING



WHEEL, JEFFREY A
1030 Ocean Ave
Apt. B
Seabright NJ 07760

834 SUPVR

PA 40 14 00 01 04 54

M 11 2 2

05/19/99

05/19/00

05720

05720



FAIR LAWN MEDICAL ATTENTION CENTER, P.A.

15-01 BROADWAY, FAIR LAWN, NEW JERSEY 07410 TELEPHONE (201) 794-3600

David Roman, M.D., Medical Director

LIMITED PHYSICAL EXAMINATION (FOR RESPIRATOR AND ASBESTOS WORK)

PATIENT NAME Jeffrey Wiles SSN 154481438 DATE 3/13/99
 BP 118/80 TEMP 98.0 PULSE 74 RESPIRATION 16 AGE 45
 HT 6ft WT 148 lbs. DOB 3/4/54 Vision OU 20/20 OS 20/20
CONTACT LENS

	(-)	(+)	COMMENTS
FACIAL HAIR			Meds: Lithium, Zylben, Tranizer, prn Zylben
FACIAL DEFORMITY	<input checked="" type="checkbox"/>		
FINGER CLUNNING	<input checked="" type="checkbox"/>		
	Normal	Abnormal	Mixy: manic depression
COLOR			PSY: ϕ - NKA -
CHEST (SHAPE & EXPANSTON)	<input checked="" type="checkbox"/>		AMULE ϕ 1/2 PAD
HEART	<input checked="" type="checkbox"/>		ETOH = ϕ SOCIALLY (rare)
Abdomen/Hernia	<input checked="" type="checkbox"/>		
TREMITY			
NEUROLOGIC	<input checked="" type="checkbox"/>		
RESPIRATORY HISTORY	YES	<input checked="" type="checkbox"/> NO	pt has worked x 12 years.

COMMENTS:

4/13/99 NORMAL ABNORMAL
 CHEST X-RAY

11/13/99
no emal
spirometry.

PREDICTED NORMALS			MEASURED VALUES			PREDICTED %		
FVC	FEV ₁	FEV ₁ %	FVC	FEV ₁	FEV ₁ %	FVC	FEV ₁	FEV ₁ %
5.31	4.33	71.20%	6.63	4.90	73.96%	125%	113%	91%

MEDICALLY CLEARED FOR RESPIRATOR USE: YES NO
 MEDICALLY CLEARED FOR ASBESTOS REMOVAL WORK: YES NO

COMMENTS & RECOMMENDATIONS:



CITY OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF AIR RESOURCES
 295 LAFAYETTE STREET, NEW YORK, N.Y. 10012

HARVEY W. SCHULTZ
 Commissioner

SAMUEL STEPLER, P.E.
 Assistant Commissioner

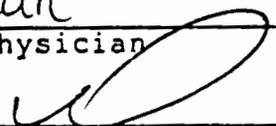
7/11/94

APPENDIX A

MEDICAL EXAMINATION FOR ASBESTOS WORKERS

APPLICANT NAME: Jeffrey A. West
 HOME ADDRESS: 1030 APT D OCEAN AVE
SEA BRIGHT N.J. 07760
 TELEPHONE #: (732) 219-0217
 DATE OF BIRTH: 3/4/54
 SOCIAL SECURITY #: 154-48-1438

Based upon the medical examination which included pulmonary function tests of vital capacity (FVC) and forced expiratory volume at one second (FEV₁) and an evaluation of a recent chest roentgenogram it is my opinion that the above named patient (please check appropriate box) IS IS NOT physically qualified to wear a respirator in the performance of his/her job:

Dr. D. Roman
 Name of Physician
X 
 Signature of Physician
MA49017
 State License Number.

7/13/94
 Date of exam
Fair Lawn Medical Attention Center
15-01 Broadway, Fair Lawn, N.J. 07410
 Address
(201) 794-3600
 Telephone Number



FAIR LAWN MEDICAL ATTENTION CENTER, P.A.

15-01 BROADWAY, FAIR LAWN, NEW JERSEY 07410 TELEPHONE (201) 794-3600

David Roman, M.D., Medical Director

COMMENTS, RECOMMENDATIONS AND PHYSICIAN'S OPINIONS

NAME: Jeffrey A. Wuest
SOCIAL SECURITY NUMBER: 154-48-1438
DATE: 4/13/99

The above named, has been informed of the increased risk of lung cancer attributed to the combined effects of smoking and asbestos exposure.

MEDICALLY CLEARED FOR
ASBESTOS REMOVAL AND
RESPIRATOR USE

A large, stylized handwritten signature in black ink, appearing to be the name 'Jeffrey A. Wuest', written over the printed name field.



Briggs Associates
 A Division of H & R Environmental, Inc.

Certificate of Respirator Selection & Fit Testing

Employee Name: Jeffrey A Wuest S.S.No. 154-48-1438

Respirator issued: Half Face

Make & Model: 3 m 7090

Approval No.: _____

Serial No. : _____

Issued by : W. J. [Signature] Date: 1-27-00

	YES	NO	NA
If needed, tested with glasses:	<u>X</u>	___	___
If powered, was power off:	___	___	<u>X</u>
Clean shaven & no facial deformities:	<u>X</u>	___	___
Quantitative fit test performed:	___	___	___
Qualitative fit test performed:	<u>X</u>	___	___
Was acrid smoke used as testing agent:	<u>X</u>	___	___
Was isoamyl acetate test agent used:	___	___	___
Was face contorted by talking & movement:	___	___	___
Was the test performed under exertion:	___	___	___
Was employee's reaction to agent observed:	___	___	___

I certify that I have been made aware of the hazards involved with asbestos work. I have received training in, and understand the care and use of my assigned respirator. I have been fitted and received the correct size and type of respirator, and a respirator leak test has been performed to verify a proper fit.

Employee Signature: [Signature] Date: 1-27-2000

The tests were conducted in compliance with OSHA 29 CFR 1910.134, 1001 & 1926.58

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
ARREST LICENSING

WUEST, GEORGE B
95 Montross Rd



College Neck		NJ 07777	
BRI	SUPVR		
145 44 6120	17714500		
M	07/03/99	07/03/00	
	07/03/99	07/03/00	

COPY



FAIR LAWN MEDICAL ATTENTION CENTER, P.A.

15-01 BROADWAY, FAIR LAWN, NEW JERSEY 07410 TELEPHONE (201) 794-3600

David Roman, M.D., Medical Director

LIMITED PHYSICAL EXAMINATION (FOR RESPIRATOR AND ASBESTOS WORK)

PATIENT NAME WURST, GEORGE G. SSI 145-446178 DATE 4/13/99
 BP 140/84 TEMP 98.0 PULSE 72 RESPIRATION 14 AGE 48
 HT 69" WT 139 DOB 12/13/50 Vision 20/20 20/30 20/40
 Goggles

	(-)	(+)	COMMENTS
FACIAL HAIR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MUSC. PSYCH MIDLY NKA Smoke CIGARS ETH & WINE
FACIAL DEFORMITY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
FINGER CLUBBING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
COLOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CHEST (SHAPE & EXPANSTON)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
HEART	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Abdomen/Hernia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
XTREMITY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NEUROLOGIC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
RESPIRATORY HISTORY	YES	<input checked="" type="checkbox"/> NO	PT HAS WORKED 20+ YEARS IN ASBESTOS.

COMMENTS: _____

1399 - Normal Abnormal
 CHEST X-RAY

SPIROMETRY
 4/13/99 -
 mild restriction -

PREDICTED NORMALS			MEASURED VALUES			PREDICTED %		
FVC	FEV ₁	FEV ₁ %	FVC	FEV ₁	FEV ₁ %	FVC	FEV ₁	FEV ₁ %
4.58	3.74	81.74%	3.56	2.64	74.15%	78%	77%	91%

MEDICALLY CLEARED FOR RESPIRATOR USE: YES NO
 MEDICALLY CLEARED FOR ASBESTOS REMOVAL WORK: YES NO

COMMENTS & RECOMMENDATIONS: _____

N.D.

EXAMINING PHYSICIAN)



FAIR LAWN MEDICAL ATTENTION CENTER, P.A.

15-01 BROADWAY, FAIR LAWN, NEW JERSEY 07410 TELEPHONE (201) 794-3600

David Roman, M.D., Medical Director

COMMENTS, RECOMMENDATIONS AND PHYSICIAN'S OPINIONS

NAME: George C. WINEST
SOCIAL SECURITY NUMBER: 145 44 6178
DATE: 4/13/99

The above named, has been informed of the increased risk of lung cancer attributed to the combined effects of smoking and asbestos exposure.

MEDICALLY CLEARED FOR
ASBESTOS REMOVAL AND
RESPIRATOR USE



CITY OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF AIR RESOURCES
 295 LAFAYETTE STREET, NEW YORK, N.Y. 10012

HARVEY W. SCHULTZ
 Commissioner

SAMUEL STEPLER, P.E.
 Assistant Commissioner

APPENDIX A

MEDICAL EXAMINATION FOR ASBESTOS WORKERS

APPLICANT NAME: George G. West
 HOME ADDRESS: 95 Montrose Road
C/15 Neck NJ 07722
 TELEPHONE #: (732) 294-1757
 DATE OF BIRTH: 12/13/50
 SOCIAL SECURITY #: 145-44-6178

Based upon the medical examination which included pulmonary function tests of vital capacity (FVC) and forced expiratory volume at one second (FEV₁) and an evaluation of a recent chest roentgenogram it is my opinion that the above named patient (please check appropriate box) IS IS NOT physically qualified to wear a respirator in the performance of his/her job:

Dr. D. Roman
 Name of Physician
X
 Signature of Physician
MA49017
 State License Number

4-13-99
 Date of exam
Fair Lawn Medical Attention Center
15-01 Broadway, Fair Lawn, N.J. 07410
 Address
(201) 794-3600
 Telephone Number



REG#

006140

Certificate of Completion

AHERA/EPA Accredited Per 40 CFR Part 763

This is to certify that

George G. Wuest

S/S #145-44-6178

Successfully completed the course entitled

1-Day New Jersey/EPA/AHERA Asbestos

Supervisor/Contractor Refresher

On

April 10, 19 99

Examination passed on

N/A 19

April 10, 2000

Expiration Date

Doris L. Adler

President

April 10, 1999

Date

Per 10 NYCRR Part 73.2 (L) (1). DOH 2832 Certificate of Completion of Asbestos Safety Training is the only official record of training for N.Y.S. students.

3321 Doris Avenue, Building B, Ocean, NJ 07712 (732) 531-5571

Language: English

ABIH 1 CM POINT



Briggs Associates
 A Division of H & R Environmental, Inc.

Certificate of Respirator Selection & Fit Testing

Employee Name: George G Wuest S.S.No. 145-44-6178

Respirator issued: Half Face

Make & Model: 3 m - 7090

Approval No.: _____

Serial No. : _____

Issued by : W. J. [Signature] Date: 1-27-00

	YES	NO	NA
If needed, tested with glasses:	<u>X</u>	---	---
If powered, was power off:	---	---	<u>X</u>
Clean shaven & no facial deformities:	<u>X</u>	---	---
Quantitative fit test performed:	---	---	---
Qualitative fit test performed:	<u>X</u>	---	---
Was acrid smoke used as testing agent:	<u>X</u>	---	---
Was isoamyl acetate test agent used:	---	---	---
Was face contorted by talking & movement:	---	---	---
Was the test performed under exertion:	---	---	---
Was employee's reaction to agent observed:	---	---	---

I certify that I have been made aware of the hazards involved with asbestos work. I have received training in, and understand the care and use of my assigned respirator. I have been fitted and received the correct size and type of respirator, and a respirator leak test has been performed to verify a proper fit.

Employee Signature: George G. Wuest Date: 1-27-00

The tests were conducted in compliance with OSHA 29 CFR 1910.134.1001 & 1926.58

REG# 906342

NAETI National Asbestos
& Environmental
Training Institute

Certificate of Completion

AHERA/EPA Accredited Per 40 CFR Part 763

This is to certify that Jeffrey A. Wuest S/S #154-48-1438

Successfully completed the course entitled 1-Day New Jersey/EPA/AHERA Asbestos
Supervisor/Contractor Refresher

On April 10, 19 99

Examination passed on N/A 19

April 10, 2000 Doris L. Adler April 10, 1999
Expiration Date *President* *Date*

Per 10 NYCRR Part 73.2 (L) (1), DOH 2832 Certificate of Completion of Asbestos Safety Training is the only official record of training for N.Y.S. students.

3321 Doris Avenue, Building B, Ocean, NJ 07712 (732) 531-5571

Language: English

ABIH 1 CM POINT

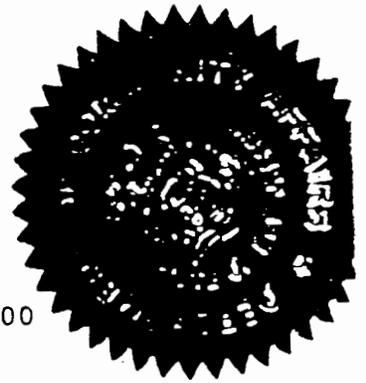
State of New Jersey
Department of Community Affairs
DIVISION OF CODES AND STANDARDS

ASBESTOS LICENSE

LICENSE NUMBER: 00029

ISSUE DATE: 7/22/99

EXPIRATION DATE: 7/22/00



THIS LICENSE has been issued in accordance with and subject to the provisions of the Asbestos Control and Licensing Act, N.J.S.A. 34:5A-32 et seq.

Employer: Ace Insulation Co. Inc.

Address: 95 Montrose Road

Colts Neck NJ 07722

Type "A" LICENSE to perform any type of asbestos work

Responsible Individual:

George G. Wuest, President

This license is VALID ONLY FOR THE EMPLOYER NAMED HEREIN and must be readily available at the work site for inspection by the Commissioners of Community Affairs and Health and Senior Services and the contracting agency.

10655

Jane M. Kerney
Commissioner

PRODUCER

GLOBAL INDEMNITY INS. AGCY INC
203 MAIN STREET

METUCHEN NJ 08840

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

- COMPANY
A CRUM & FORSTER INS. CO.
- COMPANY
B Credit General Ins Comp
- COMPANY
C Reliance Insurance Compan
- COMPANY
D

INSURED

Ace Insulation Co. Inc.
95 Montrose Road

Colts Neck, NJ 07722

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
B	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> OWNERS & CONTRACTORS PROT <input checked="" type="checkbox"/> ASBESTOS LIABILITY INC.	AAB1001383-00	08/08/99	08/08/01	GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP OR AGG \$ 1,000,000 PERSONAL & ADV INJURY \$ 1,000,000 EACH OCCURRENCE \$ 1,000,000 FIRE DAMAGE (Any one sub) \$ 50,000 MED EXP (Any one sub) \$ 5,000
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	1336584906	07/29/99	07/29/00	COVERED SINGLE LIMIT \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$ AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY EACH ACCIDENT \$ AGGREGATE \$ EACH OCCURRENCE \$ AGGREGATE \$ OTHER \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY EACH ACCIDENT \$ AGGREGATE \$
	EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$ OTHER \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input checked="" type="checkbox"/> INCL <input type="checkbox"/> EXCL OTHER	NWA2047884-00	07/19/99	07/19/00	WC STATUTE / OTHER STATE EL EACH ACCIDENT \$ 1,000,000 EL DISEASE - POLICY LIMIT \$ 1,000,000 EL DISEASE - EA EMPLOYEE \$ 1,000,000

DESCRIPTION OF OPERATIONS, LOCATIONS, VEHICLES/SPECIAL ITEMS
 RE: EARL DEMOLITION PROJECT.
 ADD'L INSURED: LERCH WRECKING

CERTIFICATE HOLDER

LERCH WRECKING
5115 BELMAR BOULEVARD

WALL, NJ 07719

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO CANCELLATION OR LIABILITY OF ANY KIND UPON THE COMPANY OR ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

GLOBAL INDEMNITY INSURANCE AGENCY INC.

55 and 60

HAZARD ABATEMENT PLAN
FOR
~~ASBESTOS & LEAD BASED PAINT~~

Gerald Schwartz
GERALD SCHWARTZ
CERTIFIED INDUSTRIAL HYGIENIST
ABIH NO. 3489



SEPTEMBER 21, 1997

SEPTEMBER 21, 1997

Scope of Work: Removal and disposal of friable and non friable asbestos containing materials and removal and disposal of peeling lead based paint from building components in Buildings 185, 193 & 300 as depicted on the drawings.

ASBESTOS

Non friable:

The Contractor shall demarcate the area around where the abatement shall take place with approved warning signs and hazard tape. Workers shall don full body "tyvek" type coveralls, including footwear and gloves and proper respirators. The workers shall then place 6 mil poly on the ground and on any apertures to remain. The workers will then adequately wet materials with water and remove materials using techniques to eliminate the possibility of a fiber release episode. Said material shall be placed in 6 Mil bags, labeled and properly prepared for disposal in an approved landfill. Any material stored overnight shall be placed in a lockable and secured dumpster.

Friable:

The Contractor shall demarcate the area around where the abatement shall take place with approved warning signs and hazard tape. Workers shall cover all apertures and walls with 6 mil poly and the floor with 2 layers of 6 mil poly, Air Filtration Devices (AFD) shall be installed and exhausted to the outside of the work area. There shall be a minimum of 4 air changes per hour with a digital manometer installed to document on a continuous basis the negative air pressure of 0.02 " W.C. A decontamination chamber shall be constructed adjacent to the work area with the equipment room attached to the work area. Workers shall don full body "tyvek" type coveralls, including footwear and gloves and proper respirators. The workers will then adequately wet materials with water and remove materials using techniques to minimize the possibility of a fiber release episode. Said material shall be placed in 6 Mil bags, labeled and properly prepared for disposal in an approved landfill. Any material stored overnight shall be placed in a labeled, lockable and secured dumpster.

LEAD BASED PAINT

The Contractor shall demarcate the area around where the abatement shall take place with approved warning signs and hazard tape. There must be at least 50 feet between the work location and the warning tape. Workers shall don full body "tyvak" type coveralls, including footwear and gloves and proper respirators. The workers shall then place 6 mil poly on the ground and on any apertures to remain. The distance shall be commensurate with the height of the paint to be abated. On the exterior, the poly must extend at least 20 feet from the base of the building. The workers will brush all loose, peeling & flaking paint from surfaces. Said material shall be placed in a 55 gallon drum, labeled and properly prepared for disposal in an approved landfill. Any material stored overnight shall be placed in a lockable and secured container.

Workers:

All workers shall be properly trained and licensed in the State of New Jersey for either Asbestos Removal or Lead Based Paint Removal. Workers who are trained and licensed in both disciplines shall be able to work in the same regulated areas. Those who are not shall not work in a regulated area outside of their discipline.

Decontamination chamber

Shall consist of a serial arrangement of rooms, pressurized for friable asbestos abatement. The workers shall enter through the first room, clean room, remove street clothes and don disposable work clothes, including non breathable coveralls, foot covering and gloves. The workers will transverse through the second chamber, the shower room, and into the third room, the equipment room, then enter the work area. The shower room shall have hot and cold water, a catch basin to retrieve water and dispose with the contaminated waste, soap and disposable towels.

Upon leaving the work area, the workers shall vacuum the disposable work clothes, enter the equipment room, remove clothes and dispose in proper receptacle for disposal. Keep respirator on and enter into the shower room. Take a shower, then remove respirator and enter clean room and dress in street clothes.

Safety

There shall be a daily safety meeting discussing the days work and potential dangers. All workers shall wear hard hats, safety glasses and gloves. Any worker climbing higher than 6 feet shall wear an approved Safety Harness, not belt, and be properly tied off. All electric entering a work area shall be on a U.L. approved Ground Fault Circuit Interrupter. Work shall not be done in any confined space without proper training and a permit issued. Proper work practices for the removal of asbestos and lead paint shall be employed. Signs will be conspicuously posted with the local telephone numbers of fire and emergency personnel. There will be a portable phone at the job site.

Testing

Testing will be done on a daily basis on the workers and in and outside the regulated areas. Area sampling shall be done at critical barriers, the clean room of the decontamination chamber, the exhaust of the AFDs and any surrounding areas as may be occupied by non asbestos personnel. Exterior removal shall require area sampling inside and outside the regulated areas down wind of the work areas. All samples collection and analysis procedures shall comply with Federal and State Regulations.

Disposal

Asbestos material shall be wetted and double bagged in 6 mil labeled bags. All material which was used on the asbestos project shall be considered contaminated and disposed of properly. The material will be disposed of at the Ocean County Landfill Corporation's landfill or other approved landfill. All lead paint materials shall be sealed in 55 gallon drums, labeled and disposed of as Hazardous Waste Transfer Facility.

DISPOSAL OF ASBESTOS CONTAINING WASTE

All wastes generated within the isolated area, including but not limited to, asbestos material, all filers, plastic sheeting tape, cleaning materials, protective clothing, all filters, brushes, pails, brooms and all other disposable material or items used in the work area shall be packed sealed and disposed of according to this section.

Ace Insulation shall not allow asbestos materials to dry out or collect on the floors. Removed material shall be immediately placed in approved bags and sealed.

The material collected in each bag is to be sealed by twisting the open end and then tying an overhand knot in the twisted material (or approved method, which will form a leak-tight seal). The bag is then placed in another bag, which is also sealed for transport to the disposal sight. Broken bags will be re-bagged a third time.

Warning labels, having waterproof print and permanent, waterproof adhesive, shall be affixed to all bags, dumpsters, trucks and other containers used for asbestos. Labels shall be conspicuous and legible and shall contain the following (as a minimum):

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

The dumpster shall be completely enclosed and locked. It is to be opened only for materials from the removal area. Warning signs shall be posted on the dumpster.

Ace Insulation shall maintain a log of waste with an indelible black ink pen. Disposal shall be in accordance with EPA regulations.

Ace Insulation shall arrange with the transporter to obtain receipts from the disposal site, indicating that the asbestos waste was disposed. In turn, B&M Construction will forward such copies to the Owner/Owners Representative.

LABELS

Ace Insulation labels all disposable bags in conformance with 29CFR.58 II. They read:

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

All hazardous chemicals used on jobsite shall be properly labeled to show chemical contact, chemical identity, and must have hazardous warning symbols.

Ace Insulation will post at each jobsite and at a centrally located area in the shop an inventory listing to coincide with the labeled hazardous chemicals on site.

MATERIAL SAFETY DATA SHEETS

Ace Insulation keeps MSDS for all hazardous material on file at it's main office. All employees have access to all MSDS information at the head office as well as in the warehouse.

In all future projects B&M Construction shall make copies of MSDS sheets available at each and every job site a Hazardous Material is being used.

All Material Safety Data Sheets must be posted to inform each employee of the dangers of the chemicals so that proper protective measures can be taken to ensure optimum protection for the employees of B&M Construction as well as the safety and welfare of visitors to the site.

Specializing in
Pipe & Tank Insulation.
Asbestos Removal &
General Maintenance

ACE INSULATION COMPANY, INC.

95 Montrose Road, Colts Neck, New Jersey 07722 (201) 462-9172

Respiratory protection program

The following respirators are used by

Half-mask air purifying respirators:

Manufacturer: North
Body Model #: 7780
Cartridge Type Designation: 7500-8 (HEPA)
Unit Approval #: TC-21C-152
Cartridge Type Designation: 7500-81 (HEPA and Organic Vapor)
Unit Approval #: TC-23C-204

Manufacturer: American Optical
Body Model #: 5 Star
Cartridge Type Designation: R57A (HEPA)
Unit Approval #: TC-21C-249
Cartridge Type Designation: R51HE (HEPA and Organic Vapor)

Powered-air purifying respirators:

Manufacturer: Racal
Body Model #: Powerflow PAPR
Cartridge Type Designation: HEPA Filter
Unit Approval #: TC-21C-353

MEDICAL SURVEILLANCE

1. A medical examination shall be provided, at no cost to the employee prior to assignment of the employee to an area where negative-pressure respirators are to be worn. The physician shall provide written information to B & M pursuant the results of the examination regarding the employee's ability to wear a respirator.
2. Additionally, workers exposed to lead at levels at or above the action level on any day shall be offered initial medical surveillance. B & M shall institute a medical surveillance program for all workers exposed at or above the action level for more than 30 days in any consecutive 12 months.
3. The requirements of the medical surveillance program are specified in OSHA 29 CFR 1926.62(j).

TRAINING

Every respirator wearer shall receive fitting instructions including demonstrations and practice in how the respirator

should be worn, how to adjust it and how to determine if it fits properly.

RESPIRATOR ASSIGNMENT

1. Each employee will try on various sizes and makes of respirators to determine which is most comfortable.
2. Employees will not be permitted to have beards, sideburns, mustaches, or facial hair that would interfere with the seal of the respirator facepiece. No facial hair will be permitted along the seal of the mask requiring that mustaches, goatees, and sideburns be neatly trimmed to fit either inside or outside of the seal.
3. When using a respirator, employees will be expected to perform the positive and negative pressure tests (as outlined in the manufacturer's instructions) each time the mask is used. Additionally, employees will be fit tested using a qualitative fit test.
4. No contact lenses, glasses with side arms, cosmetics or ointments shall be worn during respirator use. Workers requiring corrective lenses inside a full-face respirator shall be provided with a spectacle kit by B & M. The worker will be required to provide a copy of his/her eyeglass prescription.

RESPIRATOR FIT TEST PROTOCOL (Irritant Fume Test)

The following fit test procedures apply to both qualitative and quantitative fit testing. Testing for negative pressure respirators shall be conducted initially and every six months thereafter.

Additional fit testing would be required if the employee has a weight change of 20 pounds or more, has dental changes or any other changes, such as scarring, which may affect the fit of the respirator.

Qualitative fit tests are allowed to be used only for half face respirators.

Fit test records will be maintained by B & M.

1. The test subject shall be allowed to select the most comfortable respirator from an array of various sizes that includes at least three sizes of elastomeric facepieces.

Respirators of each size shall be provided from at least two manufacturers.

2. Prior to the selection process, the test subject shall be shown how to put on a respirator, how it should be positioned on the face, how to set strap tension and how to assess an "comfortable" respirator. A mirror should be available to assist the subject in evaluating the fit and positioning of the respirator. This may not constitute his formal training on respirator use, only a review.
3. The test subject should understand that he is being asked to select the respirator that provides the most comfortable fit for him. Each respirator represents a different size and shape and, if fit properly, will provide adequate protection.
4. The test subject holds each facepiece up to his face and eliminates those that are obviously not giving a comfortable fit.
5. The most comfortable mask is donned and worn at least five minutes to assess comfort. Assistance in assessing comfort can be given by discussing the points in #6 below. If the test subject is not familiar with using a particular respirator, he shall be directed to don the mask several times and to adjust the straps each time, so that he becomes adapt at setting proper tension on the straps.
6. Assessment of comfort shall include reviewing the following points with the test subject:
 - Chin properly placed.
 - Positioning of mask on face.
 - Strap tension.
 - Fit around face.
 - Room to talk.
 - Tendency to slip.
 - Cheeks filled out.
 - Self-observation in mirror.
 - Adequate time for assessment.
7. The test subject shall conduct the conventional negative and positive-pressure fit checks. Before conducting the negative or positive pressure checks, the subject shall be told to "seat" his mask by rapidly moving the head side-to-side and up and down, taking a few deep breaths.
8. Each test subject shall wear his respirator for at least 5 minutes before starting the fit test. The test subject is now ready for fit testing.

9. After passing the fit test, the test subject shall be questioned again regarding the comfort of the respirator. If it has become uncomfortable, another model of respirator shall be tried.
10. The employee shall be given the opportunity to select a different facepiece and be retested if during the first two weeks of on-the-job wear the chosen facepiece becomes unacceptably comfortable.
11. Exercise regimen. Prior to the commencement of the fit test, the test subject shall be given a description of the fit test and the test subject's responsibilities during the test procedure. The description of the process shall include a description of the test exercises that the subject will be performing.
12. Test Exercises. The test subject shall perform exercises, in the test environment, in the manner described below:
 - a. Normal breathing. In a normal standing position, without talking, the subject shall breathe normally.
 - b. Deep breathing. In a normal standing position, the subject shall breathe slowly and deeply, taking caution so as to not hyperventilate.
 - c. Turning head from side-to-side. Be certain movement is complete. Alert the test subject not to bump the respirator on the shoulders. The head shall be held at each extreme momentarily so the subject can inhale at each side.
 - d. Moving head up-and-down. Be certain motions are complete and made about every second. Alert the test subject not to bump the respirator on chest. Have the test subject inhale when his head is in the fully up position.
 - e. Talking. Talk aloud and slowly several minutes. The following paragraph is called the Rainbow Passage. Reading it will result in a wide range of facial movements, and thus be useful to satisfy this requirement. Alternative passages, which serve the same purpose, may also be used.

When the sunlight strikes raindrops in the air, they act like a prism and form a rainbow. The rainbow is a division of white light into many beautiful colors. These take the shape of a long round arch, with its path high above, and its two ends apparently beyond the horizon. There is, according to legend, a boiling pot of gold at the end. People look, but no one ever finds it. When

a man looks for something beyond reach, his friends say he is looking for the pot of gold at the end of the rainbow.

- f. Grimace. The test subject shall grimace by smiling or frowning.
 - g. Bending over. The subject shall bend at the waist as if he were to touch his toes. If there is insufficient room to bend, jogging in place can be substituted.
 - h. Normal breathing.
13. Each exercise described above shall be performed for at least one minute except for the grimace exercise, which is to be performed for 15 seconds.
 14. The respirator shall be fitted with HEPA filters.
 15. The subject shall enter the test chamber, which consists of a clear plastic bag suspended from a hook. The test subject should be unable to detect the irritant fume squirted into the air near the most vulnerable portions of the facepiece seal.
 16. The test subject shall be instructed to close his eyes during the test period.
 17. The room shall be well ventilated as by an exhaust fan or lab hood to prevent general room contamination.
 18. At the conclusion of the test, the test subject shall remove the respirator in the test chamber to ascertain that he can detect the irritant fume.

CLEANING AND DISINFECTING

1. Upon leaving the work area, filters from negative pressure respirators will be removed and discarded as waste.
2. The respirator will be washed with soap and water.
3. The respirator will be periodically disinfected using an approved disinfectant solution.
4. Respirators, which will be cleaned by B & M, will be collected at the end of each shift. One individual will be assigned to clean, disinfect and inspect these respirators. The respirators will bear identification, such as the worker's initials or employment number.

5. If respirators are serviced between shifts, only one respirator per worker is needed. If the cleaning is done during a work shift or if a worker will be entering and leaving the abatement area more than once during a shift, each worker may require two or more respirators.

RESPIRATOR STORAGE

All respirators, after cleaning and disinfecting, will be dried and then stored in plastic bags in such a manner that protects them from dust, sunlight, heat, excessive cold, moisture or damaging chemicals.

RESPIRATOR INSPECTION AND MAINTENANCE

1. All respirators shall be inspected routinely, before and after each use.
2. A respirator that is not routinely used, but is kept ready for emergency use, shall be inspected after each use and at least monthly to assure that it is in satisfactory working condition. A record shall be kept of inspection dates and findings for respirators maintained for emergency use. Respirators maintained for emergency use shall be cleaned and disinfected after each use. Self-contained breathing apparatus shall be inspected monthly. Air cylinders shall be fully charged according to the manufacturer's instructions. Breathing air shall be certified as Grade D. It shall be determined that the regulator and warning devices function properly.
3. Respirator inspection shall include a check of the tightness of connections and the condition of the facepiece, headbands, valves, connection tube and canisters. Rubber or elastomer parts shall be inspected for pliability and signs of deterioration. Stretching parts with a massaging action will keep them pliable and flexible and prevent them from taking a set during storage.
4. Routinely used respirators, not individually assigned, shall be collected, cleaned and disinfected as frequently as necessary to ensure proper protection is provided for the wearer. Each worker should be briefed on the cleaning procedure and be assured that he/she will always be given a clean, disinfected respirator. Such assurances are of great significance when respirators are not individually assigned to workers.

5. Replacement or repairs shall be done by experienced persons with parts designed for the respirator. No attempt shall be made to replace components or to make adjustments or repairs beyond the manufacturer's recommendations. Reducing or admission valves or regulators shall be returned to the manufacturer or to a trained technician for adjustment or repair.
6. Respirators used routinely shall be inspected during cleaning. Worn or deteriorated parts shall be replaced using the following procedure:
 - a. Remove cartridges, canisters or filters, and all gaskets that are affixed to the seat.
 - b. Visually inspect the facepiece and parts. Discard any faulty items.
 - c. Remove all elastic headbands.
 - d. Remove the exhalation valve cover.
 - e. Remove the speaking diaphragm (if provided), the exhalation valve assembly or pressure-demand exhalation assembly.
 - f. Remove inhalation valves.
 - g. Wash, sanitize and rinse facepiece. Parts removed from the respirator may be washed separately, as necessary.
 - h. Dry masks.
 - i. Hand wipe facepiece, valves and valve sets with a damp, lint-free cloth to remove any soap or water residue, mold release powders or foreign materials not removed by washing.
 - j. Disassemble and hand clean the pressure-demand and exhalation valve assembly, exercising care to avoid damage to the rubber diaphragm.
 - k. Visually inspect the facepiece and all parts for deterioration, distortion, or other faults that might affect the performance of the respirator.
 - l. Replace any questionable or obviously faulty assemblies including rubber components that show wear. Replace flexed, stretched or distorted facepieces. Replace only with parts specifically designed for the particular respirator.

- m. Reassemble the mask and visually inspect completed assembly.
- n. Install new or retested filters, cartridges or canisters.
- o. Clean and apply fog proofing on lens (full facepiece only) per manufacture's instructions.
- p. Install lens cover when provided.
- q. Fog proof (as needed) outside of lens cover.
- r. Quality assurance test each completed unit.
- s. Individually seal each mask in a plastic bag.

EMPLOYEE MONITORING

1. All employee monitoring shall be conducted by a "competent person". Determination of employee exposure shall be made from breathing zone air samples that are representative of the 8-hour TWA of each employee.
2. Initial employee exposure shall be determined on the basis of one or more samples representing full-shift exposure for employees including at least one sample for each job classification in each work area.
3. If the initial determination reveals employee exposure to be below the action level further exposure determination need not be repeated unless there has been a change in equipment, process, control, personnel or a new task has been initiated that may result in additional employees already exposed at or above the action level or may result in employees already exposed above the action level being exposed above the PEL.
4. Additional monitoring will be required if employee exposure is at or above the action level. These requirements are specified in OSHA 29 CFR 1926.62(d)(6).
5. In addition to exposure monitoring, the "competent person" will observe the workers during work operations to determine whether any worker appears to be having difficulty breathing or wearing the respirator under workplace conditions.

RESPIRATOR PROGRAM EVALUATION

1. There shall be regular inspections and evaluation to determine the effectiveness of the program. Respiratory protection is no better than the respirator in use even though it is worn conscientiously. Frequent random inspections shall be conducted by the respirator program manager to assure that respirators are properly selected, used, cleaned, and maintained.
2. The respirator program will be checked annually by the Program Administrator and, if needed, revised to meet any new standards as well as company policy.

Specializing in
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ACE INSULATION COMPANY, INC.

95 Montrose Road, Colts Neck, New Jersey 07722 (201) 462-9172

- SD-08, Statements

f. Hazard Communication Program

HAZARDOUS COMMUNICATION PROGRAM

EMPLOYEES - ON SITE

All subcontractors and visitors to the site shall be properly informed to the rules and regulations of Ace Insulation and Restoration, Inc., pertaining to hazardous materials and protective measures.

This information shall be provided to the subcontractor or visitor for the following conditions:

1. All visitors to the site will be informed of the dangers and hazards associated with asbestos removal and the chemicals we will be using on site. Each visitors will be required to use protective clothing, supplied by B&M Construction and Restoration, Inc. where necessary.
2. B&M Construction and Restoration, Inc. supervisors will be responsible for logging each visitor in his daily log sheet as well as obtaining identification and signatures that they have properly informed of the dangers associated with the project.
3. Subcontractor will be informed prior to the start of work of dangers of asbestos removal as well as be supplied in writing a listing of hazardous chemicals and materials safety data sheets so that they may properly inform their employees, as well as train them where necessary.
4. Subcontractors and Visitors will be informed that it is prohibited for them to dump any refuse in dumpsters designated for asbestos waste.
5. Subcontractor will be informed that they may not use the shower facilities set up for B&M Construction and Restoration, Inc. unless they have been properly instructed in the use and only if they are licensed to work in a contaminated area.
6. Subcontractor and visitors will not be permitted to touch critical barriers, or poly, nor are they permitted to puncture, tear, or damage poly of B&M Construction and Restoration, Inc.
7. Subcontractor employees must not, or handle equipment, materials or tools, or other property belonging to or the owner of the premises.
8. Rules and Regulations shall be posted at each site in a separate area to ensure maximum safety for B&M Construction and Restoration, Inc. employees, other workers, subcontractors, or visitors.

DISPOSAL OF ASBESTOS CONTAINING WASTE

All wastes generated within the isolated area, including but not limited to, asbestos material, all filers, plastic sheeting tape, cleaning materials, protective clothing, all filters, brushes, pails, brooms and all other disposable material or items used in the work area shall be packed sealed and disposed of according to this section.

Ace Insulation shall not allow asbestos materials to dry out or collect on the floors. Removed material shall be immediately placed in approved bags and sealed.

The material collected in each bag is to be sealed by twisting the open end and then tying an overhand knot in the twisted material (or approved method, which will form a leak-tight seal). The bag is then placed in another bag, which is also sealed for transport to the disposal sight. Broken bags will be re-bagged a third time.

Warning labels, having waterproof print and permanent, waterproof adhesive, shall be affixed to all bags, dumpsters, trucks and other containers used for asbestos. Labels shall be conspicuous and legible and shall contain the following (as a minimum):

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

The dumpster shall be completely enclosed and locked. It is to be opened only for materials from the removal area. Warning signs shall be posted on the dumpster.

Ace Insulation shall maintain a log of waste with an indelible black ink pen. Disposal shall be in accordance with EPA regulations.

Ace Insulation shall arrange with the transporter to obtain receipts from the disposal site, indicating that the asbestos waste was disposed. In turn, Ace Insulation will forward such copies to the Owner/Owners Representative.

EMPLOYEE INFORMATION AND TRAINING

All Ace Insulation employees will be properly trained for the dangers associated with hazardous materials. This training shall be provided prior to the time of initial assignment, unless the employee has received training in the use of these chemicals within the previous six months. Each employee will be trained annually for usage.

Employees shall be provided information and training on Hazardous Chemicals in their work area at the time of initial job assignment. Whenever a new hazardous chemical is introduced into the work area. Information and training will also be provided.

Employees shall be informed of:

1. Any operations in their work area where hazardous chemicals are present.

2. The location availability of written hazardous communication program, including the required lists of hazardous chemical(s) and material safety data sheets required by this section.

3. Training for all employees shall include but not be limited to:

a. Methods and observations that may be used to detect the presence of hazardous chemical(s) in the work area (such air monitoring conducted by the employer, continuous monitoring devices, visual appearances or odor of hazardous chemicals when being released.)

b. The physical and health hazards of chemicals in the work area.

c. The measures employees can take to protect themselves from these hazards, including specific procedures the employer has implemented to protect employees from exposure to hazardous chemicals such as appropriate work practices, emergency procedures, and personal protective equipment to be used.

A. All employees shall receive information and training on Hazardous Chemicals in the work area. Employee training shall be in conformance with 29 CFR 1926.59(F),(G),(H)

LABELS

Ace Insulation labels all disposable bags in conformance with 29CFR.58 II. They read:

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

All hazardous chemicals used on jobsite shall be properly labeled to show chemical contact, chemical identity, and must have hazardous warning symbols.

Ace Insulation will post at each jobsite and at a centrally located area in the shop an inventory listing to coincide with the labeled hazardous chemicals on site.

MATERIAL SAFETY DATA SHEETS

Ace Insulation keeps MSDS for all hazardous material on file at it's main office. All employees have access to all MSDS information at the head office as well as in the warehouse.

In all future projects Ace Insulation shall make copies of MSDS sheets available at each and every job site a Hazardous Material is being used.

All Material Safety Data Sheets must be posted to inform each employee of the dangers of the chemicals so that proper protective measures can be taken to ensure optimum protection for the employees of Ace Insulation as well as the safety and welfare of visitors to the site.