

Address: 44 WALL STREET

Bulk Samples
PLM

Yes

No

Number of Negative ($\leq 1\%$) Samples 7

Number of Positive ($> 1\%$) Samples

Air Samples

Yes

No

PCM

Number of Samples Collected (≤ 0.01 f/cc) 33

Number of Samples Collected (>0.01 f/cc)

LAB

5-OMEGA

23-ENSL



TEM

Number of Samples Collected (≤ 70 s/mm²) 18

Number of Samples Collected (>70 s/mm²) 0

CLEANING ALSO PERFORMED

* MEASURED IN STRUCT/CC; 18 SAMPLES;
ALL BELOW .01. 600 SF OF VAT
ALSO REMOVED FROM BASEMENT



Via Certified Mail

Cushman & Wakefield, Inc.
44 Wall Street
New York, NY 10005
(212) 425 7915 Tel
(212) 344 7758 Fax

February 20, 2002

The City of New York
Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York 11368-5107
Attn: Penny Theodorellys

Please accept the following documentation in response to your request dated February 15, 2002.

- Various fan cleaning invoices
- Asbestos test report
- Asbestos clean-up invoices
- Letter from certified asbestos removal contractor
- Waste transporter permit information
- Project monitoring info

Also attached is a chronological outline of action taken by 44 Wall Street in connection with our cleanup after the World Trade Center Collapse.

Thank you for your time and attention. If you require any additional information I can be reached at 212-425-7915.

Sincerely,
CUSHMAN & WAKEFIELD, INC.

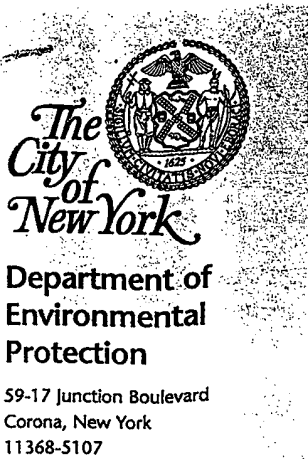
A handwritten signature in black ink, reading "Ronald J. Fortuna".

Ronald J. Fortuna
Director of Engineering

Cc: Andrew Bauman Lend Lease
Jennifer Kain Lend Lease
Joseph Lagano Cushman & Wakefield
Liz Majkowski Cushman & Wakefield
Joe Rizzuto Cushman & Wakefield

**44 Wall Street
Action Plan
World Trade Center Disaster**

- September 15, 2001 – Hillman Environmental Group in to perform testing of Lobby area. No power in the building.**
- September 18, 2001 - Notified all tenants to have their a/c units cleaned and filters changed prior to start-up.**
- September 18, 2001 – Concept Air in to pressure wash coils and change filters on 5th floor fans.**
- September 19, 2001 – Concept Air in to pressure wash coils and change filters on 3rd floor fans and a/c#8 fan.**
- September 19, 2001 – Degmor Asbestos & Lead Abatement in vacuumed and wet wiped 24th floor Elevator Room and Penthouse Space.**
- September 20, 2001 – Concept Air in to pressure wash coils and change filters on a/c #7-1 and a/c#7-2 fans.**
- September 20, 2001 – Degmor in vacuumed all elevator pits and soffits around the lobby.**
- September 21, 2001 – Degmor in vacuumed and wet wiped lobby area and inside elevator cars.**
- September 21, 2001 – Hillman Environmental Group performed further testing throughout the building.**
- September 22, 2001 – Notified of slightly elevated reading in the unoccupied penthouse space. Sealed area and notified tenant area would re-cleaned 9/22/01. Degmor in to re-clean Penthouse and also cleaned 24th, 16th and 7th floor elevator rooms.**
- September 24, 2001 – Concept Air in to pressure wash coils and change filters on 3rd floor fan.**
- September 25, 2001 – Concept Air in to pressure wash coils and change filters on A & B level fans.**
- October 1 & 2, 2001 - Degmor removed 600sq ft of water damaged VAT on the “B” Level. CTSI performed Asbestos Project Monitoring.**
- October 4, 2001-----Hillman Re-tested all levels well within guidelines.**
- October 26,2001 -----Benjamin Maintenance performed Facade Cleaning.**
- November 9, 2001**



Joel A. Miele Sr., P.E.
Commissioner

Robert C. Avaltroni
Deputy Commissioner
Bureau of
Environmental Compliance
Tel (718) 595-4418
Fax (718) 595-4422

February 15, 2002

Building Owner Name: CUSHMAN WAKEFIELD

Address: 44 Wall Street
New York, N.Y. 10005

Subject: 44 Wall Street, Mn

Dear Sir/ Madam:

In September 2001, the New York City Department and Environmental Protection (NYC DEP) and the Department of Health (NYC DOH) advised building owners regarding building maintenance and re-occupancy issues following the collapse of the World Trade Center. The steps included the professional assessment of building contamination for possible hazardous components, including asbestos, and a retrospective filing, as required, if applicable.

The NYC DEP is hereby requesting copies of the environmental hazard assessments including bulk sample results and air monitoring results and a summary of clean-up activities at the above referenced site. Please forward the requested documents to our offices within FIVE BUSINESS DAYS. They may be faxed to (718) 595-3744 or sent to the NYC DEP Asbestos Control Program at 59-17 Junction Boulevard, 8th floor, Corona, New York 11373-5108.

Please be advised building owners are responsible for the cleaning of building exteriors, grounds, and common areas. Due to changing conditions and continued activity at Ground Zero, building owners should periodically assess the condition of building exteriors and air conditioning systems for cleanliness and may have to periodically re-clean areas. Adherence to proper cleaning methods is important for the protection of public health and the environment. DEP inspectors will be following up on this matter.

If you have any questions, you may reach the Department at (718) 595-3682 during office hours or the 24-hour Help Center at (718) DEP-HELP. DEP staff is available to provide guidance and technical assistance.

Sincerely,

R. Radhakrishnan, P.E.

Director

Asbestos Control Program



Dec 05 01 03:34p

p. 1

CONCEPT AIR
CONDITIONING &
REFRIGERATION INC.

BILL TO:
MELLON INVESTORS SERVICE
7TH FLOOR
44 WALL STREET
NEW YORK NY 10005

JOB NAME AND LOCATION:
MELLON INVESTORS SERVICE
7TH FLOOR
44 WALL STREET
NEW YORK NY 10005

INVOICE NUMBER	INVOICE DATE	TERMS	P.O. NUMBER	JOB NUMBER
S22942	09/27/01	NET 10 DAYS		25205

DESCRIPTION

WORK DAIL W.O. #
09/19/01 41379
09/20/01 41618
RESPONDED TO EMERGENCY SERVICE CALL TO HIGH PRESSURE
CLEAN COILS OF A/C 7 2 AND A/C 8 1 DUE TO EXTREME
AMOUNTS OF DUST AND DIRT CAUSED BY RECENT DISASTER.

MATERIAL 147.00
LABOR 2112.00

TAX 186.37

TOTAL \$ 2445.37

58-84 Maspeth Avenue, Maspeth, New York 11378 Tel: (718) 326-2660 Fax: (718) 326-1610

CONCEPT AIR

CONDITIONING &
REFRIGERATION INC.

BILL TO:
CUSHMAN & WAKEFIELD, INC. A/A/F
LEND LEASE
44 WALL STREET
NEW YORK, NY 10005
RON FORTUNA

JOB NAME AND LOCATION:
CUSHMAN & WAKEFIELD, INC.
LEND LEASE
44 WALL STREET
NEW YORK, NY 10005

INVOICE NUMBER	INVOICE DATE	TERMS	P.O. NUMBER	JOB NUMBER
S22906	09/24/01	NET 10 DAYS		25156

DESCRIPTION

WORK DATE W.O. #

09/18/01 41373
09/19/01 41378

RESPONDED TO EMERGENCY SERVICE CALL TO HIGH PRESSURE
CLEAN 5TH FLOOR AND 3RD FLOOR.
HIGH PRESSURE CLEANED CHILL WATER AND STEAMED COILS
WITH CHEMICAL PENETRATE, RINSED COILS WITH CLEAN WATER
THANK YOU.

CUSHMAN & WAKEFIELD, INC. PAYMENT APPROVAL

Location: 44 WALL STREET
Vendor #: Invoice #: 522906
Invoice Date: 9/24/01 Invoice \$: 2445.37
Description: EMER. SERVICE CALL
Bldg Account Amount
368 5101541-1000 \$ 2445.37
Ins. Cert. on file: Yes No
Received by:
Clerically Prepared by: CO 11/18/01
Property Manager: 11/18/01
Building Owner:
Portfolio Manager: 11/18/01

NOT TO BE USED FOR PARTIAL PAYMENTS

MATERIAL 147.00
LABOR 2112.00

TAX 186.37
TOTAL \$ 2445.37

Dec 05 01 01:49p

p. 1

CONCEPT AIR

CONDITIONING &
REFRIGERATION INC.

BILL TO:
CUSHMAN & WAKEFIELD, INC. A/A/F
LEND LEASE
44 WALL STREET
NEW YORK, NY 10005
ROX FORTUNA

JOB NAME AND LOCATION:
CUSHMAN & WAKEFIELD, INC.
LEND LEASE
44 WALL STREET
NEW YORK, NY 10005

INVOICE NUMBER	INVOICE DATE	TERMS	P.O. NUMBER	JOB NUMBER
S23287	12/04/01	NET 10 DAYS		26614

DESCRIPTION

WORK DATE W.O. #
02/24/01 22221

PERFORMED EMERGENCY WORK AS PER REQUEST TO HIGH
PRESSURE CLEAN BED FLOOR FANS, ALL WORK COMPLETED AS
REQUESTED.

MATERIAL 147.00

LABOR 2112.00

TAX 186.37

TOTAL \$ 2445.37

58-84 Maspeth Avenue, Maspeth, New York 11378 Tel: (718) 326-2660 Fax: (718) 326-1610

Dec 05 01 01:49p

p.2

CONCEPT AIR

CONDITIONING &
REFRIGERATION INC.

BILL TO:
CUSHMAN & WAKEFIELD, INC. A/A/F
LEND LEASE
44 WALL STREET
NEW YORK, NY 10005
ROY FORTUNA

JOB NAME AND LOCATION:
CUSHMAN & WAKEFIELD, INC.
LEND LEASE
44 WALL STREET
NEW YORK, NY 10005

INVOICE NUMBER	INVOICE DATE	TERMS	P.O. NUMBER	JOB NUMBER
523288	12/04/01	NET 10 DAYS		26615

DESCRIPTION

WORK DATE P.O. #
09/25/01 22322

PERFORMED EMERGENCY WORK AS PER REQUEST TO HIGH
PRESSURE CLEAN AND LEVEL FANS. ALL WORK COMPLETED
AS REQUESTED

MATERIAL	63.63
LABOR	1320.00
TAX	114.32
TOTAL \$	1500.00

58-84 Maspeth Avenue, Maspeth, New York 11378 Tel: (718) 326-2660 Fax: (718) 326-1610

CTSI 2001

22-3179402

Invoice

622 Georges Road
Suite 301-302
North Brunswick, NJ 08902

DATE

INVOICE #

11/6/2001

01-494

BILL TO:

CUSHMAN & WAKEFIELD, INC.
44 Wall Street
New York, NY 10005
Attn: Mr. Ronald Fortuna

P.O. NUMBER

TERMS

PROJECT

368110501

Due on receipt

NY-421-01

QUANTITY	DESCRIPTION	RATE	AMOUNT
	44 Wall Street Basement		
20	Project Monitoring Technician Fees Weekdays (10/11 - 10/23)	50.00	1000.00
19	PCM Air Sample Analysis (24/hr TAT)	15.00	285.00
20	PCM Air Sample Analysis (Rush TAT)	25.00	250.00
4	Project Manager	75.00	300.00
1	ACP 5 Form Preparation	150.00	150.00
1	Report Preparation	150.00	150.00

Location:

Vendor #

Invoice Date:

Invoice #

Invoice \$

Description:

Bldg

Account

Amount

Ins. Cert. on file:

Yes

No

Received by:

Clerically Prepared by:

THANK YOU FOR DOING BUSINESS WITH CTSI

Building Owner:

Portfolio Manager:

TOTAL

\$2,135.00

NOT TO BE USED FOR PARTIAL PAYMENTS

DEGMOR, INC.511 CANAL STREET - 3RD FLOOR
NEW YORK, NY 10013

Tel: (212) 431-0696

Fax: (212) 431-5764

Invoice

DATE	INVOICE #
9/25/2001	11618

BILL TOCushman & Wakefield, Inc.
44 Wall Street
New York, NY 10005
Attn: Mr. Ronald Fortuna**JOB LOCATION**44 Wall Street
Various Location

P.O. NO.	TERMS	REP	JOB DATE	CUSTOMER NO.	JOB NO.
	Due on receipt	MJN	9/22/2001	425-7915	01E-245
JOB DESCRIPTION				RATE	AMOUNT
EMERGENCY SURFACE DECONTAMINATION				32,000.00	32,000.00
Wednesday (9/19/01)					
24th Floor Elevator room and penthouse: Vacuum and wet wipe area					
Thursday (9/20/01)					
Lobby: Vacuumed all electric pits and soffits around lobby					
Friday (9/21/01)					
Lobby: Vacuumed and wet wiped lobby area and inside elevator cars					
Saturday (9/22/01)					
24th floor electric room, 16th floor electric room, 7th floor electric room: vacuumed and wet wiped area					
Sales tax				8.25%	0.00

CUSHMAN & WAKEFIELD, INC.-PAYMENT APPROVAL

Location: 44 WALL STREET
 Vendor # 25329 Invoice # 11618
 Invoice Date: 9/25/01 Invoice \$: 32000.00

Description: DISASTER RECOVERY
 Bldg 368 Account 1159945-1000 Amount \$32000.00

Ins. Cert. on file: Yes ☐ No ☒

Received by:

We appreciate your prompt payment.

Property Manager:

Building Owner:

Portfolio Manager:

Total

\$32,000.00

NOT TO BE USED FOR PARTIAL PAYMENTS

DEGMOR, INC.

511 CANAL STREET - 3RD FLOOR

NEW YORK, NY 10013

Tel: (212) 431-0696

Fax: (212) 431-5764

Invoice

DATE	INVOICE #
10/5/2001	11620

BILL TO
Cushman & Wakefield, Inc. 44 Wall Street New York, NY 10005 Attn: Mr. Ronald Fortuna

JOB LOCATION
44 Wall Street Basement - Hallway

P.O. NO.	TERMS	REP	JOB DATE	CUSTOMER NO.	JOB NO.
	Due on receipt	MJN	10/2/2001		01A-248

JOB DESCRIPTION	RATE	AMOUNT
Removal and disposal of approximately 600 Sf of VAT (as per proposal attached). All work was completed as per all local, city and state regulations. NOTE: Please submit a completed and signed certificate of capital improvement. Otherwise, please add \$792.00 in sales tax to the amount due. Thank you. Sales tax	9,600.00 8.25%	9,600.00 0.00

CUSHMAN & WAKEFIELD, INC. PAYMENT APPROVAL

Location:	<u>44 WALL STREET</u>	
Vendor #	<u>35379</u>	Invoice # <u>11620</u>
Invoice Date:	<u>10/5/01</u>	Invoice \$: <u>9600.00</u>
Description:	<u>VAT REMOVAL</u>	
Bldg	Account	Amount
<u>368</u>	<u>1302515-1000</u>	<u>\$ 9600.00</u>
Ins. Cert. on file:	Yes ☐	No ☐
Received by:	<u>CO</u> <u>11/18/01</u>	
Clerically Prepared by:	<u>[Signature]</u> <u>11/18/01</u>	
Property Manager:	<u>[Signature]</u> <u>11/18/01</u>	
Building Owner:	<u>[Signature]</u> <u>11/18/01</u>	
Portfolio Manager:	<u>[Signature]</u> <u>11/18/01</u>	

NOT TO BE USED FOR PARTIAL PAYMENTS

We appreciate your prompt payment.

Total \$9,600.00

DEGMOR

ASBESTOS & LEAD ABATEMENT,
DUCT CLEANING & DEMOLITION

DEGMOR, INC.
511 CANAL STREET
3rd FLOOR
NEW YORK, NY 10013
(212) 431-6696
FAX (212) 431-5764

September 25, 2001

Cushman and Wakefield Inc
Mr. Ronald Fontuna
44 Wall Street
New York, NY 10005

RE: 44 Wall Street basement hallway

Degmor, Inc. will provide all labor, material, equipment and insurance necessary to perform the following project. Please note that all work will be completed in accordance to all local, city and state regulations.

All ACM will be disposed of properly at an EPA approved landfill. The waste manifest will be submitted as soon as our office receives it.

SCOPE OF WORK:

- Removal of approx 600SF of VAT (ACP5 and AV120 procedure)

PRICE QUOTE: \$9,600.00

GENERAL NOTES, CONDITIONS, EXCEPTIONS AND EXCLUSIONS

- All sales taxes are excluded because C.C.I. exemptions may apply
- All quotations exclude: building services, elevator use charges, operating engineer charges, firewatch/downtime standby/overtime, temporary electrical services
- All quotations include \$5 million aggregate asbestos liability insurance
- All quotations are contingent upon: verification of scope of work, agreement on work procedures by all interested parties, ninety (90) days acceptance.
- Quoted price includes provision of Certified Waste Manifest upon completion of project.
- Price includes federal and state asbestos filings and fees. Price gives no consideration to any other types of filings or fees.
- Client must provide a source of water and electricity and temporary connections. Price gives no consideration to any standby trades, operating engineers, etc.
- Price gives no consideration to any repair, replacement, reinsulation, etc.
- Client must remove all portable and movable items from the work area prior to abatement activities.
- Price gives no consideration to the total and complete removal of mastic. Any remnants will be heavily encapsulated.
- Client must shut down all live services into the work area for the duration of project.

- Price may vary if the scope of work is altered.
- Price excludes the cost of independent, third party air monitoring.

Thank you for the opportunity given to us. Should you require additional information, please do not hesitate to contact me.

Sincerely,



Danny Fontana

ACCEPTANCE OF PROPOSAL: The above price, specifications and conditions are satisfactory and are hereby accepted. Degmor, Inc. is authorized to do the work specified. Please sign and return to Degmor, Inc. along with your purchase order. Thank you for your time and consideration.


REPRESENTATIVE (Signature)

D. Fontana
PRINT NAME

9/28/01
DATE

Part of Insurance claim
water damage To Tile Floor
B. Level



5718 2nd Avenue, Brooklyn, NY 11220-3313 • Phone: (212) 535-8500 • (718) 439-8204 • Fax: (718) 492-0194 • E-Mail: BENMAINTENANCE@AOL.COM

INVOICE

DATE	INVOICE #
11/7/2001	8295

BILL TO

Cushman & Wakefield, Inc.
44 Wall Street
New York, New York 10005
Attention: Ron Fortuna

SHIP TO

Ground Zero Facade Cleaning
& Roof Debris

P.O. NO.	TERMS	DUE DATE	REP	PROJECT.#
	Due on receipt	11/7/2001	BR	1411-01

DESCRIPTION

AMOUNT

As per your Approval Letter dated 10-25-01 and our Proposal dated 10-17-01 we have commenced work at the above location and hereby request Requisition No. 1

0.00

Contract Price \$185,000.00 + Tax

This Requisition No.1

92,500.00T

TOTAL AMOUNT OF CONTRACT: \$200,262.50
8.25% NYS SALES TAX

7,631.25

Total

\$100,131.25

EXTERIOR MASONRY RESTORATION, ROOFING AND PLAZA DECKS



5718 2nd Avenue, Brooklyn, NY 11220-3313 • Phone: (212) 535-8500 • (718) 439-8204 • Fax: (718) 492-0194 • E-Mail: BENMAINTENANCE@AOL.COM

INVOICE

DATE	INVOICE #
11/19/2001	8301

BILL TO
Cushman & Wakefield, Inc. 44 Wall Street New York, New York 10005 Attention: Ron Fortuna

SHIP TO
Ground Zero Facade Cleaning & Roof Debris

P.O. NO.	TERMS	DUE DATE	REP	PROJECT #
	Due on receipt	11/19/2001	SR	1411-01

DESCRIPTION	AMOUNT
As Per your Approval letter dated 10-25-01 and Proposal dated 10-17-01 regarding the above location we hereby request the following Requisition NO.2	0.00T
Contract Price \$ 185,000.00 + Tax	
Requisition No. 1 \$100,131.25 (Tax Included)	
This Requisition No. 2 \$100,131.25 (Tax Included)	92,500.00T
Total Contract Price \$200,262.50	
8.25% NYS SALES TAX	7,631.25
Total	\$100,131.25

CUSHMAN & WAKEFIELD, INC.-PAYMENT APPROVAL		
Address: <u>44 WALL STREET</u>		
Vendor # <u>VA134318</u>	Invoice # <u>8301</u>	
Invoice Date: <u>11/19/01</u>	Invoice \$: <u>100131.25</u>	
Description: <u>WTC DISASTER</u>		
Bidg <u>368</u>	Account <u>1159945-1000</u>	Amount <u>\$100131.25</u>
Ins. Cert. on file: Yes ☐ No ☐		
Received by: <u>[Signature]</u> <u>01/10/02</u>		
Clerically Prepared by: <u>[Signature]</u> <u>01/10/02</u>		
Property Manager: <u>[Signature]</u> <u>01/10/02</u>		
Working Owner: <u>[Signature]</u> <u>01/10/02</u>		
Portfolio Manager: <u>[Signature]</u> <u>01/10/02</u>		
EXTERIOR MASONRY RESTORATION, ROOFING AND PLAZA DECKS		
NOT TO BE USED FOR PARTIAL PAYMENTS		



5718 2nd Avenue, Brooklyn, NY 11220-3313 • Phone: (212) 535-8500 • (718) 439-8204 • Fax: (718) 492-0194 • E-Mail: BENMAINTENANCE@AOL.COM

October 17, 2001

Cushman & Wakefield, Inc.
44 Wall Street
New York, New York 10005
Attention: Joe Freda

Re: 44 Wall Street – Ground Zero Façade & Window Cleaning & Roof Debris Removal

We are please to submit our proposal to furnish labor and material to complete the following work at the above location, on regular time:

SCOPE OF WORK

We will first install netting around scaffolds.

We will then dry clean exterior façade, windows and sills of building. NOTE: Where there is accumulation of soot we will vacuum area.

We will then furnish labor, material and equipment to light power wash exterior façade of building with 1,500 psi.

We will furnish labor, material and equipment to wash exterior windows.

We will remove debris from roof.

All debris arising from our work will be removed and disposed of as mandated by the City of New York and the ECB.

All debris around the properties will be removed and disposed of as mandated by the City of New York and ECB.

EXTERIOR MASONRY RESTORATION, ROOFING AND PLAZA DECKS



Cushman & Wakefield, Inc.

Page Two

October 17, 2001

Re: 44 Wall Street – Ground Zero Façade & Window Cleaning & Roof Debris Removal

The following is our breakdown of pricing:

Dry clean \$115,000.00

Wet clean \$65,000.00

Remove debris from roof \$5,000.00

All work will be performed in accordance with the above specifications and subject to the terms and conditions found on to back of this agreement for the sum of **ONE HUNDRED EIGHTY FIVE THOUSAND (\$185,000.00) + APPLICABLE NYS SALES TAX.**

Payment to be made as follows: **50% DEPOSIT, 75% UPON 75% COMPLETION, BALANCE UPON COMPLETION.**

Very truly yours,

BENJAMIN MAINTENANCE

By: _____

Sal Rusi, President

cc: Vincent Stramandinoli, VSA

AGREED TO & ACCEPTED:

CUSHMAN & WAKEFIELD

BY: _____

DATED: _____

DEGMOR

ASBESTOS & LEAD ABATEMENT,
DUCT CLEANING & DEMOLITION

DEGMOR, INC.
511 CANAL STREET
3rd FLOOR
NEW YORK, NY 10013
(212) 431-8696
FAX (212) 431-5764

September 25, 2001

Cushman & Wakefield, Inc.
44 Wall Street
New York, NY 10005

Attention: Mr. Ronald Fortuna

RE: 44 Wall Street – clean up

Below please find the work performed at the above referenced project:

Wednesday (9/19/01)

24th Floor – Elevator Room and Penthouse Space

- Vacuum, wet wipe area

Thursday (9/20/01)

Lobby –

- Vacuumed all electric pits and soffits around lobby

Friday (9/21/01)

Lobby –

- Vacuumed and wet wiped lobby area and inside elevator cars

Saturday (9/22/01)

24th Floor – Elevator Room

16th Floor – Electrical Room

7th Floor – Electrical Room

- Vacuumed and wet wiped all areas

Should you have any questions, please feel free to contact our office.

Sincerely,

Morris Napolitano

**INDOOR AIR QUALITY INVESTIGATION
44 WALL STREET
NEW YORK, NY**

November 13, 2001

Prepared For:

**Mr. Joseph Rizzuto
Cushman & Wakefield
51 West 52nd Street
10th Floor
New York, NY 10019**

Prepared By:

**HILLMANN ENVIRONMENTAL GROUP
1600 ROUTE 22 EAST
UNION, NJ 07083
908-688-7800 TEL
908-686-2636 FAX
www.hillmannngroup.com**

PROJECT NUMBER N3-7476

 **Hillmann Environmental Group, LLC**

Hillmann Environmental Group, LLC

NOVEMBER 13, 2001

INDOOR AIR QUALITY INVESTIGATION

PROJECT NUMBER: N3-7476

SUBJECT PROPERTY: 44 Wall Street
New York, NY

DATES OF SITE ASSESSMENT: September 15, 2001
September 21, 2001
October 4, 2001
October 5, 2001

ASSESSMENT PERSONNEL: Jennifer L. Collins, IH
Environmental Specialist
HILLMANN ENVIRONMENTAL GROUP, LLC

REPORT REVIEWED BY: _____
John B. Glass, CIH, CSP
Vice President
HILLMANN ENVIRONMENTAL GROUP, LLC

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SECTION 1 – EXECUTIVE SUMMARY**1.1 General**

On four dates, Ms. Jennifer L. Collins, IH of Hillmann Environmental Group, LLC (Hillmann), conducted an Indoor Air Quality Investigation at 44 Wall Street, New York, New York. The investigation is designed to identify indoor air quality contaminants as well as any residual effects from the recent World Trade Center Collapse.

Hillmann's site investigator performed a visual inspection for conditions that could negatively impact indoor air quality. The investigator measured temperature, relative humidity, carbon dioxide, carbon monoxide, volatile organic compounds, hydrogen sulfide, oxygen, combustible gasses, and collected airborne asbestos fiber and bulk asbestos samples.

1.2 Findings

- On the days of the investigation, inside the building, temperature and relative humidity readings were collected. Temperatures ranged from 69°F to 78°F and relative humidities ranged from 39% to 69%. The American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE) recommends that temperatures stay within the range of 66°F to 76°F and that relative humidities stay within the range of 30% to 60%. Temperatures and relative humidities were above the recommended range in some instances.
- Carbon dioxide levels ranged from 521 ppm to 1044 ppm. ASHRAE recommends carbon dioxide levels remain below an outdoor reading plus 700 ppm. The outdoor readings ranged from 521 ppm to 535 ppm, therefore the recommended limits were 1221 ppm to 1235 ppm. Carbon dioxide levels did not exceed the recommended range.
- Observed carbon monoxide levels ranged from below the limit of detection of 1 ppm to 2 ppm. These levels are well below the recommended limits, including the Environmental Protection Agency (EPA) National Ambient Air Quality Standard (NAAQS) of 9 ppm.
- Levels of volatile organic compounds ranged from below the limit of detection of 0.1 ppm to 7.4 ppm. Hillmann recommends that levels of volatile organic compounds remain below three times the background outdoor reading. Since the outdoor readings taken during the investigations were below the limit of detection of 0.1 ppm, the recommended limit would be 0.3 ppm. The only elevated reading occurred in the penthouse area during the time roof repair was occurring. This elevated level had returned to below the recommended limit on a follow-up visit.
- Hydrogen sulfide is a colorless gas with a strong odor that can often be present during or after a fire. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) is 10 ppm. In the subject space, levels were found to be below the limit of detection of 1 ppm. These levels were below recommended limits.
- The normal level of oxygen in air, at sea level, is 20.9%. If oxygen levels in a space are at or below 19.5%, the space is considered oxygen deficient (by OSHA 29 CFR Part 1910.94, 30 CFR Part 11 and ANSI Standard Z88.5-1973) and is unable to safely support human occupancy. The oxygen levels ranged from 20.7% to 21.2%, and were within normal levels.

Hillmann Environmental Group, LLC

- Levels of combustible gasses (LEL) should remain below 1% and never exceed 10% in an occupied space. Levels of combustible gasses in the subject space remained below the limit of detection of 1%.
- Levels of airborne asbestos fibers ranged from below the limit of quantification of 0.004 fibers/cc to 0.005 fibers/cc, and were well below the EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) standard of 0.01 fibers/cc. Dust samples were also taken in the subject space and analyzed for asbestos structures. After cleaning the facility of debris from the World Trade Center collapse, no asbestos fibers were detected in the samples.
- Bulk samples of dust and debris were collected and analyzed for asbestos content. No asbestos was identified in the collected samples.

1.3 Recommendations

Based on these results, Hillmann finds no characteristics of the Indoor Air Quality that require immediate remediation. Elevated temperatures and relative humidities do have the potential to cause occupant discomfort. However, these elevated readings occurred when ventilation systems were not fully functioning due to outside odors. If tenant complaints occur, it is recommended that thermostats be adjusted to remain within recommended levels.

SECTION 2 - INTRODUCTION

2.1 General. Hillmann Environmental Group, LLC performed an Indoor Air Quality Investigation at the request of Mr. Joseph Rizzuto, of Cushman & Wakefield, as a result of the recent World Trade Center collapse. This survey was performed in 44 Wall Street, New York, NY.

On four dates, Hillmann's site investigator, Jennifer L. Collins, IH, performed a visual inspection and conducted air sampling of the subject space to identify conditions that could negatively impact indoor air quality. Sampling was conducted on September 15th, 21st and October 4th and 5th, 2001.

Indoor air quality problems are caused by the combination of many factors and contaminants, including temperature, relative humidity, carbon dioxide, carbon monoxide, dust, microorganism growth, formaldehyde, ozone, nitrous oxides and hydrogen sulfide.

The inspection and sampling are performed by trained industrial hygienists using Environmental Protection Agency (EPA) and National Institute for Occupational Safety and Health (NIOSH) sampling techniques. Samples are analyzed at an appropriately accredited laboratory. These samples, representative of a narrow time frame, are for screening purposes only and are not intended to represent definitive exposure levels.

2.2 Sampling Parameters and Methodology. The chosen sampling parameters were temperature, relative humidity, carbon dioxide, carbon monoxide, volatile organic compounds, hydrogen sulfide, oxygen, combustible gasses and airborne asbestos. Hillmann selected the sampling parameters based on consultations with the client, the laboratories performing the analysis and our in-house experts. The inspection is a general screening to identify if potential hazards exist.

The industrial hygienist employed a sampling scheme that is representative of the average working environment and accounts for the entire subject space. Sampling parameters were based on common indoor air pollutants.

I. Temperature, relative humidity (RH), carbon dioxide (CO₂) and carbon monoxide (CO) levels are measured using a TSI Q-Track 8551 direct reading monitor. The monitor measures CO₂ from 0 ppm to 5000 ppm in 1 ppm increments and CO from 0 ppm to 500 ppm in 1 ppm increments.

II. Volatile Organic Compound Levels were measured by using a direct reading Rae Systems Mini Rae 2000 Photo Ionization Detector (P.I.D.). The P.I.D. has a range of 0 to 2000 mg/m³ and an accuracy of ± 2 mg/m³ or 10% of the reading. The P.I.D. semi-quantifies volatile organic compound levels by ionizing these compounds using an electrodeless 10.6 eV ultraviolet discharge lamp. The ionized compounds give off an electrical signal that is translated into a reading. The investigator compares the readings taken within the subject space to a background reading, taken outside. The limit of detection of the P.I.D. is 0.1 mg/m³.

III. Hydrogen Sulfide (H₂S) concentrations were analyzed utilizing a Rae Systems Multi-Rae Four Gas meter. The range and limits of detection for this meter depends on the gasses being tested for. The Hydrogen Sulfide range is 0-100 ppm and a 1.0 ppm limit of detection.

IV. Oxygen (O₂) levels were measured using a Multi-Rae Four Gas meter with a limit of detection of 0.1%.

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V. Combustible Gasses (LEL) concentrations were analyzed using a Rae Systems Multi-Rae Four Gas meter that has a 0-100% range and a limit of detection of 1.0%.

VI. Airborne Asbestos concentrations are determined by drawing air through a 25 mm TEM cassette, for a minimum of 1300 Liters. The samples are then analyzed by Transmission Electron Microscopy, conducted by an appropriately accredited laboratory, in accordance with NIOSH Method 7402. 10% of the samples analyzed by PCM are also analyzed by TEM. The 10% are selected at random.

VII. Bulk samples were collected following EPA recommended sample collection procedures.

SECTION 3 - RESULTS

3.1 Temperature, Relative Humidity, Carbon Dioxide, Carbon Monoxide, Volatile Organic Compounds, Hydrogen Sulfide, Oxygen and Combustible Gasses.

Investigation Date: September 15, 2001*

Location	Time	Temp (°F)	RH	CO ₂ (ppm)	CO (ppm)	VOCs (ppm)	H ₂ S (ppm)	O ₂ (%)	LEL (%)
Target Range		66 ⁰ to 76 ⁰	30% to 60%	<1235	<9.0	<0.3	<10	>19.5	<0.1
Lobby	12:02	69°	39%	521	1	LOD	LOD	20.7	LOD

Investigation Date: September 21, 2001

Location	Time	Temp (°F)	RH	CO ₂ (ppm)	CO (ppm)	VOCs (ppm)	H ₂ S (ppm)	O ₂ (%)	LEL (%)
Target Range		66 ⁰ to 76 ⁰	30% to 60%	<1221	<9.0	<0.3	<10	>19.5	<0.1
24 th Floor	12:04	78°	54%	950	1	7.4**	LOD	20.8	LOD
17 th Floor, Near Freight	12:08	77°	53%	1044	2	LOD	LOD	21.1	LOD
17 th Floor, Capstone Space	12:11	76°	51%	1007	2	LOD	LOD	21.1	LOD
11 th Floor, Reception of Costello, Shea & Gaffney	12:14	78°	69%	878	2	LOD	LOD	21.1	LOD
5 th Floor, Empty Space	12:16	76°	61%	771	2	LOD	LOD	21.1	LOD

Investigation Date: October 4, 2001

Location	Time	Temp (°F)	RH	CO ₂ (ppm)	CO (ppm)	VOCs (ppm)	H ₂ S (ppm)	O ₂ (%)	LEL (%)
Target Range		66 ⁰ to 76 ⁰	30% to 60%	<1232	<9.0	<0.3	<10	>19.5	<0.1
Lobby	14:20	77°	50%	766	LOD	LOD	LOD	21.1	LOD
Penthouse	14:26	75°	51%	902	LOD	LOD	LOD	20.9	LOD
17 th Floor, Capstone Group	14:32	77°	50%	777	LOD	LOD	LOD	21.1	LOD
16 th Floor	14:35	77°	49%	870	LOD	LOD	LOD	21.1	LOD
9 th Floor	14:39	75°	48%	835	LOD	LOD	LOD	21.1	LOD
6 th Floor	14:42	75°	50%	794	LOD	LOD	LOD	21.2	LOD

LOD= Measurement was below the Limit of Detection for the method used.

*= Building floors remained closed due to power outages.

**= Elevated reading can be attributed to adjacent roofing activities.

3.2 Outside & Supply Measurements**Investigation Date: September 15, 2001**

TIME	TEMP. (°F)	RH	CO ₂ (ppm)	CO (ppm)	VOCs (ppm)
12:06	71°	38%	535	2	LOD

Investigation Date: September 21, 2001

TIME	TEMP. (°F)	RH	CO ₂ (ppm)	CO (ppm)	VOCs (ppm)
12:20	73°	42%	521	LOD	LOD

Investigation Date: October 4, 2001

TIME	TEMP. (°F)	RH	CO ₂ (ppm)	CO (ppm)	VOCs (ppm)
14:55	68°	39%	532	LOD	LOD

3.3 Airborne Asbestos Fiber Sample Results

Location	Date Sampled	Asbestos by TEM (struct/cc)
Recommended Limit		0.01
Mezzanine, Back Area	9/21	0.003
Mezzanine, Adjacent to Elevator	9/21	<0.002
Penthouse Level, Large Meeting Room	9/21	<0.002
Penthouse Level, Adjacent to Entrance	9/21	<0.002
Elevator Lobby	9/21	<0.002
Lobby, Adjacent to Entrance	9/21	<0.002
A Level/ Adjacent to D Stairwell	9/21	<0.002
6 th Floor, West Main Area	9/21	<0.002
9 th Floor, Middle of Main Area	9/21	<0.002
22 nd Floor, West Area	9/21	<0.002
Stairwell A, by 16 th Floor	9/21	<0.002
18 th Floor, East	9/21	<0.002
Penthouse, Adjacent to Fireplace	10/4	0.002

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Location	Date Sampled	Asbestos by TEM (struct/cc)
Lobby, Rear	10/4	0.002
Basement, Elevator Pit	10/5	0.005
24 th Floor, Machine Room	10/5	<0.004
Charles Schwaab Space	10/5	<0.004
Wall Street Rarities	10/5	<0.004

/ 8

Bulk Sample Results

Location	Contents	Percent
Basement, Elevator Pit	No Asbestos Detected	--
24 th Floor, Machine Room	No Asbestos Detected	--
24 th Floor, Penthouse	No Asbestos Detected	--
Charles Schwaab Space	No Asbestos Detected	--
Wall Street Rarities	No Asbestos Detected	--
Lobby	No Asbestos Detected	--
9 th Floor, Window Ledge	No Asbestos Detected	--

SECTION 4 – DISCUSSION

While on site, Hillmann performed various types of air sampling and observed work conditions.

4.1 Temperature

The American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE) recommends temperatures be kept between 66°F and 76°F. In the occupied space, temperatures ranged from 69°F to 78°F, and were above the recommended range in many areas.

4.2 Relative Humidity

ASHRAE recommends relative humidity range between 39% to 69%. Relative humidity levels in the subject space ranged from 39% to 64% and were above the recommended range in some areas.

4.3 Carbon Dioxide

ASHRAE recommends carbon dioxide levels remain below an outdoor reading plus 700 ppm. The outdoor readings ranged from 521 ppm to 535 ppm, therefore the recommended limits were 1221 ppm to 1235 ppm. Carbon dioxide levels ranged from 521 ppm to 1044 ppm. Carbon dioxide levels did not exceed the recommended range.

4.4 Carbon Monoxide

Carbon monoxide, a colorless, odorless gas, is a by-product of incomplete combustion. Carbon monoxide combines with hemoglobin in the blood to cause carboxyhemoglobin poisoning. Carbon monoxide can be released by many different sources such as: motor vehicle exhaust (intakes for the ventilation system located near a loading dock), tobacco smoke, and cracked exchangers on gas-fired heating appliances. The standards for Carbon Monoxide are the American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV) of 35 ppm, the Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) of 35 ppm, and the Environmental Protection Agency (EPA) National Ambient Air Quality Standard (NAAQS) of 9 ppm. Carbon monoxide levels measured in the occupied areas ranged from below the limit of detection of 1 ppm to 2 ppm, and were below the recommended limits.

4.5 Volatile Organic Compounds

Volatile organic compounds are carbon-containing compounds that boil at temperatures low enough that they can become gasses under normal conditions. They are frequently used as solvents and cleaners and can be given off by such materials as plastics and wiring insulation, especially if these materials are heated. Volatile organic compounds were measured by Photo Ionization Detector (P.I.D.). Hillmann recommends that levels detected by P.I.D. remain below three times the outdoor reading. Since the outdoor reading was below the limit of detection of 0.1 ppm, the recommended limit would be 0.3 ppm. In the subject space, levels were found to range from below the limit of detection of 0.1 ppm to 7.4 ppm. Levels measured by P.I.D. remained below this limit except for one reading in the Penthouse. However, this elevated reading can be attributed to adjacent roofing work that was occurring at the time of the investigation. A follow-up reading showed that levels had returned to normal.

4.6 Hydrogen Sulfide

Hydrogen sulfide is a colorless gas with a strong odor. This gas can be found during or after fires, and can cause varying complaints from headaches to nausea. The OSHA Permissible Exposure Limit (PEL) is 10 ppm. Levels of hydrogen sulfide in the subject space remained below the limit of detection of 1 ppm on all investigated days, and therefore below the recommended limits.

4.7 Oxygen

Oxygen is a normal and vital constituent of our atmosphere. The normal level of oxygen in air, at sea level, is 20.9%. If oxygen levels in a space are at or below 19.5%, the space is considered oxygen deficient (by OSHA 29 CFR Part 1910.94, 30 CFR Part 11 and ANSI Standard Z88.5-1973) and is unable to safely support human occupancy. The oxygen levels ranged from 20.7% to 21.2% in the subject space, and were within the recommended range.

4.8 Combustible Gasses

Combustible gasses are combustible, explosive and present a danger as such, especially when contained in a structure. Levels should mostly be below 1% and never exceed 10% in an occupied area. The LEL levels were below the limit of detection of 1.0% in the subject space at all times during the investigation.

4.9 Airborne Asbestos Fibers

Levels of airborne asbestos fibers ranged from below the limit of quantification to 0.005 fibers/cc. The EPA NESHAP standard is 0.01 fibers/cc. Observed levels were well below this limit. Bulk dust samples were also taken from various areas in the subject space to ensure cleaning procedures were effective after the World Trade Center collapse. Asbestos fibers were not detected in any of these samples.

4.10 Bulk Asbestos Samples

The U.S. EPA and NYSDEP define Asbestos Containing Materials (ACM) as any material containing greater than 1% asbestos. No asbestos was identified in the samples collected.

SECTION 5 – CONCLUSIONS AND RECOMMENDATION**5.1 Conclusions**

Hillmann found no characteristics of the Indoor Air Quality that could be anticipated to cause occupant illness or require immediate remediation. Elevated temperatures and relative humidities do have the potential to cause occupant complaints. However, these levels were mostly due to outside conditions, and precautions taken with ventilation systems due to the World Trade Center collapse.

5.2 Recommendations

Based on these results, we have not identified any characteristics of the Indoor Air Quality that would require immediate remediation. Thermostats should be adjusted to remain within the recommended levels.

SECTION 6 – APPENDICES**6.1 List of Abbreviations**

AIHA	American Industrial Hygiene Association
ACGIH	American Conference of Governmental Industrial Hygienists
ASHRAE	American Society of Heating, Refrigeration and Air-conditioning Engineers
CDC	Centers for Disease Control
EPA	Environmental Protection Agency
NAAQS	National Ambient Air Quality Standard
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
CFU/m ³	Colony forming units per cubic meter of air
F/cc	Fibrous dust per cubic centimeter of air
HVAC	Heating, ventilation & air-conditioning
mg/m ³	Milligrams per cubic meter of air
PEL	Permissible exposure level. This is the enforceable standard.
pCi/L	Picocuries per liter of air
ppm	Parts per million
TLV	Threshold limit value
TWA	Time weighted average

6.2 References

1. American Conference of Governmental Industrial Hygienists, Guidelines For The Assessment Of Bioaerosols In The Indoor Environmental, Cincinnati, Ohio 1989.
2. Molhave, L., B. Bach, and O. F. Pederson, Human Reactions During Exposures to Low Concentrations of Organic Gases and Vapors Known as Normal Indoor Air Pollutants, in: Proc, of the 3rd Int. Conf. on Indoor Air Quality and Climate, Vol. 3:461-466, Stockholm.
3. Molhave, L., Volatile Organic Compounds as Indoor Air Pollutants, in Indoor Air and Human Health; R. B. Gammage and S. V. Kaye (eds.), Lewis Publishers.
4. Plog, B. A., Benjamin, G. S., and Kerwin, M. A.; Fundamentals of Industrial Hygiene, Fourth Edition; National Safety Council; 1996.
5. McDermott, Henry J.; Handbook of Ventilation for Contaminant Control, Second Edition; Butterworth Publishers; 1985.
6. Committee on Industrial Ventilation; Industrial Ventilation 22nd; Edition; "A Manual of Recommended Practice"; American Conference of Governmental Industrial Hygienists, Inc.; 1995.
7. ANSI/ASHRAE; Thermal Environmental Conditions for Human Occupancy 55-1992; ASHRAE; 1992.
8. ANSI/ASHRAE; Ventilation for Acceptable Indoor Air Quality, 62-1989; ASHRAE; 1990.



**ASBESTOS & LEAD ABATEMENT,
DUCT CLEANING & DEMOLITION**

**DEGMOR, INC.
511 CANAL STREET
3rd FLOOR
NEW YORK, NY 10013
(212) 431-0696
FAX (212) 431-5764**

CUSHMAN & WAKEFIELD, INC.

**44 WALL STREET
NEW YORK, NY 10005**

JOB LOCATION: 44 WALL STREET
BASEMENT

PROJECT MANAGER: RONALD FORTUNA

SCOPE OF WORK: REMOVAL OF 600 SF OF VAT

JOB DATE: 10/02/01

PROJECT NO.: 01A-248

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5. OSHA REPORTS

1. DEGMOR'S LICENSE
 DEGMOR'S INSURANCE(S)
 NOTIFICATIONS

08/23/01 THU 08:57 FAX 513 485 8530

NYSDEL/C & C

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STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, Room 161
STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

LICENSE NUMBER: 99-0741
DATE OF ISSUE: 8/22/01
EXPIRATION DATE: 8/31/02

Contractor: DEGMOR, INC.

Address: 511 CANAL STREET - 3rd FLOOR
NEW YORK, NY 10013

Duly Authorized Representative: MORRIS NAPOLITANO

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

ONLY
TYPEWRITTEN
FORMS WILL
BE ACCEPTED



NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
Asbestos Control Program
59-17 Junction Boulevard, 8th Floor, Corona, NY 11368-5107

NOT AN ASBESTOS PROJECT

FOR OFFICIAL USE ONLY

1. _____
NYC Buildings Dept. Application #

ACP 5 Fee \$ _____

When submitting this form at the NYC Department of Buildings, the original form and three (3) copies with original signature and seal are required. Submittal at the NYCDEP requires one copy of the form with original signature and seal.

2. Facility Address 44 Wall Street Borough Manhattan Zip 10019
AKA _____ 3. Block 43 4. Lot 1
5. Building Owner LANDLEASE REAL ESTATE Tel. # (212) 425-7915
6. Address 787 Seventh Avenue State NY Zip 10019
7. Contact Person Ronald Fortuna 8. Tel. # (212) 425-7915
9. Description of the Entire Scope of Work ASBESTOS REMOVAL 1

10. Est. Start Date 10/1/01 ☐ As soon as permit approved Est. Completion Date 10/8/01 of the Entire Scope of Work

11. I, Farhood Belami, have conducted an asbestos investigation on _____ in accordance with
Name of Certified Asbestos Investigator Date

Sections 1-16 and 1-27 of the NYC DEP Asbestos Control Program Rules and declare that at said facility address, the

- ☐ a. premise to be demolished is free of any asbestos containing material (ACM).
☐ b. premise to be demolished contains 10 square feet or less or 25 linear feet or less of ACM.
☐ c. cumulative surfaces of structure(s) affected by the work are free of ACM.
☐ d. cumulative surfaces of structure(s) affected by the work contain 10 square feet or less or 25 linear feet or less of ACM
☒ e. normally non-friable ACM shall be disturbed/removed. Specify amount: 600 square feet
☐ f. ACM will not be disturbed during the scope of work. Specify amount of ACM present: _____ square feet _____ linear feet

All ACM specified in "b", "d", or "e" must be removed in accordance with the DEP Asbestos Rules or NYS DOL ICR56.*

12. RESULTS OF BUILDING SURVEY AND HAZARD ASSESSMENT:

FLOOR (including cellar and basement)	DESCRIBE SECTION OF FLOOR (e.g. entire, east wing, room #, boiler room, lobby, etc.)	ALL MATERIALS ASSUMED TO CONTAIN ACM AND/OR SAMPLED	NUMBER OF SAMPLES ANALYZED	ASBESTOS PRESENT YES NO	ASSUMED ACM
Basement					
	Proj. NY-421-01				

13. Analytical Laboratory NA

14. ELAP # NA 15. Date(s) Samples Analyzed _____

16. I hereby declare the information provided herein is true and complete.

Farhood Belami 84243 9/28/01 (732) 729-1800
NYC DEP Certified Asbestos Investigator's Signature Certificate Number Date Daytime Telephone Number

Any modification or deviation from information provided on this form must be reported immediately in writing directly to the NYCDEP. The requirements of the Asbestos Control Program Rules may not be lawfully avoided or lessened through the performance of work in incremental or piecemeal fashion.

* In-plant operations, as defined in §56-3.1 of ICR56, are not permitted in New York City.

SEAL
OF THE
NYC DEP
CERTIFIED
ASBESTOS
INVESTIGATOR

ACP5
2/2001

ACORD

CERTIFICATE OF LIABILITY INSURANCE

OP ID CA
DEGMO-1

DATE (MM/DD/YY)
08/01/01

PII

OR
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M
A
C

AC

DEGMOR, INC.

611 CANAL STREET - 3RD FLOOR
NEW YORK, NY 10013
Tel.: (212) 431-0696
Fax: (212) 431-5764

September 28, 2001

State of New York --Dept. of Labor
Division of Safety and Health
Asbestos Control Bureau
State Office Campus
Building 12 - Room 454
Albany, NY 12210
VIA FAX: (212) 352-6902
HARD COPY: Mailed to Albany

➔ US-EPA REGION 2
DECA - Air Compliance Branch
290 Broadway - 21st Floor
New York, NY 10007-1866
Attention: Mr. Max Rehfeld

AMENDMENT -- AMENDMENT

RE: 44 WALL STREET - NEW YORK, NY

Please note that the owners have requested that we remove 600 SF of VAT from the basement. The work will be conducted under the applicable variance AV-120.

Should there be any other changes, we will immediately notify you.

Sincerely,



Maria Napolitano

NOTIFICATION OF DEMOLITION AND RENOVATION

Operator Project #	Postmark	Date Received	Notification
I. TYPE OF NOTIFICATION (O = Original / R = Revised) :			
II. FACILITY INFORMATION (Identify owner, removal contractor, and other operator)			
OWNER: LAND LEASE REAL ESTATE			
Address: 787 7th Avenue			
City: New York	State: NY	ZIP: 10019	
Contact: Mr. Andrew Bauman			Tel: (212) 554-1631
REMOVAL CONTRACTOR: DEGMOR, INC.			
Address: 511 Canal Street - 3rd Floor			
City: New York	State: NY	ZIP: 10013	
Contact: Morris Napolitano			Tel: (212) 431-8696
OTHER OPERATOR: COMMERCIAL LAB ENTERPRISES			
Address: 270 Swinston Avenue			
City: Bronx	State: NY	ZIP:	
Contact: Mr. Escalona			Tel: (718) 792-2832
II. TYPE OF OPERATION (D = Demolition / R = Renovation) :			
V. ASBESTOS PRESENT? (Yes/No) Y			
VI. FACILITY DESCRIPTION (Include building name, number and floor or room number:			
Building Name:			
Address: 44 Wall Street			
Address:			
City: New York	State: NY	County: Manhattan	
Site Location: Roof			
Building Size	Sq Meter:	Sq Ft:	# of Floors: 24 Age in Years: 80
Present Use: Commercial		Prior Use: Commercial	
VII. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:			
Presence of Asbestos already determined			
VIII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING:		Non-Friable Asbestos Material - Not to be removed	
1. Regulated ACM to be removed			
2. Category I ACM not removed			
3. Category II ACM not removed			
RACM to be Removed		Category I	Category II
Types:			
Surface Area: Roofing/flashing		10,000	
RACM off Facility Component			
IX. SCHEDULED DATES OF ASBESTOS REMOVAL: (MM/DD/YY)		Start: 8-10-01	Complete: 7-10-02
X. SCHEDULED DATES OF DEMOLITION/RENOVATION: (MM/DD/YY)		Start:	Complete:

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE

NOTIFICATION OF DEMOLITION AND RENOVATION (continued)

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:

XI. DESCRIPTION OF ENGINEERING CONTROLS AND WORK PRACTICES TO BE USED TO CONTROL EMISSIONS OF ASBESTOS AT THE DEMOLITION OR RENOVATION SITE:

WASTE TRANSPORTER #1:

Name: IESI NY CORPORATION

Address: 110 5th Street

City: Brooklyn

State: NY

ZIP: 11215

Contact Person: Sal Arnone

Telephone: 718-522-2263

WASTE TRANSPORTER #2:

Name:

Address:

City:

State:

ZIP:

Contact Person:

Telephone:

X. WASTE DISPOSAL SITE:

Name: IESI PA BLUE RIDGE LANDFILL CORP.

Address: P O BOX 399

City: SCOTLAND

State: PA

ZIP: 17254

Telephone: (717) 261-2690

X. IF DEMOLITION IS ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:

Name:

Title:

Address:

Date of Order (MM/DD/YY):

Date Ordered to Begin (MM/DD/YY):

X. FOR EMERGENCY RENOVATIONS:

Date and Hour of Emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of How the Event caused Unsafe Conditions or Serious Disruption of Industrial Operation:

XV. DESCRIPTION OF PROCEDURE TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NON-FRIABLE ASBESTOS BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER. ANY ACM WHICH IS DISCOVERED UNEXPECTEDLY OR NON-FRIABLE ACM WHICH BECOMES CRUMBLED WILL BE IMMEDIATELY WET WITH AMENDED WATER AND CLEANED UP WITH HEPA VACS TO BE PUT IN 6 MIL POLY BAGS FOR PROPER DISPOSAL.

XVI. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THE REGULATION (40CFR PART 61 SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS. (Required 1 year after promulgation)

M. Lupatino (OP) 7/31/01
Signature of Owner/Operator (Date)

XVII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

M. Lupatino (OP) 7/31/01
Signature of Owner/Operator (Date)

DEGMOR, INC.

511 CANAL STREET - 3RD FLOOR
NEW YORK, NY 10013
Tel.: (212) 431-0696
Fax: (212) 431-5764

September 28, 2001

→ State of New York - Dept. of Labor
Division of Safety and Health
Asbestos Control Bureau
State Office Campus
Building 12 - Room 454
Albany, NY 12210
VIA FAX: (212) 352-6902
HARD COPY: Mailed to Albany

US-EPA REGION 2
DECA - Air Compliance Branch
290 Broadway - 21st Floor
New York, NY 10007-1866
Attention: Mr. Max Rehfeld

AMENDMENT -- AMENDMENT

RE: 44 WALL STREET - NEW YORK, NY

Please note that the owners have requested that we remove 600 SF of VAT from the basement. The work will be conducted under the applicable variance AV-120.

Should there be any other changes, we will immediately notify you.

Sincerely,



Maria Napolitano



STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
ASBESTOS CONTROL BUREAU
State Office Campus
Building 12 - Room 454
Albany, N.Y. 12240

AMENDED NOTIFICATION

- ☐ Postponed ☐ Cancelled
New Start Date _____
New End Date _____
Submitted By _____

Refer to Information Sheet or Code
Rule 56 for Time Deadlines

ASBESTOS PROJECT NOTIFICATION**EMERGENCY NOTIFICATION REQUESTED**

- a. Date of Request _____ b. Time of Day _____
c. Name of Person Granting Request _____

WITHIN TWO WORKING DAYS OF THE EMERGENCY APPROVAL, you must submit duplicate copies of this form with the appropriate fee to the Asbestos Control Bureau at the address shown.

1. NAME AND ADDRESS OF CONTRACTOR DEGMOR, INC. 511 Canal Street - 3rd Floor New York, NY 10013		2. FEDERAL EMPLOYER IDENTIFICATION NO. PII	3. ASBESTOS LICENSE NO. PII
		4. MAILING ADDRESS, (if different than listed in ITEM 1) 	
		5. NAME AND ADDRESS OF PARTY FOR WHOM THE PROJECT IS BEING PERFORMED LANDLEASE REAL ESTATE 787 7th Avenue - New York, NY 10019	
a. NAME AND TITLE OF DULY AUTHORIZED REPRESENTATIVE Morris Napolitano			b. TELEPHONE NO. (212) 431-0696

PROJECT INFORMATION

PROVIDE ALL INFORMATION REQUESTED FOR THE BUILDING/SITE AT WHICH THE ASBESTOS PROJECT WILL BE CONDUCTED.

7. ADDRESS (INCLUDE NAME OF BUILDING, ROOM NO., CITY, TOWN, VILLAGE) 14 Wall Street - New York, NY 10005		8. NAME OF BUILDING OWNER LANDLEASE REAL ESTATE	
9. COUNTY Manhattan	10. CURRENT USE OF BUILDING Commercial	11. AGE OF BUILDING 80	12. TOTAL CONTRACT AMOUNT TBD
13. PROJECT DATE(S) - List phased project dates in REMARKS (Item 28) a. ACTUAL STARTING DATE 8-10-01 b. PROJECTED ENDING DATE 7-10-02	14. TYPE OF ASBESTOS WORK (CHECK ALL WHICH APPLY) ☐ Pipe Related ☐ Sprayed on Insulation ☒ Roofing/Flashing ☐ Vessel Covering ☐ Siding ☐ VAT ☐ Demolition ☐ Other (Specify) _____	15. WILL WORK ON THE PROJECT BE CONDUCTED UNDER A VARIANCE? If yes, specify the type of variance: ☒ APPLICABLE VARIANCE - NO.: <u>AV-119</u> ☐ INDIVIDUAL VARIANCE - PETITION NO.: _____	
17. ASBESTOS PROCEDURE(S) TO BE USED (CHECK ALL WHICH APPLY) ☒ REMOVAL ☐ ENCLOSURE ☐ ENCAPSULATION ☐ OTHER (Specify) _____ ☐ DEMOLITION ☐ DISTURBANCE ☐ HANDLING		18. TYPE OF ASBESTOS MATERIAL ☐ FRIABLE ☒ NON-FRIABLE	19. AMOUNT OF ASBESTOS INVOLVED - CHECK ALL APPLICABLE BOX(ES) LINEAR FEET ☐ Less than 260 (Specify) _____ ☐ (\$100) 260-429 ☐ (\$200) 430-824 ☐ (\$500) 825-1649 ☐ (\$1000) 1650 OR MORE (Specify) _____ SQUARE FEET ☐ Less than 160 (Specify) _____ ☐ (\$100) 160-259 ☐ (\$200) 260-499 ☐ (\$500) 500-999 ☒ (\$1000) 1000 OR MORE <u>10,000</u> (Specify) _____

20. METHODS TO BE USED AT PROJECT SITE TO PREVENT ASBESTOS DISSEMINATION (INCLUDING TYPE OF EQUIPMENT AND VENTILATION SYSTEMS USED)
POLY SHEETING, WATER RESISTANT DUCT TAPE & WOOD WILL BE USED FOR THE SET UP OF THE ENCLOSURES & DECONTAMINATION FACILITIES. DECONTAMINATION FACILITIES SHALL BE EQUIPPED WITH SHOWERS AND WATER FILTRATION DEVICES. AIR FILTRATION DEVICES SHALL BE USED TO FILTER CONTAMINATED WATER. AMENDED WATER SHALL BE USED TO WET ACM

I verify that the information specified on this notification is true and accurate and that the project will be conducted in compliance with the requirements of Code Rule 56.

a. Signature of the Contractor or Duly Authorized Representative M. Napolitano (REP) b. Date 7-31-01

PREPARE THIS APPLICATION IN TRIPLICATE AND SUBMIT:

- An original and one copy (with an ink signature on both copies) to the New York State Department of Labor, Division of Safety and Health, Asbestos Control Bureau, State Office Campus, Building 12-Room 454, Albany, NY 12240; retain one copy for your records.
- A certified check or money order, made payable to the Commissioner of Labor, for the fee due based on the project size as shown in item 19. This notification must be submitted at least 10 days prior to the starting date of the asbestos project.

22. METHOD(S) TO BE USED AT PROJECT SITE TO TREAT OR DISPOSE OF CONTAMINATED WASTE WATER (IF APPLICABLE)

CONTAINMENT WASTE WATER RESULTING FROM ACM REMOVAL WILL BE DOUBLE BAGGED IN POLY BAGS AND SHOWER WASTE FROM PERSONAL AND WASTEOUT DECON TO BE HEPA FILTERED AND VACUATED THROUGH BUILDING WASTE LINES.

23. NAME AND ADDRESS OF WASTE DISPOSAL SITE, IF ANY

I.E.S.I. PA BLUE RIDGE LANDFILL CORP.
P.O. Box 399
Scotland, PA 17254
(717) 261-2690

24. NAME AND ADDRESS OF WASTE HAULER/TRANSPORTER, IF ANY

I.E.S.I. NY CORPORATION
110 5th Street
Brooklyn, NY 11215
(718) 522-2263

25. METHOD(S) TO BE USED AT WASTE DISPOSAL SITE (IF APPLICABLE)

ACM WILL BE BURIED IN ORIGINAL CONTAINMENTS IN WHICH THE ASBESTOS WAS BEEN PACKED AFTER REMOVAL

26. LIST ALL EQUIPMENT TO BE USED FOR THIS ASBESTOS PROJECT, e.g. NEGATIVE AIR FILTRATION UNITS, RESPIRATORS, WETTING DEVICES, HEPA VACUUMS, ETC. DO NOT INCLUDE NON-ASBESTOS RELATED EQUIPMENT OR EXPENDABLE SUPPLIES. (ATTACH ADDITIONAL SHEETS IF NECESSARY)

DESCRIPTION OF EQUIPMENT	MANUFACTURER	MODEL NUMBER	QUANTITY
VACUUM	NIKRO	CL-100	2
HALF FACE RESPIRATOR	GLENAIRE	MX/PF	ONE FOR EAC WORKER
COLLAPSABLE SHOWER	HYDROFORCE	HFS	1

27. LABORATORY ANALYSIS TO BE PERFORMED BY:

a. NAME
EMSL

b. ELAP REGISTRATION NUMBER
11506

28. REMARKS:

FEDERAL I.D. NO. FOR TRANSPORTER: 13-3960687

STATE OF NEW YORK
DEPARTMENT OF LABOR
STATE OFFICE BUILDING CAMPUS
ALBANY, NEW YORK 12240-0100

In the Matter of

Part 56 of Title 12 of the Official Compilation
Of Codes, Rules and Regulations of the
State of New York

(Cited as 12 NYCRR 56)
(As Amended Effective November 9, 1994)

ICR 56-8.1(c), 8.1(k)(1-5), 9.1(a), 10.1(a),
11.1(b), 15.2(c-e) and 17.2(a)

COMMISSIONER'S
DECISION

APPLICABLE
VARIANCE 120
(AV 120)

Asbestos Floor Covering
and Mastic
Manual Removal

DATED: June 30, 2000

Pursuant to Section 30 of the Labor Law, the Commissioner of Labor has reviewed the above cited provisions of Industrial Code Rule 56, as they relate to the abatement of asbestos floor covering and mastic.

The Commissioner of Labor has also reviewed numerous petitions for variance or other relief relative to such materials and the decisions rendered relative to these petitions.

The Commissioner of Labor finds that the issuance of an Applicable Variance from the above cited provisions of Industrial Code Rule 56, as such pertain to the removal of asbestos floor covering and mastic would not violate the spirit and purpose of said rules and would secure the public safety as contemplated by said rules.

APPLICABLE VARIANCE

A variance from the cited provisions of Industrial Code Rule 56 is hereby GRANTED subject to the following conditions.

THE CONDITIONS

- 1 A personal decontamination enclosure systems that complies with Subpart 56-9 shall be utilized. A waste decontamination enclosure system that fully complies with Subpart 56-10 shall be utilized. These enclosure systems can be remote, on the property and within 50 feet of the building. They shall not be removed until satisfactory clearance air monitoring results have been achieved. The access area between the work area and the remote decontamination unit shall be restricted using tape barriers and warning signs.
- 2 If remote decontamination units are to be used, workers shall don two (2) suits, and the containment shall have an attached air lock within which workers shall remove their outer suit, wipe off their inner suit and don a clean outer suit prior to proceeding to another work area or to the remote decontamination unit.
- 3 If remote decontamination units are to be used, an airlock as defined in Subpart 56-1.4(c) of this Code Rule shall be constructed at the entrance to each asbestos work area large enough to serve as a changing area. This area shall not be used as waste decontamination area or a waste storage area.
- 4 The building work areas, decontamination units, airlocks, and dumpster areas shall be cordoned off at a distance of twenty-five (25') and signed and shall remain vacated except for certified workers until satisfactory clearance air monitoring results have been achieved.
- 5 If electrical circuits, machinery, and other electrical systems in the building must stay in operation during the abatement the following conditions apply:
 - ✓ All live conduits, cables and/or panel boxes that run through the work area shall be covered with three layers of (6) six-mil fire retardant polyethylene. Each layer shall be individually taped and sealed separately.
 - ✓ Any energized circuits remaining in the work areas shall be posted with a (3) three inch high lettering warning sign which reads: DANGER LIVE ELECTRICAL KEEP OUT. The sign shall be placed on all live covered barriers at a maximum of (10) ten-foot intervals. These signs shall be posted in sufficient numbers to warn all persons authorized to enter the work area of the existence of the energized circuits.
 - ✓ All (3) three layers of polyethylene sheeting shall be left in place until satisfactory clearance air monitoring results have been obtained.
 - ✓ All electrical for the removal project shall be brought into the work area through a separate GFI panel box located outside the work area.

- 6 When floor tile and mastic removals are done alone and if machinery or mechanical methods are not used, in lieu of the plasticizing requirements of ICR 56-8.1(k)(5), the following alternatives shall be used in the removal areas.
 - ✓ The walls of the work area shall be plasticized with two (2) layers of six-mil fire retardant plastic sheeting up to a height of four feet, or
 - ✓ The walls of the work area shall not be plasticized during the removal work. However, the walls shall be wet cleaned or HEPA vacuumed prior to the clearance air tests.
- 7 For manual removals of floor tile and mastic, negative air shall be established within the abatement work areas at four (4) air changes per hour with the walls plasticized up to four feet and six (6) air changes per hour with no plasticization.
- 8 The floor tiles, mastic and tar based felt shall be removed by manual methods. This applicable variance does not allow for the use of a beadblaster, etc. Any power operated tools that must be used in removing the floor tiles/mastic shall be equipped with HEPA filtered local exhaust ventilation, as required by Subpart 56-7.1(j).
- 9 Dry removals of ACM materials will not be allowed. Amended water shall be used to thoroughly wet the asbestos containing materials during the abatement process. Materials removed shall be containerized or immediately wrapped in two layers of six-mil, fire retardant plastic sheeting and secured air tight prior to transport to the waste decontamination facility.
- 9 The contractor shall observe, at a minimum, the following minimum (settling/drying) periods – 4 hours for walls plasticized to four feet and 6 hours with no plasticization.
- 10 When walls are plasticized, in addition to visible or gross cleaning, walls and floors shall be cleaned by HEPA vacuuming and wet wiping, during each multiple clean-up stage as defined in Subpart 56-15.2(b,d,e) of this Code Rule. When walls are not plasticized, one thorough cleaning and one settling period shall suffice.
- 11 After the minimum drying period has elapsed, an authorized and qualified individual, independent of the removal Contractor, (i.e. the Project Monitor, Design Engineer, Air Monitoring Technician or other representative of the Owner), shall determine if the area is dry and acceptable for clearance air sampling. If the area is dry, and acceptable for clearance air sampling clearance air sampling shall commence.
- 12 If the air test results are unacceptable, the provisions of 56-17.9 shall apply.

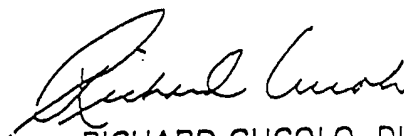
13. Carts or other containers used to transport asbestos containing and non-ACM contaminated materials to the dumpsters shall be covered and lined with two (2) layers of six-mil polyethylene.
14. Dumpsters shall be hard topped and lined with (2) two layers of six-mil polyethylene. Prior to transport from the work site the dumpster shall be sealed air/dust tight utilizing six-mil plastic and tape.
15. A copy of this Applicable Variance shall be conspicuously posted at the entrances and to the personal decontamination enclosure system(s), and to the work area(s).
16. All other applicable provisions of Industrial Code Rule 56-1 through 56-17, shall be complied.
17. This DECISION supercedes Applicable Variance 85 dated March 20, 1989.

This APPLICABLE VARIANCE shall apply and shall be applied by all enforcement officials to all persons and in all places to which the previously cited provisions of Industrial Code Rule 56 apply to the removal of vinyl asbestos floor tile and mastic with the same force and effect as if this APPLICABLE VARIANCE was duly granted upon separate petition for the use and benefit of every person affected by the cited provisions of Industrial Code Rule 56.

DATED: June 30, 2000

JAMES J. MCGOWAN
COMMISSIONER OF LABOR

BY



RICHARD CUCOLO, DIRECTOR
DIVISION OF SAFETY AND HEALTH

2. TRANSPORTER'S LICENSE(S)
TRANSPORTER'S INSURANCE(S)
WASTE MANIFEST(S)

IESI NY CORPORATION**110 5th Street • Brooklyn, NY 11215****Phone: 718-522-2263 • Fax: 718-522-2697**

MANIFEST

00445

01A-248

DATE 10/10/01

G E N E R A T O R	1. Job Site Address 44 Wall Street New York, NY		Owner's name Cushman & Wakefield (211)	Wait and Load Time In _____ Time Out _____	
	2. Contractor's name and address Dreger, Inc. 511 Canal Street New York, NY 10012			Drop Date	
	3. Waste disposal site (WDS) name, mailing address and physical site location IESI P3 Blue Ridge Landfill Corporation P.O. Box 399 Scotland, Pa. 17254			WDS phone number Period # 100934	
	4. Name and address responsible agency (Local, District or EPA Office where notification was sent) US EPA 290 Broadway, New York 10007				
T R A N S P O R T E R	5. Description of materials (RQ) WASTE ASBESTOS 9, NA2212, III	6. VEH. LIC. # TYPE SIZE	7. TOTAL QUANTITY 78 BAGS CUBICYARDS		
	8. Generator Certification		T/C 84-22		
	9. CONTRACTOR CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international government regulations.				
	DA Signature AA Signature 10/10/01 Date (M/D/Y)				
W A S T E S I T E	10. Transporter #1 (Acknowledgement of receipt of materials) IESI NY CORPORATION • 110 5th Street, Brooklyn, NY 11215		DEC Permit No. JA-462 NJ-482		
	5 Amodeo Signature DRIVER Title 10/10/01 Date (M/D/Y)				
	11. Transporter #2 (Acknowledgement of receipt of materials)		DEC PERMIT # NJ-482		
	JGSC Signature DRIVER Title 10-11-01 Date (M/D/Y)				
12. Discrepancy indication space					
13. Waste disposal site owner or operator: Certification of receipt of asbestos materials covered by this manifest except as noted in item #12					
Printed/Typed Name Title Signature Date (M/D/Y)					

WHITE:LANDFILL • GREEN:IESI • PINK:GENERATOR • YELLOW:CONTRACTOR • GOLD:JOB SITE

09/26/2001 10:29 718-522-2697

IESI NY CORP

PAGE 01/01

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

PART 364

WASTE TRANSPORTER PERMIT NO. NJ-462

Pursuant to Article 27, Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR Part 364

PERMIT ISSUED TO:

IESI NY CORP
2 COMMERCE ST
BAYONNE, NJ 07002

PERMIT TYPE:

☐ NEW
☒ RENEWAL
☐ MODIFICATIONCONTACT NAME: VITO GALANTE
COUNTY: OUT OF STATE
TELEPHONE NUMBER: 201.437.5200EFFECTIVE DATE: 10.01/2001
EXPIRATION DATE: 09/30/2002
US EPA ID NUMBER:

AUTHORIZED WASTE TYPES:

The Permittee is Authorized to Transport the Following Waste Type(s):

Asbestos

AUTHORIZED VEHICLES:

The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul septage only)

TEN (10) PERMITTED VEHICLE(S)

NY 201774A End of List
NY 284572A
NY 284689AN
NY PZ6895
NY PZ8754
NY T491YM
NY T5Y799
NY T7W319
PA PT8466D
PA PT8467D

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

PERMIT ADMINISTRATOR: Dave Vitale

ADDRESS:

New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials - Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7253

AUTHORIZED SIGNATURE: _____

Date: 8/21/01

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)

02/21/2001

PRODUCER

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION
ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE

PII

0ds#2853559

3. DAILY LOG BOOK
SIGN-IN / SIGN-OUT

Mead
COMPOSITION

01A-248

BASEMENT

LANDLEASE REAL ESTATE
44 WALL STREET
NEW YORK, NY

VAT

© 1994 — The Mead Corporation, Dayton, Ohio 45463 U.S.A. Made in U.S.A.



01A-248

DEGMOR, INC.

511 CANAL ST. (3RD)

New York, NY 10013

tel (212) 431-0696

fx (212) 431-5764

PERMIT: 99-0741

CLIENT: LANDLEASE REAL ESTATE

q/c CUSHMAN & WAKEFIELD

44 WALL ST.

New York, NY

JOB ADDRESS: 44 WALL ST.

BASEMENT

Scope of Work:

• Removal of 600 SF of VAT

START DATE: 10/01/01

END (DATE): 10/02/01

51001 YH, X90P WSH

2F00-1EA (CIC) H

1072-1EA (CIC) H

Supervisor: BROCHANEWICZ, MARCIN

Client: LANDREASE, RENT

0/0 GUSHMAN & WAREFIELD

44 WALL ST.

New York, NY

Job Address: 44 WALL ST.

Basement

Scope of Work:

Remove of 200 SF of

TRANSPORTER:

IESI of NY CORPORATION

tel (718) 522-2263

PERMIT: NJ-462

AIR MONITOR:

CTSI

622 GEORGES RD. STE 301

N. BRUNSWICK, NJ

tel (732) 729-1800

fx (732) 729-1803

VAT

10/01/01 - MONDAY

NAME	# SS	# LICENCES	IN	AVT	IN	AVT	SIGNATURE
PROCHNIEWICZ MARCIN	PII	85100	700	1100	1130	330	[Signature]
STEPNIEWICZ PAWEŁ		77462	700	1100	1130	330	[Signature]
BALAZY TADEUSZ		78728	700	1100	1130	330	[Signature]
STANISZEWSKI WALDEMAR		85441	700	1100	1130	330	[Signature]
GRABOWSKI STANISŁAW		81701	700	1100	1130	330	[Signature]

7:00

7:30

8:30

9:00

11:00

11:30

12:30

1:30

2:30

3:15

3:30

7:00 DEGMORS CREW ARRIVED TO JOB SITE.

NATURE

WORKERS UNLOAD ALL OUR EQUIPMENT AND
TAKE THIS TO BASMENT

7:30 HANDLERS START BUILD DECONTAMINATION ENCLOSURE
UNIT, CONNECT WATER AND ELECTRICAL POWER

8:30 CREW STILL BUILD DECONTAMINATION UNIT AND
SEAL UP ~~EVERY~~ WITH PLAY WOOD ALL EXITS

9:00 DECONTAMINATION ENCLOSURE UNIT IS DONE. WORKERS
START PUT CRITICAL BARRIERS FOR LAMPS, WENTS
AND DOORS

11:00 PREPARATION CRITICAL BARRIERS IS DONE
CREW TAKE LUNCH

11:30 LUNCH TIME IS OVER. WORKERS START VAT REMOVAL

12:30 CREW CONTINUATION VAT REMOVAL

1:30 VAT REMOVAL IS DONE. WORKERS START
CLEAN UP, DOUBLEBAG AND BAGOUT

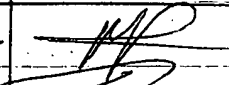
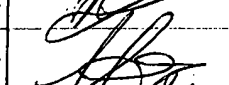
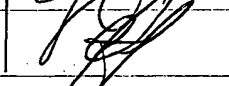
2:30 CLEAN UP AND BAGOUT IS FINISH. WORKERS
PUT CAPSULATION ON THE FLOOR

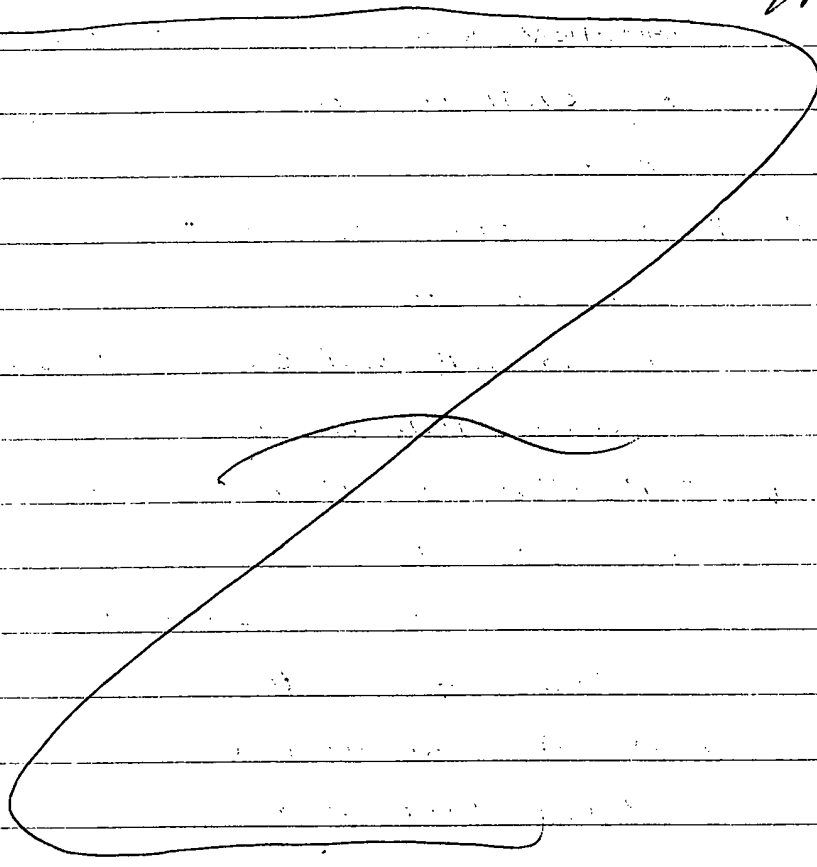
3:15 WORK AREA IS READY FOR FINAL AIR MONITORING
TEST. PEOPLE TAKE SHOWER AND GO OUTSIDE

3:30 JOB IS TOTAL DONE. CREW LEAVE JOB SITE

UAT

10/02/01 - TUESDAY

NAME	# SS	# LICENCE	IN	OUT	IN	OUT	SIGNATURE		
PROCHNIEWICZ MARCIN	PII	85100	9 ⁰⁰	01 ⁰⁰				9:00	1
STEPNIEWICZ PAWEŁ		77462	9 ⁰⁰	01 ⁰⁰				11:00	CR
BALAZY TADEUSZ		78728	9 ⁰⁰	01 ⁰⁰					S
STANISZEWSKI WALDEMAR		85441	9 ⁰⁰	01 ⁰⁰					D
GRABOWSKI STANISŁAW		81701	9 ⁰⁰	01 ⁰⁰				12:00	B



9:00 DEGMORS CREW ARRIVED TO JOB SITE
 AIR MONITORING CLEARANCE IS PASSED. WORKERS
 START BRAKEDOWN
 11:00 CREW STILL BRAKEDOWN. DAMAGE DECONTAMINATION
 SYSTEM, NEGATIVE AIR PRESSURE MACHINE,
 DISCONNECT WATER, MAKE DOUBLE BAG
 12:00 BRAKEDOWN IS FINISH. PEOPLE START LOAD
 DEGMORS EQUIPMENT ON THE TRUCK
 12:30 WORKERS CLEAN UP WORK AREA
 1:00 JOB IS FINISH CREW LEAVE JOB SITE

4. WORKERS' DOCUMENTATION

FROM : Teresa & Andrew

PHONE NO. : 718+456 5389

Aug. 13 2001 01:45PM PB

(212) 965-1730

MASON TENDERS TRAINING FUND
75 Varick Street, Suite 501
New York, NY 10013-1917

MEDICAL EXAMINATION FOR RESPIRATORY PROTECTION

APPLICANT'S NAME: PROCHNOW, M. MARCIN
HOME ADDRESS: 69-20 COOPER AV
GLENDALF NY 11385
TELEPHONE NO.: PII
DATE OF BIRTH: PII
SOCIAL SECURITY: PII

BASED UPON THE MEDICAL WHICH INCLUDES:

1. PULMONARY FUNCTION TESTS (SPIROMETRY) OF FORCED VITAL CAPACITY (FVC), FORCED VITAL CAPACITY (FVC), FORCED EXPIRATORY VOLUME AT ONE SECOND (FEV1) AND INTERPRETATION.
2. A CHEST ROENTGENOGRAM, TWO (2) VIEW AND RADIOLOGICAL SERVICES BY A BOARDER.
3. MEDICAL HISTORY
4. A PHYSICAL EXAMINATION DIRECTED TO THE PULMONARY AND GASTROINTESTINAL SYSTEMS INCLUDING BUT NOT LIMITED TO HEIGHT, WEIGHT, BLOOD PRESSURE, PULSE AND RESPIRATION.

IT IS MY OPINION THAT THE ABOVE NAMED PATIENT IS ☒ OR IS NOT ☐ PHYSICALLY QUALIFIED TO WEAR A RESPIRATOR IN THE PERFORMANCE OF HIS/HER JOB:

HT. 73" WT. 195/12 B.P. 110/70 P. 72 R. 13

DISPOSITION: QUALIFIED ☒ QUALIFIED WITH REFERRAL ☐ UNQUALIFIED ☐

SPIROMETER: none CHEST X-RAY: none

COMMENTS: _____

L. SISON M.D.
LIC. # 194670-1

NAME OF PHYSICIAN

SIGNATURE OF PHYSICIAN

L. SISON M.D.
LIC. # 194670-1
STATE LICENSE NUMBER

DATE OF EXAMINATION

86 Nassau Ave. Brooklyn, N.Y. 11222

ADDRESS OF PHYSICIAN

(718) 383-4600
TELEPHONE NUMBER

CITY OF
NEW YORK



ASBESTOS CERTIFICATE

PII

EXP. DATE: XXXXXXXXXX

MUST BE CARRIED ON ASBESTOS PROJECTS

PII

PII

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
ASBESTOS LICENSING

FROM : Teresa & Andrew

PHONE NO. : 718+456 5389

Aug. 13 2001 01:45PM P9

ANDO INTERNATIONAL INC.

861 Manhattan Ave., Suite 14, Brooklyn, NY 11222

Tel. (718) 349-6212

QUALITATIVE RESPIRATOR FIT TEST

This Respirator Fit Test is valid for the period of 12 (twelve) months from the date of test

Name: MARCIN PROCHNIEC Date of birth: 01/02/55
Address: PII SSN: PII
Telephone: PII

Test Provider: **ANDO INTERNATIONAL INC.**
Address: 861 Manhattan Ave., Brooklyn, NY 11222
Telephone: (718) 349-6212
Fax: (718) 349-3238

Test Agent: X
1. Irritant Smoke
2. Odorous Vapor
3. Taste Test

RESPIRATORS TESTED - SUCCESSFUL TEST

(Half Face Mask only)

BRAND NAME: (1) Wilson (2) — SIZE: (1) C (2) —

TEST DATE: 02/03/01

Name of person performing respirator fit test: MARIAN CONTARE

Fit test number: 2562

Signature: [Signature]

If found return to:

New York City Dept. of
Environmental Protection
Asbestos Control Program
59-17 Junction Blvd. 8th
Floor Corona, NY 11368

This certificate must be
shown to a Department
representative upon
request. Report Loss
immediately. Renew
license 60 days prior to
expiration date.

Tampering and or
alteration of this
certificate is a CRIMINAL
offense.

PII

PII



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
G - SUPERVISOR (01/03)

PII

RICHARD CUCOLO, Director - For the Commissioner of Labor

DN5H-442 (01/91)

THIS PERMIT 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. You MUST have THIS PERMIT with you on
the job.

THIS PERMIT may be revoked if you fail to follow
established asbestos safety and health practices.

THIS PERMIT may be revoked if it is loaned,
abandoned or allowed to pass from the personal
control of the owner.

THIS PERMIT is invalid if it is altered, defaced,
mutilated, or tampered with in any manner.
Any person performing the duties of an asbestos
worker or supervisor after this permit has expired
shall be subject to the penalty provisions of
N.J.S.A. 34:5A-32 et seq., as shall his employer.
For information, corrections, or changes, direct all
inquiries to the following:

State of New Jersey
Dept. of Community Affairs
Division of Codes & Standards
Asbestos Contractor/
Worker Program
P.O. Box 818
Trenton, NJ 08625-0818
(609) 633-3760



J. K...
COMMISSIONER

PII



THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MIELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

Bureau of
Air, Noise, & Hazardous
Materials

718)

APPLICATION FOR ASBESTOS INVESTIGATOR
AND RESTRICTED ASBESTOS INVESTIGATOR CERTIFICATION

APPENDIX A

MEDICAL EXAMINATION FOR ASBESTOS INVESTIGATORS

APPLICANT NAME: _____
HOME ADDRESS: _____
CITY, STATE, & ZIP: _____
TELEPHONE NUMBER: _____
DATE OF BIRTH: _____
SOCIAL SECURITY NO: _____

PII

APPLICANT'S SIGNATURE

X. T. Belong

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.

HEIGHT: _____

PII

TOBACCO: _____

YES

SEIZURES/EPILEPSY: _____

NO

ACROPHOBIA: _____

NO

X-RAY CHEST: _____

NORMAL

PFT: _____

NORMAL

MARK I. KAMINSKI M.D.

PRINT NAME OF PHYSICIAN

SIGNATURE OF PHYSICIAN

N.Y. STATE LIC. NO: 212208

STATE LICENSE NUMBER

DATE OF EXAMINATION

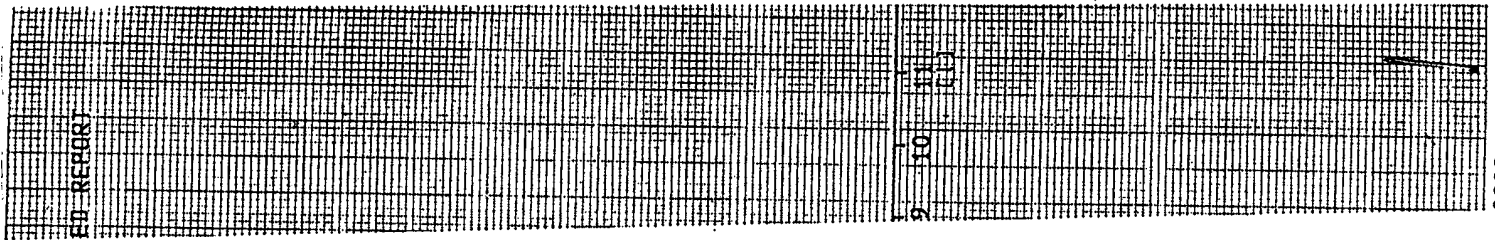
MARK I. KAMINSKI, M.D.

INTERNAL MEDICINE

127 BEDFORD AVE., BROOKLYN, NY 11211

TEL (718) 302-5352 FAX (718) 302-5830

TELEPHONE NUMBER



ANDO INTERNATIONAL INC.

861 Manhattan Ave., Suite 14, Brooklyn, NY 11222

Tel. (718) 349-6212

QUALITATIVE RESPIRATOR FIT TEST

This Respirator Fit Test is valid for the period of 12 (twelve) months from the date of test

Name: **PII** Date of birth: **PII**
 Address: **PII** SSN: **PII**
 Telephone: **PII**

Test Provider: ANDO INTERNATIONAL INC.
 Address: 861 Manhattan Ave., Brooklyn, NY 11222
 Telephone: (718) 349-6212
 Fax: (718) 349-3238

Test Agent:
 1. Irritant Smoke ☒
 2. Odorous Vapor ☐
 3. Taste Test ☐

RESPIRATORS TESTED - SUCCESSFUL TEST

(Half Face Mask only)

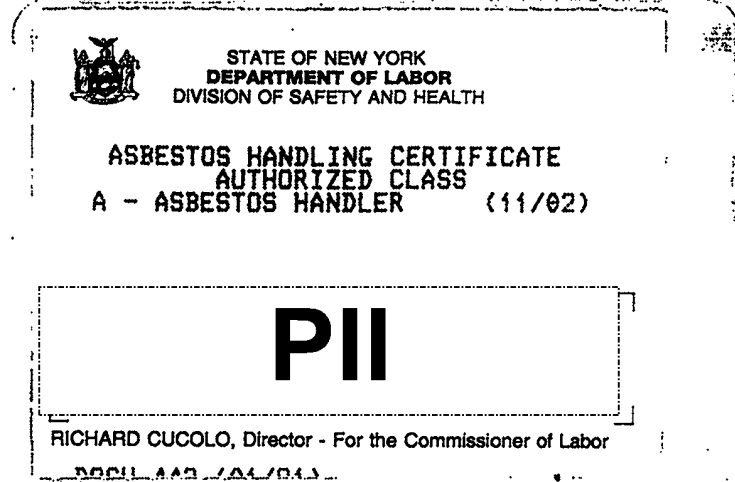
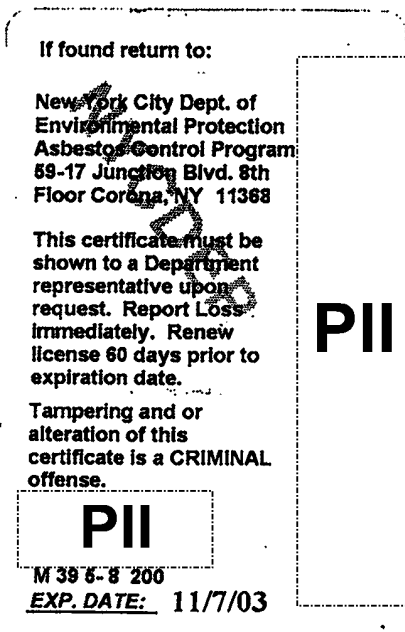
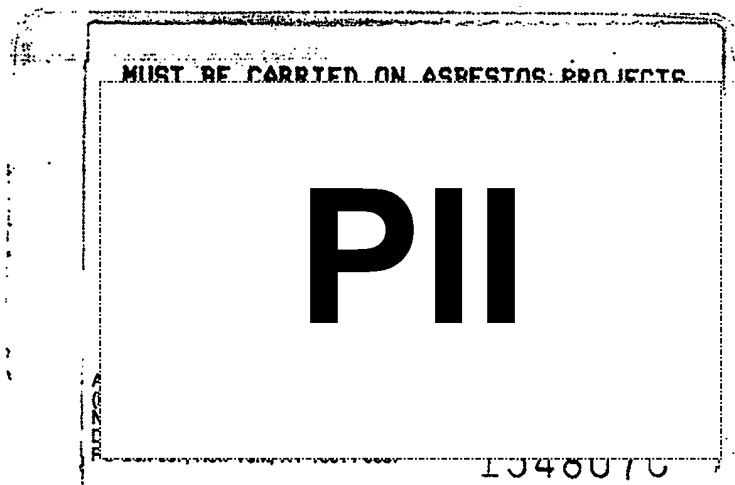
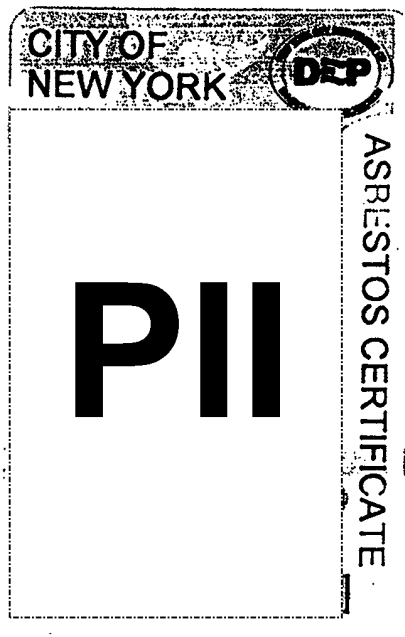
BRAND NAME: (1) Noordh (2) — SIZE: (1) M (2) —

TEST DATE: 09/15/01

Name of person performing respirator fit test: MARIAN GONTARZ

Fit test number: 091501-01

Signature: [Handwritten Signature]





CITY OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL REMEDIATION AND ENFORCEMENT
ASBESTOS CONTROL PROGRAM - TRAINING AND CERTIFICATION UNIT
59-17 JUNCTION BOULEVARD, 5TH FLOOR, CORONA, NEW YORK 11368

APPLICATION FOR ASBESTOS INVESTIGATOR
AND RESTRICTED ASBESTOS INVESTIGATOR CERTIFICATION

APPENDIX A

MEDICAL EXAMINATION FOR ASBESTOS INVESTIGATORS

APPLICANT NAME: _____

HOME ADDRESS: _____

CITY, STATE, & ZIP: _____

TELEPHONE NUMBER: _____

DATE OF BIRTH: _____

SOCIAL SECURITY NUMBER: _____

PII

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 (X) APPROPRIATE BOX)



IS



IS NOT

PHYSICALLY QUALIFIED TO WEAR A RESPIRATOR IN THE
PERFORMANCE OF HIS/HER JOB.

PRINT NAME OF PHYSICIAN

SIGNATURE OF PHYSICIAN

STATE LICENSE NUMBER

DATE OF EXAMINATION

66 Nassau Ave. Brooklyn, N.Y. 11222

ADDRESS

(718) 383-4600

TELEPHONE NUMBER

WALDEMAR

PII

Instructor

PII

Instructor

P II			
DOSH - License and Certificate Unit P.O. Box 887, Albany, NY 12244-0887			
1833190			

ASBESTOS CERTIFICATE



CITY OF
NEW YORK

ASBESTOS HANDLING CERTIFICATE
 AUTHORIZED CLASS
 A - ASBESTOS HANDLER (07/02)

STATE OF NEW YORK
 DEPARTMENT OF LABOR
 DIVISION OF SAFETY AND HEALTH

P II

RICHARD CUCCOLO, Director - For the Commissioner of Labor

If found return to:

New York City Dept. of
 Environmental Protection
 Asbestos Control Program
 59-17 Junction Blvd 8th
 Floor Corona, NY 11368

This certificate must be
 shown to a Department
 representative upon
 request. Report Loss
 immediately. Renew
 license 60 days prior to
 expiration date.

Tampering and or
 alteration of this
 certificate is a CRIMINAL
 offense.

P II

EXP. DATE: 7/21/03

P II

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
ASBESTOS LICENSING

PII



NE (718)
(718)

THE CITY OF NEW YORK DEPARTMENT OF ENVIRONMENTAL PROTECTION
JOEL A. MUELE, SR., P.E. Commissioner

ROBERT C. AVALTRONI
Deputy Commissioner

Bureau of
Air, Noise, & Hazardous
Materials

APPLICATION FOR ASBESTOS INVESTIGATOR
AND RESTRICTED ASBESTOS INVESTIGATOR CERTIFICATION

APPENDIX A.

MEDICAL EXAMINATION FOR ASBESTOS INVESTIGATORS

APPLICANT NAME: _____
HOME ADDRESS: _____
CITY, STATE, & ZIP: _____
TELEPHONE NUMBER: _____
DATE OF BIRTH: _____
SOCIAL SECURITY NO _____

PII

APPLICANT'S SIGNATURE

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.

HEIGHT: _____

PII

TOBACCO: NO

SEIZURES/EPILEPSY: NO

ACROPHOBIA: NO

X-RAY CHEST: NORMAL

PFT: NORMAL

MARK I. KAMINSKI M.D.
PRINT NAME OF PHYSICIAN

01/25/01

DATE OF EXAMINATION

SIGNATURE OF PHYSICIAN

N.Y. STATE LIC.NO: 212208

STATE LICENSE NUMBER

MEDICAL ADDRESS OFFICES
194 NASSAU AVE. BROOKLYN, N.Y. 11222
TEL (718) 389-5775 FAX (718) 383-7454
TELEPHONE NUMBER

DOSH-442 (01/91)



STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
A - ASBESTOS HANDLER (11/01)

PII

RICHARD CUCOLO, Director - For the Commissioner of Labor

PII

AL
(in
NY
DOSH License and Certificate Unit
PO Box 687, New York, NY 10014-0687

1907273

PII

If found return to:

New York City Dept. of
Environmental Protection
Asbestos Control Program
59-17 Junction Blvd. 8th
Floor Corona, NY 11368

This certificate must be
shown to a Department
representative upon
request. Report Loss
Immediately. Renew
license 60 days prior to
expiration date.

Tampering and or
alteration of this
certificate is a CRIMINAL
offense.

PII

EXP. DATE: 11/29/01

PII

PII



MASON TENDERS TRAINING FUND
75 VARICK STREET STE 501
NEW YORK NY 10013
QUALITATIVE FIT TEST RECORD



This is to certify that

PII

- ☒ Has been trained in the use, limitations and maintenance of (see below)
- ☒ Has passed a Qualitative Fit Test with the following Respirator.

BRAND/MODEL: North 7700 - Sm Med Lg

Expiration Date 09-09-06

Test Date

Instructor

09 09 01



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: _____

HOME ADDRESS: _____

TELEPHONE NUMBER: _____

DATE OF BIRTH: _____

SOCIAL SECURITY NUMBER: _____

PII

APPLICANT SIGNATURE: _____

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:

ASBESTOS HANDLER

WEIGHT: 152 HEIGHT: 5'7" BP: 120/70 PULSE: 68/m RESP: 12/m

CIGARETTES: Neg SEIZURES/EPI: Neg CLAUSTRO/ACROPHOBIA: Neg

ALLERGIES: Not Known MEDICATION: None

Chest X Ray #6161

ANDREW A. KAMINSKI, M.D.

NAME OF PHYSICIAN

[Signature]
SIGNATURE OF PHYSICIAN

N.Y. STATE LIC. NO: 155454

N.J. STATE LIC. NO: MA42123

08/8/00

ANDREW A. KAMINSKI, M.D.
MEDICAL - SURGICAL OFFICES
194 NASSAU AVENUE
BROOKLYN, NEW YORK 11222
(718) 389-5775

THIS PERMIT 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. You MUST have THIS PERMIT with you on the job.

THIS PERMIT may be revoked if you fail to follow established asbestos safety and health practices. THIS PERMIT may be revoked if it is loaned, abandoned or allowed to pass from the personal control of the owner.

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Any person performing the duties of an asbestos worker or supervisor after this permit has expired shall be subject to the penalty provisions of N.J.S.A. 34:5A-32 et seq., as shall his employer.

For information, corrections, or changes, direct all inquiries to the following:

State of New Jersey
Dept. of Community Affairs
Division of Codes & Standards
Asbestos Contractor/
Worker Program
P.O. Box 816
Trenton, NJ 08625-0816
(609) 933-3760



[Signature]
COMMISSIONER

If found return to:

New York City Dept. of
Environmental Protection
Asbestos Control Program
59-17 Junction Blvd. 8th
Floor Corona, NY 11368

This certificate must be shown to a Department representative upon request. Report Loss immediately. Renew license 60 days prior to expiration date.

Tampering and or alteration of this certificate is a CRIMINAL offense.

PII

PII

REWARD CUCULLO, Director - For the Commissioner of Labor

PII

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
A - ASBESTOS HANDLER
(09/01)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH



DOB 442 (01/71)

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
ASBESTOS LICENSING

PII



ASBESTOS CERTIFICATE

CITY OF
NEW YORK

PII

MUST BE CARRIED ON ASBESTOS PROJECTS

PII

PII

ANDO INTERNATIONAL INC.

861 Manhattan Ave., Suite 14, Brooklyn, NY 11222

Tel. (718) 349-6212

QUALITATIVE RESPIRATOR FIT TEST

This Respirator Fit Test is valid for the period of 12 (twelve) months from the date of test

Name:
Address:

PII

Test Provider: ANDO INTERNATIONAL INC.
Address: 861 Manhattan Ave., Brooklyn, NY 11222
Telephone: (718) 349-6212
Fax: (718) 349-3238

Test Agent:

1. Irritant Smoke ☒
2. Odorous Vapor ☐
3. Taste Test ☐

RESPIRATORS TESTED - SUCCESSFUL TEST

(Half Face Mask only)

BRAND NAME: (1) North (2) — SIZE: (1) M (2) —

TEST DATE: 8/13/00

Name of person performing respirator fit test: MARIAN GONZALEZ

Fit test number: 2488

Signature: [Signature]

5. OSHA REPORTS

DEGMORASBESTOS & LEAD ABATEMENT,
DUCT CLEANING & DEMOLITION

DEGMOR, INC.

511 CANAL STREET

3-4 FLOOR

NEW YORK, NY 10013

TEL 212-606-5100 • (516) 393-1822

FAX (212) 606-5100

LANDLEASE REAL ESTATE

44 WALL STREET

NEW YORK, NY

Project Name

AIR MONITORING LOG SHEET

01-8464

Project Name

Job Number: 01A-248

Project Location:

Date: 10/01/01

Work Area Location: BASHENT B

Technician: PROCHNIEWICZ MARCIN

SAMPLE NUMBER	PERSON SAMPLED	SS#	SAMPLE TYPE	PUMP NUMBER	FLOW RATE (lpm) START STOP	TIME ON TIME OFF	TOTAL TIME (Min.)	STANDARD (l/cc)
1	BALAZS TADDEVUSZ	PII	TWA	1	2.5 2.5	19:30 23:00	210	525 BDL (4)
2	STERNBERG PAWEŁ		TWA	2	2.5 2.5	19:32 23:02	210	525 BDL (3)
3	GABORSKI STANISŁAW		STEL	3	2.5 2.5	20:29 22:59	30	45 BDL (1)
4	BALAZS TADDEVUSZ		TWA	1	2.5 2.5	23:31 21:21	230	575 BDL (4)
5	STERNBERG PAWEŁ		TWA	2	2.5 2.5	23:35 3:25	230	575 AQL (5)
6	BLANK	BLANK						NDLO
7	BLANK							NDLO
130444								
130445								
130446								
130447								
130448								
130449								
130450								

Rotometer #

Type of respiratory collection in use

Rotometer Calibration Date:

10/16/01 9:30 am Lab.

Where Laboratory

Lab No

Lab Date

PERSONAL/OSHA ASBESTOS AIR SAMPLING & ANALYSIS REPORT

CLIENT NAME:

DEGMOR, INC

511 CANAL STREET

3RD FLOOR

NEW YORK, NY 10013

PROJECT: LANDLEASE REAL ESTATE

44 WALL ST.

BSMTI-B

JOB # 01A-248

PROJECT # 01-8464

CLIENT ACCOUNT:

10/1/2001

10/15/2001

10/16/2001

1002408301
1002408301

TEST REQUESTED: FIBER COUNT
MKTG. NO.: NC058 7460

ANALYST: A.F.

[illegible]

பிரதமர் மருத்துவம்

— 258 —

...interference from the ...

(L.T.O. 4) - less than 0.01 chloride flow than 0.0005 (lb-cu/acc)

unavailable studies = 971 studies (17,007 observations in NY3)

MD = non detected

REPLACEMENT COST PROVIDED

24-5426-104-10



CONSULTING & TESTING SERVICES, INC.

ASBESTOS PROJECT MONITORING

AT

**44 WALL STREET
BASEMENT 'B' LEVEL
New York, NY**

October 2001
CTSI Project # NY-421-01

Prepared for:

CUSHMAN & WAKEFIELD, INC.
44 Wall Street
New York, NY 10005
Attn.: Mr. Ronald Fortuna



November 5, 2001

Mr. Ronald Fortuna
Building Manager
CUSHMAN & WAKEFIELD, INC.
44 Wall Street
New York, NY 10005

RE: ASBESOT PROJECT MONITORING SERVICES PERFORMED AT 44 WALL STREET, BASEMENT 'B' LEVEL, NEW YORK, NEW YORK

Dear Mr. Fortuna:

On October 1st and 2nd, 2001, Consulting & Testing Services, Inc. performed project monitoring for the above referenced location. Degmor, asbestos contractor, removed approximately 600 SF of VAT (vinyl asbestos tile).

Air monitoring was conducted by CTSI. Air samples were collected during all phases of the project and analyzed using Phase Contrast Microscopy (PCM) method. Clearance air samples taken passed clearance criteria per applicable regulations (<0.01 f/cc).

The project was completed successfully. All applicable Federal, State and Local Rules and Regulations were strictly enforced during removal.

Enclosed please find CTSI's daily log forms and PCM certificate of analysis.

If you have any questions or need further clarification, please do not hesitate to contact our office.

Sincerely,

CONSULTING & TESTING SERVICES, INC.

Farhood Salami
Project Executive

Encl.

01\report\asbestos\air\misc\cushman.44wallst-bsmt-ny421-01

CTSI DAILY LOG FORM/INSPECTION

Date: 10.01.01 Start Time: 17:30 Finish Time: ~~18:30~~ 07:30Technician (s) Name: Franz Technician's License Number: A21202 96-19514

Project #:

Project Client/Address: 44 Wall StreetProject Location/Area: Basement "B"

Client Rep. (Signature):

Client Project Manager: —Asbestos Contractor: DEGMORSupervisor: PROCHNIEWICZ MARCINProject Scope of Work (i.e. Air Monitoring, Lead Sampling, Survey, IAQ, etc.): Air monitoring

Work Area Size:

ACM Quantity Removed (specify LF or SF): 600 SF

Was the work area inspected by a regulatory agency/inspector (DOL, DEP, OSHA, DOH, EPA, etc.):

Yes or No

If yes, state the name, badge #, type of inspection & conversation.



CTSI DAILY LOG FORM/INSPECTION

Date: <u>10.02.01</u>	Start Time: <u>2:00</u>	Finish Time: <u>2:41.20</u>
Technician (s) Name: <u>Yury Abramov</u>		Technician's License Number: <u>AD93-03781</u>
Project #: _____		
Project Client/Address: <u>44 Wall St.</u>		
Project Location/Area: <u>Basement "B" level</u>		
Client Rep. (Signature): _____ Client Project Manager: _____		
Asbestos Contractor: <u>Dezma</u> Supervisor: <u>Prochaviez Marina</u>		
Project Scope of Work (i.e. Air Monitoring, Lead Sampling, Survey, IAQ, etc.): _____		
Work Area Size: _____ ACM Quantity Removed (specify LF or SF): <u>620 SF</u>		
Was the work area inspected by a regulatory agency/inspector (DOL, DEP, OSHA, DOH, EPA, etc.): _____ Yes or No		
If yes, state the name, badge #, type of inspection & conversation.		

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 212-290-0058 Email:

EMSL

Attn: Frank A.
 CTSI-Consulting & Testing Services, Inc.
 622 Georges Rd.
 North Brunswick, NJ 08902
 Fax: (732) 729-1803 Phone: 732-729-1800
 Project: 44 WALL STREET / BASEMENT "B"

Customer ID: CTS150
 Customer PO:
 Received: 10/02/01 8:15 AM
 EMSL Order: 030105248
 EMSL Project ID:
 Analysis Date: 10/2/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ³	Fibers/ cc	Notes
01 030105248-0001	IWA / BY STORAGE ROOM	10/1/2001	1350.00	<5.5	100	0.002	<7.0	<0.002	
02 030105248-0002	OWA / BY FREIGHT ELEVATOR	10/1/2001	1350.00	<5.5	100	0.002	<7.0	<0.002	
03 030105248-0003	IWA / BY STAIRS "D"	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
04 030105248-0004	IWA / BY STORAGE ROOM	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
05 030105248-0005	IWA / MIDDLE CORRIDOR	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
06 030105248-0006	IWA / BY STAIRS "E"	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
07 030105248-0007	IWA / NORTH SIDE	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
08 030105248-0008	OWA / BY STAIRS "C"	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
09 030105248-0009	OWA / BY FREIGHT ELEVATOR	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
10 030105248-0010	OWA / BY STORAGE ROOM	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
11 030105248-0011	OWA / SOUTH SIDE	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
12 030105248-0012	OWA / BY RECTIFIER ROOM	10/1/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	

Rey Cross

Analyst

Emil B. Bilib
 Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm³. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
 Analysis performed by EMSL Manhattan (NY State ELAP #1150s)

PCN-1

1

New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-280-0061 Fax: 212-290-0058 Email:

EMSL

Attn: Frank A.
 CTSI-Consulting & Testing Services, Inc.
 622 Georges Rd.
 North Brunswick, NJ 08902
 Fax: (732) 729-1803 Phone: 732-729-1800
 Project: 44 WALL STREET / BASEMENT "B"

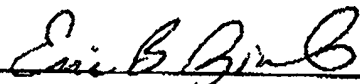
Customer ID: CTS150
 Customer PO:
 Received: 10/02/01 8:15 AM
 EMSL Order: 030105248
 EMSL Project ID:
 Analysis Date: 10/2/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ³	Fibers/ cc	Notes
13 030105248-0013	BY PERSONAL DECON	10/1/2001	1260.00	<5.5	100	0.002	<7.0	<0.002	
14 030105248-0014	BY STAIRS "C"	10/1/2001	1260.00	<5.5	100	0.002	<7.0	<0.002	
15 030105248-0015	BY MENS ROOM	10/1/2001	1260.00	<5.5	100	0.002	<7.0	<0.002	
16 030105248-0016	BY FREIGHT ELEVATOR	10/1/2001	1260.00	<5.5	100	0.002	<7.0	<0.002	
17 030105248-0017	10' OF PERSONAL DECON	10/1/2001	1260.00	<5.5	100	0.002	<7.0	<0.002	
18 030105248-0018	BLANK	10/1/2001	0.00	<5.5	100		<7.0		Field Blank
19 030105248-0019	BLANK	10/1/2001	0.00	<5.5	100		<7.0		Field Blank

Rey Cross

Analyst



 Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/cm³. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL.
 Analysis performed by EMSL Manhattan (NY State ELAP #11506)

PCM-1

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New York Lab

307 West 38th Street, New York, NY 10018

Phone: 212-290-0051 Fax: 212-290-0058 Email:

EMSL

Attn: Frank A.
CTSI-Consulting & Testing Services, Inc.
622 Georges Rd.
North Brunswick, NJ 08902
Fax: (732) 729-1803 Phone: 732-729-1800
Project: 44 WALL STREET / BASEMENT "B"

Customer ID: CTSI50
Customer PO:
Received: 10/02/01 8:15 AM
EMSL Order: 030105247
EMSL Project ID:
Analysis Date: 10/1/2001

Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ³	Fibers/ cc	Notes
20 030105247-0001	IWA / MIDDLE CORRIDOR	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
21 030105247-0002	IWA / BY STAIRS "D"	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
22 030105247-0003	IWA / SOUTH SIDE	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
23 030105247-0004	IWA / NORTH SIDE	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
24 030105247-0005	IWA / EAST SIDE	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
25 030105247-0006	OWA / BY STAIRS "C"	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
26 030105247-0007	OWA / BY FREIGHT ELEVATOR	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
27 030105247-0008	OWA / BY MENS ROOM	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
28 030105247-0009	OWA / SOUTH SIDE	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	
29 030105247-0010	OWA / NORTH SIDE	10/2/2001	1800.00	<5.5	100	0.001	<7.0	<0.001	

INSUFFICIENT BLANKS SUBMITTED WITH SET.

Rey Cross

Analyst

Chris B. [Signature]
Laboratory Manager
or other approved signatory

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