NYC 9/11 Public Portal Document

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor . New York, NY 10010 . Phone (212) 353 - 8080, FAX (212) 353 - 3599 or 8306

NVLAP 101187
ELAP 10870
Microscope OLYF BH-2

Client / Project NYC - BOE / PS 234M, 292 GREENWICH ST. NY, NY 10007 Project No. 14584-08'23

Analysis Date 01/29/02 Analyst E. A. CUARTERO I Batch No. 19663

1 Field No. 05	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F	Morphology ____ Extinction ____	____ Chrysotile	30 Cellulose	40 Mineral Filler	____ Organic
	Homogenity N	RI ____ RI ____	____ Amosite	____ Fiberglass	____ Organic Binders	____ Residue
	# of Layers ____ Asbestos ☐ ☒	DS Color ____ Color,Pleo ____	____ Other	30 Other Synthetic	____ Vermiculite	____ Carbonate
	Color of Layer ____ Detected Yes No	Biref ____ Sign ____			____ Other	____ Other
POINT COUNT RESULTS ON THE BACK	Comments:			O.C. ☐		____ Asbestos
	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

2 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ Texture ____	Morphology ____ Extinction ____	____ Chrysotile	____ Cellulose	____ Mineral Filler	____ Organic
	Homogenity ____	RI ____ RI ____	____ Amosite	____ Fiberglass	____ Organic Binders	____ Residue
	# of Layers ____ Asbestos ☐ ☐	DS Color ____ Color,Pleo ____	____ Other	____ Other	____ Vermiculite	____ Carbonate
	Color of Layer ____ Detected Yes No	Biref ____ Sign ____			____ Other	____ Other
POINT COUNT RESULTS ON THE BACK	Comments:			O.C. ☐		____ Asbestos
	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps Asbestos = 0					

3 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ Texture ____	Morphology ____ Extinction ____	____ Chrysotile	____ Cellulose	____ Mineral Filler	____ Organic
	Homogenity ____	RI ____ RI ____	____ Amosite	____ Fiberglass	____ Organic Binders	____ Residue
	# of Layers ____ Asbestos ☐ ☐	DS Color ____ Color,Pleo ____	____ Other	____ Other	____ Vermiculite	____ Carbonate
	Color of Layer ____ Detected Yes No	Biref ____ Sign ____			____ Other	____ Other
POINT COUNT RESULTS ON THE BACK	Comments:			O.C. ☐		____ Asbestos
	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps Asbestos = 0					

4 Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color ____ Texture ____	Morphology ____ Extinction ____	____ Chrysotile	____ Cellulose	____ Mineral Filler	____ Organic
	Homogenity ____	RI ____ RI ____	____ Amosite	____ Fiberglass	____ Organic Binders	____ Residue
	# of Layers ____ Asbestos ☐ ☐	DS Color ____ Color,Pleo ____	____ Other	____ Other	____ Vermiculite	____ Carbonate
	Color of Layer ____ Detected Yes No	Biref ____ Sign ____			____ Other	____ Other
POINT COUNT RESULTS ON THE BACK	Comments:			O.C. ☐		____ Asbestos
	Method: ☐ ELAP + EPA¹ ☐ ELAP ☐ EPA¹ ☐ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA¹ First 4 preps. Asbestos = 0					

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL, CITY_21MC100_003388340

NYC-WTC_000410313

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NVLAP 101187
ELAP 10827
Microscope OLYMPUS BH-2

Client / Project NYC BOE / PS 234M, 292 GREENWICH ST. NY, NY 10007 Project No. 14534-0823

Analysis Date 01/29/02 Analyst ELENA A. CHARTEROS Batch No. 19663

1 Field No. 01	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F Homogenity N # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ∥ ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	30 Cellulose ____ Fiberglass 10 Other Synthetic & Hair	60 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		O.C. ☐			

2 Field No. 02	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F Homogenity Y # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ∥ ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	20 Cellulose ____ Fiberglass 10 Other Synthetic	70 Mineral Filler ____ Organic Binders ____ Vermiculite ____ Other	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		O.C. ☐			

3 Field No. 03	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F Homogenity Y # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ∥ ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	15 Cellulose ____ Fiberglass ____ Other	80 Mineral Filler ____ Organic Binders ____ Vermiculite 5 Other Paint	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		O.C. ☐			

4 Field No. 04	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
Gravimetric (NOB) Required ☐ Recommended ☐ Gravimetric PREP ☐ Gravimetric (NOB) PLM ☐ Gravimetric (NOB) TEM ☐	Color Brown Texture F Homogenity Y # of Layers ____ Asbestos ☐ ☒ Color of Layer ____ Detected Yes No Comments:	Morphology ____ Extinction ____ RI ∥ ____ RI ⊥ ____ DS Color ____ Color,Pleo ____ Biref ____ Sign ____	____ Chrysotile ____ Amosite ____ Other	15 Cellulose ____ Fiberglass 10 Other Synthetic	25 Mineral Filler ____ Organic Binders ____ Vermiculite Trace Other Paint	____ Organic ____ Residue ____ Carbonate ____ Other ____ Asbestos
POINT COUNT RESULTS ON THE BACK	Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0		O.C. ☐			

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL, CITY_21MC100_00338341

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