ENVIRO
SCIENCES
Enviroscience Pty Limited
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92 Young Street
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• Laboratories
• Environmental Planning
• Occupational Hygiene
• Waste Water Engineering
• NATA Registered Analytical and Quality Control Laboratory

DL/cw

27th March 1990

Australian Broadcasting Corporation,
221 Pacific Highway,
GORE HILL NSW 2065

ATTENTION MR. TOM BRASSIL

re: INSPECTION OF PIPEWORK AND ASSOCIATED RISERS - LOWER GROUND FLOOR, TV BUILDING CORRIDOR

Dear Sir,

An inspection of the above captioned areas was recently undertaken to ascertain the content and condition of asbestos insulation. The findings, in summary, concluded that there exists two (2) small diameter pipes with asbestos lagging running from the eastern riser along a corridor to the outside of the lower ground Plantroom. Total length of this pipework being approximately 160 metres. The associated riser cupboard was also inspected and noted to contain asbestos lagged pipework in poor condition.

In view of the above findings a number of options exist which, if implemented, could well address the situation either on a short term or longer term basis. These include:

1. Encapsulation of all pipework contained within the corridor and riser. This would require extensive asbestos "clean up" work in the riser cupboard and would provide short term relief to the asbestos problem. Any future maintenance work in these areas would infringe on the delicate issue of asbestos. This alternative would however be less costly than a full removal exercise.

2. Removal of all asbestos based materials from the pipework and riser cupboard. This option could be conducted at a cost of $25,000 as outlined in Complete Asbestos Elimination's quote of 14th March 1990 (attached). If this was pursued, a plumbing inspection could be made at an appropriate time to determine the current status of the pipework. Concern has been expressed that it could well be in poor condition and need replacing. If any remedial work needed to be carried out on sections or all of the pipework it could be done at this stage. Reinsulation which has not been included in Complete Asbestos Elimination's price would then follow.

I feel at this stage, given the condition of the asbestos, particularly the riser, and the delicacy of the asbestos situation at the ABC that option "2" would most benefit you. It at least offers longterm advantages, albeit at a cost.

Hope this information is of benefit and look forward to further discussions.

Yours faithfully,
ENVIROSCIENCES PTY. LIMITED

DAVID LANE
Operations Manager.

NATIONAL INSTITUTE OF OCCUPATIONAL HEALTH & SAFETY

GPO BOX 58, SYDNEY NSW 2001, **AUSTRALIA**
TELEPHONE (02) 265 7555 TELEX 177243
FAX (02) 265 1209 / 7331

Mr G. Georgeson
Occupational Health & Safety Manager
Australian Broadcasting Commission
GPO Box 9994
SYDNEY NSW 2001

CERTIFICATE OF ANALYSIS - BULK SAMPLES

Analysis Method: The materials were examined using polarised-microscopy with dispersion staining techniques (NIOHS/BA1).

Samples Taken by: As supplied

Results:

Lab. Number	Sample Identification/ Position	Analysis
2270/90	Latex room - Ground floor Studio Block - Sample fron latex oven door seal.	Amosite and Chrys asbestos detected
2271/90	Latex room - Ground floor Studio Block - Sample from oven side of door seal latex oven	Amosite and Chrys asbestos detected

Analysed by: E. Baker Evelyn M. Baker

Approved Signatory: E. Baker Evelyn M. Baker

6 August 1990

PICKFORD CONSULTING PTY LTD
A.C.N. 004 029 105
6 Cygnet Place,
ILLAWONG. 2234

Telephone:(02) 543 5754
Carphone: 018 260 341
Paging: (02) 214 8606
Fax: (02) 543 7732

6th January, 1992

Mr. T Brassil,
Property Department,
ABC TV Studios,
221 Pacific Highway,
GORE HILL. 2065

CERTIFICATE OF ANALYSIS

YOUR REFERENCE/JOB No.: Bullbrook Building
TYPE OF SAMPLE: Membrane filter - as received from T. Brassil
SITE LOCATION: Bullbrook Bldg, News Section, Centre Room,ABC TV Studios, Gore Hill
DATE SAMPLED: 28th December, 1991 **DATE RECEIVED:** 3rd January, 1992
OUR REFERENCE: 10249

TEST METHOD: Filter examined in accordance with the August 1988 National Occupational Health & Safety Commission "Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust", as per Laboratory Method MFM/1.

All sampling and site work have been undertaken by the client - the analytical procedures and results reported on this Certificate have been conducted by Pickford Consulting.

Using sample durations and flowrates supplied by the client, airborne dust concentration (fibres per millilitre of air) for the sample calculates as follows :

Sample No.	*Lab No.*	*Start Time (24 hr)*	*Duration (min)*	*Av Flowrate* (L/min)*	*Results (fibres/fields)*	*Concentration* (Fibres/mL)*
C 34	10249	1135	325	2.00	1/100	<0.01

* Volume measurement and Sampling not covered by Terms of Registration.

Analysed and reported by:

S. PARTRIDGE.
Approved Signatory and counter.

PICKFORD CONSULTING PTY LIMITED
A.C.N. 004 003 105

6 Cygnet Place, ILLAWONG, 2234, Australia

Telephone: (02) 543 5754 Fax: (02) 543 7732
Paging: (02) 214 8606 Carphone: 018 260 341

14th, March, 1992

Mr. Glenn Martin,
General Services Department,
A.B.C. Television,
221 Pacific Highway,
GORE HILL 2065

Our Reference: ABC-920214

Dear Glenn,

ASBESTOS INSULATED WIRES - CAMERA BOOM

At your request, I visited the ABC Gore Hill site today to inspect a motorised camera boom, to advise on the correct action necessary to take in relation to asbestos insulated wires.

The four insulated wires were connected to a terminal block under the main wheel drive motor, and ran approximately 1 m to connection points on the top of the motor.

Because of problems with the top anchor point of the motor, there was a need to make temporary repairs so that the boom could be operational next week. This would have required some interference with the asbestos insulated cables, which the maintenance personnel refused to do.

After discussions with yourself and Mr. Arthur Mazlin of Asterton Pty. Ltd. (a licensed asbestos removal operator with whom I have considerable confidence), it was observed that a permanent cure would require the removal of the entire drive motor and even the drive wheel assembly. This was not possible with the limited resources available during the weekend, and it was decided that the insulation would be thoroughly sprayed with PVA sealant, and then covered with shrink wrap plastic sleeving from the lower terminal block, up to approximately the top of the motor. Whilst a short length of asbestos insulation would still be present on the top of the motor, it would be completely inaccessible and out of sight. In my experience, it will be of no danger to the mechanics if they want to carry out the planned modifications to the motor support.

Whilst I understand that you were present during the sealing of the insulation, I inspected the wires after completion and found it to be most satisfactory. The required work can now proceed without problems.

Note that when it comes time to removing the motor in order to replace the top support of the motor, the four wires can simply be undone at the terminal blocks at each end, and then be placed into a plastic bag for disposal as asbestos waste. If this is done without cutting the asbestos insulation, then there is no chance that any asbestos fibres will be liberated such as to cause any risk to the health of the operators.

Yours faithfully,

G. C. PICKFORD.

GS/OHS 35

ABC TV GENERAL SERVICES DEPARTMENT
INTER OFFICE MEMORANDUM

To: Linda Boland
PSU Gore Hill

cc: Chris Farrell
Michelle Hamberger
Don Smith
George Brewer
John Presbury

Subject: ASBESTOS - NORTH WEST EXTENSION LOWER GROUND

The project to remove the fire doors from this area has been completed.

All went according to plan, with the area remaining sealed until notification of the air sampling results. Area reopened Wednesday 8 April 1992, around 1600 hours.

Analysis results < 0.02 fibres /mL

Tom Brassil
Head General Services
9 April, 1992

PICKFORD CONSULTING PTY LIMITED
A.C.N. 004 023 105

6 Cygnet Place, ILLAWONG, 2234, Australia

Telephone: (02) 543 5754 Fax: (02) 543 7732
Paging: (02) 214 8606 Carphone: 018 260 341

11th May, 1992

Mr. Tom Brassil,
Manager, General Services Department,
A.B.C. Television,
221 Pacific Highway,
GORE HILL 2065

Fax: (02) 950 3117

CERTIFICATE OF ANALYSIS

YOUR REFERENCE/JOB No.: -
TYPE OF SAMPLES: Bulk sample - as received from Mr. T. Brassil.
SITE LOCATION: Studio 22, ABC TV Studios, Gore Hill, Sydney.
SAMPLE POSITION Found on floor, believed to be from ceiling above lighting battens.
DATE SAMPLED: 11th May, 1992 **DATE RECEIVED:** 11th May, 1992
OUR REFERENCE: 10849

TEST METHOD: Bulk material examined by Polarized Light Microscopy (with Dispersion Staining) using internal Laboratory Method ID/1.

All sampling and site work have been undertaken by the client - the analytical procedures and results reported on this Certificate have been conducted by Pickford Consulting.

Sample No.	*Lab No.*	*Analysis*
"ceiling"	10849	no asbestos detected

Comments:-

The sample was pink and grey coloured fibrous material of approximate dimensions 7x30x50 mm, which consisted of man-made mineral fibres. No asbestos fibres were detected in the sample.

Analysed and reported by:

G. C. PICKFORD,
Approved Identifier and Signatory.

Gen file

A.B.C. INTER-OFFICE MEMORANDUM

From (Design): FED. FP & So (Dep't. State): HO Phone Ext'n: 272

Our Ref/File No: Your Ref/File No: Date: 5.12.85

To:

D. ENG. & P
D. HUM. R
C. PROP (CS)
C. R & S. R
C. R & S. TV

Subject:

ASBESTOS MANAGEMENT
Reference Memo. and attachments dated 21.11.85

Further to my memo of the above date, please find attached a priority listing of properties in NSW/ACT to be inspected/ surveyed for asbestos based products by NOH&SC.

As advised in my previous memo. information indicating the approximate age of each property has been passed on to NOH&SC for their advice as to appropriate priorities related to the potential of asbestos content in each property. However, due to the prolonged illness of one of their members and the associated dispersal of workloads their advice has not been forthcoming, hence the attached is submitted for your consideration and comment.

The criteria for the formulation of priorities have been:

(1) Potential of asbestos presence related to the age of the property and intelligence to date.

(2) Intensity of occupation.

(3) Locality.

The actual timetable for the inspections by NOH&SC has not/cannot be advised until they receive our priorities; therefore, I will advise them on the 13.12.85 of the attached priorities if no comment is received by that date from addressees.

On receipt of their timetable, I will advise Radio & TV Management to: A) Keep them informed B) Ensure that there are no adverse consequences related to the surveys. Should this sequence of events "not" fall into your line of though, please advise.

G. D. Georgeson

GRANT GEORGESON.

A 171 — 3/84.

PROPERTY	BUILT	PRIORITY	FREEHOLD OR LEASED	NO.OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP.	INSP. REQ.	COMMENT
Radio Studios 84 Upper Forbes Street, DARLINGHURST	1945	1	Freehold	10	5567	1 of 1	Studios Offices	1979 1980 1985	Yes	Level III sealed off due to Asbestos disturbance as a result of burst water pipe 1985. Several inspections identi- Asbestos in many locations. See att. register.
T.V. Studios, Pacific Highway, Gore Hill.						(8)				
Tower Block	1956	2	Freehold	10	2648	1 of 8	Offices	1979	Yes	Asbestos confirmed see register
Studio Block	1956	2	Freehold	4	7230	2 of 8	Studios & Stores	1979 Jul.84	Yes	See register
Fort Knox	?	2	Freehold	5	2100	3 of 8	Offices	Nil	Yes	Nil
Cottage	1956?	2	Freehold	Ground	906	4 of 8	Offices	Nil	Yes	Nil
T/Port Garage	1956?	2	Freehold	Ground	600	5 of 8	Vehicle Garage	Nil	Yes	Nil
ATN Building	1956	2	Freehold	1	310	6 of 8	W/Shop Office	Nil	Yes	Nil
Stores & W/Shops	1956	2	Freehold	Ground	2984	7 of 8	various	1979	Yes	Asbestos Plaster Board. See register
Various Stores	1956	2	Freehold	Ground	176	8 of 8	stores	1979	Yes	See register
					16954 M²					
Broadcast House, 145-153 Elizabeth St., SYDNEY, 2000	1963	3	Leased	16 incl. Basemt L.Grnd	New bl 4147 Old bl. 4108 T=8255	1 of 1	Offices	Nil	Yes	Suspect due to vintage
Mirvac Building, 185 Elizabeth Street, SYDNEY. 2000	1920	4	Leased	1 Level 7	462	1 of 1	Offices	Nil	Yes	Due to location to Broadcast House and alterations this priority has been allocated.

PROPERTY	BUILT	PRIOR-ITY	FREEHOLD OR LEASED	NO.OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP.	INSP.. REQ.	COMMENT
Bank of NSW-Westpac 134/138 William Street, SYDNEY. 2000	1972	5	Leased	4	3078	1 of 1	Offices Studios	?	Yes	Records show inspection but no date. A/C ducts but not vent. or exhaust systems.
Olivetti Building, 140 William Street, SYDNEY. 2000	1970	6	Leased	3 4.6.7	1628	1 of 1	Offices Booths	?	Yes	Records show inspection but no date. A/C ducts but not vent. or exhaust systems.
Westfield Towers	1975	-	Leased	3 2.3.5	3078	1 of 1	Offices Booths	See comments	No	Completely surveyed October 1985.Removal/ sealing in hand funded by building owner.
171 William Street, SYDNEY. 2000	1940	-	Freehold	6	1358	1 of 1	Studios Booths Offices	See comments	No	Building surveyed May 1985. Affected areas noted in register.
177 William Street, SYDNEY. 2000	1940	-	Leased	2 2.3	862	1 of 1	Studios Booths Offices	See comments	No	Vacating January 1986, inspection not require
Thurlstanes Building, cnr. Palmer & Stanley Streets, DARLINGHURST.	1930	-	Leased	3 1.2 Roof	2136	1 of 1	Various	14.5.79	No	Building surveyed - Asbestos free
Remington Building, 175 Liverpool St., SYDNEY. 2000	1975/78	7	Leased	6 22-26	3155	1 of 1	Offices Comput's	Nil	Yes	Received this priority due to location. Asbestos not likely due to vintage.
Council Building, 377 Sussex Street, SYDNEY. 2000	?	8	Leased	1 1 Office Level 7	13.5	1 of 1	Office	Nil	Yes	Nil

PROPERTY	BUILT	PRIORITY	FR'HLD OR LEASED	NO. OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP:	INSP. REQ.	COMMENT
ACTA House, 447 Kent Street, SYDNEY, 2000	1972	9	Leased	3 1-2-3	1677	1 of 1	Training	Nil	Yes	Priority due to vintage and location. Asbestos not likely.
Centrepoint, cnr. Market & Castlereagh Streets, SYDNEY, 2000	1980	10	Leased	1	94.4	1 of 1	Shop	Nil	Yes	Priority due to location and vintage. Asbestos not likely.
66-72 McLaughlin Ave, RUSHCUTTERS BAY.	1920	11	Leased	2 Gnd-1	1672.4	1 of 1	W'Shops Office	Nil	Yes	Workshops & Offices newly renovated.
Stock Exchange Bldg., cnr Bond & Pitt Sts., SYDNEY, 2000	1982	12	Leased	1 1 Office Basem't	10.75	1 of 1	Office	Nil	Yes	1 Small Office only not necessarily this priority.
Opera House, Benelong Point, SYDNEY, 2000	1972	13	Leased	See comments	71	1 of 1	See comments	Nil	Yes	ABC occupying concert & Recording Hall 3 Sound Booths - 1 Studio Basement & Mezzine Levels
Samuel Taylor Bldg., cnr. Pacific Highway & Campbell Street, GORE HILL.	1970?	-	Freehold	Various see comments	?	3 of 3	See comments	1985	No	This complex fully surveyed 1985. Asbesto Roof identified and signposted.
Forest Studios, Aquadil Avenue, WARRINGAH	?	14	Freehold	See comments	4041	3 of3	See comments	Nil	Yes	Various buildings., W'shops, Offices large studio
Masonic Hall, Lindfield Avenue, LINDFIELD. SYD.	1930	15	Leased	1	385	1 of1	Orchestra	Nil	Yes	Large Rehearsal Hall and small offices.
66 Dickson Avenue, ARTARMON. SYD.	1972	16	Leased	2 1-2	2010	1 of1	Offices W'Shops	Nil	Yes	Workshops, offices, booths

PROPERTY	BUILT	PRIORITY	FREEHOLD OR LEASED	NO.OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP.	INSP. REQ.	COMMENT
88 Dickson Avenue, ARTARMON. SYDNEY	1973	17	Leased	3 Basem't, Grd.Mzz.	1080	1 of 1	Offices Rhs.Stud.	Nil	Yes	Nil
33 Chandos Street, ST. LEONARDS. SYD.	1975	18	Leased	7 Grd.to 6 flr.	2929	1 of 1	Training Office	Nil	Yes	Eng. Training Stores, Offices
Velletta Building, cnr. Campbell Street & Reserve Road, ARTARMON. SYD.	1968	19	Leased	See comments	Units 1-9 2736 16-19 1112	13 units	See comments	Nil	Yes	Use: Office, Stores, Drafting Large areas, some ceiling coated recently. Analysis of samples negative.
65 Whiting Street, ARTARMON. SYD.	1974	20	Leased	2 1 Unit + car spce.	1438	1 of 1	See comments	Nil	Yes	Use: Training room - storage.
16-18 Waltham Street, ARTARMON. SYD.	1980	21	Leased	3 Gnd.Mezz. 1st	1486	1 of 1	See comments	Nil	Yes	Use: Elect.Switch Board & Dict. work, manufacturing and offices.
Arcadia Theatre, Victoria Avenue, CHATSWOOD	Occupd 1975	22	Freehold	2 Gnd.Mezz.	1285	1 of 1	See comments	Nil	Yes	Theatre complex and offices.
REGIONAL PROPERTIES 47/49 Newcomen Street, NEWCASTLE.	?	23	Freehold	?	813	1 of 1	Office	Nil	Yes	Nil
133 Horton St., PORT MACQUARIE	?	24	Leased	?	40	1 of 1	Offices	Nil	Yes	Nil
KEMPSIE 18 Kemp Street) William Street	? ?	25 —	Freehold Freehold	All ABC occup. 1	1346 557	1 of 1 1 of 1	Offices & Studios Res.	Nil Nil	Yes No	Nil Weatherboard and tile residence.

PROPERTY	BUILT	PRIORITY	FR'HLD OR LEASED	NO. OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP.	INSP. REQ.	COMMENT
GRAFTON 15 Prince Street	?	26	Leased	?	137.26	1 of 1	Office& Studios	Nil	Yes	Nil
TAMWORTH 50 Arinya Street	?	-	Freehold	?	?	1 of 1	Res.	Nil	No	Brick veneer cottage. Currently negotiating sale with Dept. of Defence.
468/472 Peel Street	?	27	Leased	?	?	1 of 1	Office	Nil	Yes	Nil
ORANGE 29 Sale Street	?	28	Freehold	?	981	1 of 1	Office & Studios	Nil	Yes	Nil
WAGGA 56-60 Baylis Street	?	29	Leased	?	?	1 of 1	Office	Nil	Yes	Nil
ALBURY 363 Shirlan Crs. 601 Olive Street	? ?	- 30	Freehold Leased	? ?	705 456	1 of 1 1 of 1	Res. Offices	Nil Nil	No Yes	Brick veneer cottage survey not required Nil
BEGA 18 Eden Street	?	-	Freehold	Grnd.	?	1 of 1	Res.	Nil	No	Wboard cottage survey not required
Bega Co-Op Society Auckland Street	?	31	Leased	?	?	1 of 1	Office	Nil	Yes	Nil
CANBERRA	1961	32	Land leas. Blg.owned	4	2551	3	Offices & Stud.	Nil	Yes	Radio & T.V. Bldg. joined with news gathering. Services annexed to main radio complex
WOLLONGONG 19 Belle Brae Avenue, Mt. Ousley, W'gong 172 Kiera Street	? ?	- 33	Leased Owned	Grnd ?	651 137.26	1 1	Res. Office & Studio	Nil Nil	No Yes	Brick veneer house no requirement to sur Nil

PROPERTY	BUILT	PRIORITY	FR'HLD OR LEASED	NO. OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP.	INSP. REQ.	COMMENT
NCTA HOUSE. 447 KENT ST. SYDNEY.	1972.	9.	LEASED	3 1-2-3.	1677	1 of 1	TRAINING.	NIL	YES	PRIORITY DUE to VINTAGE + LOCATIONS. ASBESTOS NOT LIKLEY
CENTREPOINT. CNR MARKET + CASTLEREAGH STS SYDNEY.	1980	10	LEASED	1	94.4	1 of 1	SHOP	NIL	YES	PRIORITY DUE to Location & vintage Asbestos N[illegible] LIKLEY.
66-72 McLAUGHIN AVE RUSHCUTTERS BAY	1920	11	LEASED	2 GND - 1	1627.4	1 of 1	W'SHOPS OFFICE	NIL	YES	WORKSHOPS & office NEWLEY RENOVATED
STOCK EXCHANGE BLDG. CNR BOND & PITT STS SYDNEY	1982	12	LEASED	1 office B'ment	10.75	1 of 1	office	NIL	YES	1 small office only Not necessarily this priority.
OPERA HOUSE BENELONG POINT SYDNEY	1972	13	LEASED	SEE COMMENTS.	71	1 of 1	SEE COMMENT	NIL	YES	ABC OCCUPYING CONCERT & RECORDING HALL 2 SOUND BOOTHS 1 STUDIO BASEMENT & MEZZINE LEVELS.
SAMUAL TAYLOR BLDG. CNR PACIFIC HWAY & CAMPBELL ST. GORE HILL	1970?	———	FREEHOLD	VARIOUS SEE COMMENT	?	3 of 3	SEE COMMENTS	1975	No	THIS COMPLEX FULLY SURVEYED 1985. ASBESTOS ROOF IDENTIFIED & SIGNPOSTED.
FORREST STUDIOES AQUADIC DVE WARRINGAH	?	14	FREEHOLD	SEE COMMENTS	4641	3 of 3	SEE COMMENTS	NIL	Yes.	VARIOUS Bldgs W'SHOPS offices Lge STUDIO
MASONIC HALL. LINDFIELD AVE LINDFIELD SYD	1930	15.	LEASED	1	285	1 of 1	ORCHESTRA	NIL	YES	LGE REHERSAL HALL + small offices.
66 DICKSON AVE ARTARMON SYD	1972	16	LEASED	2 1-2.	2010	1 of 1	OFFICES. W'SHOPS	NIL	YES	W'SHOPS, OFFICES, BOOTHS.
88 DICKSON AVE ARTARMON SYD.	1973	17	LEASED	3 B'MENT-GND MEZZ.	1080	1 of 1	OFFICES REH. STUD.	NIL	YES	NIL.
33 CHANDOS ST ST LEONARDS SYD.	1975	18	LEASED	7 GND & 6	2929	1 of 1	TRAINING OFFICE	NIL	YES	ENG. TRAINING STORES OFFICES
VELLETTA BLDG. CNR CAMPBELL ST & RESERVE Rd ARTARMON SYD.	1968	19	LEASED	SEE COMMENTS.	UNITS 1-9 2736 UNITS 16-19 1112	13 UNITS	SEE COMMENTS	NIL	YES	USE: OFFICE - STORES - DRAFTING. Lge AREAS, SOME CEILINGS COATED RECENT ANALYSIS OF SAMPLES NEGATIVE.
65 WHITING ST ARTARMON SYD	1974	20	LEASED	2 1 UNIT + CAR SPACE	1438	1 of 1	SEE COMMENTS	NIL	YES	USE: TRAINING ROOM - STORAGE
16/18 Waltham St. ARTARMON	1980	21	LEASED	3 GND MEZZ 1ST.	1486	1 of 1	SEE COMMENTS	NIL	YES	USE: ELECT. SWITCH BOARD & DUCT WORK MANF. + OFFICES

PROPERTY	BUILT	PRIORITY	FR'HLD OR LEASED	NO. OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP:	INSP. REQ.	COMMENT
RADIO STUDIOES 84 UPPER FORBES ST. DARLINGHURST	1945	1	FREEHOLD	10	5567	1 of 1	STUDIOES. OFFICES.	1979 1980 1985.	YES.	LEVEL III SEALED OFF DUE TO ASBESTOS DISTURBANCE AS A RESULT OF BURST WATER PIPE 1985. SEVERAL INSPECTIONS IDENTIFIED ASBESTOS IN MANY LOCATIONS. SEE ATT REGISTER.
T.V. STUDIOES PACIFIC HIGHWAY GORE HILL — TOWER BLK	1956.	2.	FREEHOLD	10	2648	1 of 2	OFFICES	1979	YES.	ASBESTOS CONFIRMED. SEE REG.
STUDIO BLK	1956	2	"	4	7230	2 of 8.	STUDIOES & STORES.	1979 JULY 86	YES.	SEE REG.
FORT KNOX	?	2	"	5	2100	3 of 8	OFFICES	NIL	YES	NIL.
COTTAGE	1956.(?)	2	"	GND	906	4 of 8	OFFICES	NIL	YES	NIL.
T/PORT GARAGE	1956. "	2	"	GND.	600	5 of 8	VEHICLE GARAGE	NIL	YES	NIL.
ATN BLDG.	1956	2	"	1	310	6 of 8	W/shop off.	NIL	YES	NIL
STORES & W'SHOPS	1956	2	"	GND.	2984	7 of 8	VARIOUS	1979	YES	ASBESTOS PLASTER BOARD SEE REG.
VARIOUS STORES	1956	2	"	GND	176	8 of 8	STORES	1979	YES	SEE REG.
					16 984 m²			(19 602 m²)	?	
BROADCAST HOUSE INC- 153 ELIZABETH ST SYDNEY	1962	3.	LEASED.	16 INC. BASEMENT L.GND.	NEW BLDG. 4147 OLD BLDG. 4105 TOT. 8252	1 of 1	OFFICES	NIL	YES	SUSPECT DUE TO VINTAGE.
MIRVAC BLDG. 185 ELIZABETH ST. SYDNEY.	1920	4.	"	1 LEVEL 7.	462	1 of 1	OFFICES	NIL	YES	DUE TO LOCATION TO B'CAST HSE. + ALTERATIONS THIS PRIORITY HAS BEE ALLOCATED.
BANK of NSW- WEST PAC 134-138 WILLIAM ST SYDNEY.	1972	5.	"	4	3078	1 of 1	OFFICES STUDIOES	?	YES.	RECORDS SHOW INSPECTION BUT NO DATE. A-C duct NOT VENT. BY EXHAUST SYSTEMS.
OLIVETTI BUILDING. 140 WILLIAM ST. SYDNEY	1970	6.	"	3 4-6-7:	1628	1 of 1	OFFICES BOOTHS.	?.	YES	RECORDS SHOW INSPECTION BUT NO DATE. A/C duct BUT NOT VENT. BY EXHAUST SYSTEMS.
WESTFIELD TOWERS.	1975	—	"	2-3-5	3078	1 of 1	OFFICES BOOTHS	SEE COMMENTS	NO.	COMPLETLY SURVEYED OCTOBER 1985. REMOVAL/SEALING IS BEING FUNDED BY BLDG. OWNER.
171 WILLIAM ST SYDNEY.	1940	—	FREEHOLD.	6	1358	1 of 1	STUDIOES BOOTHS OFFICES	SEE COMMENTS	NO	BLDG. SURVEYED MAY 1985 AFFECTED AREAS NOTED IN REGISTER.
177 WILLIAM ST SYDNEY	1940	—	LEASED.	2-2-5	862	1 of 1	STUDIOES BOOTHS OFFICES	SEE COMMENTS	NO.	RECLAIMING FAN & INSP NOT REQ.
THURGSTANES BLDG. CNR PALMER & STANLEY STS. DARLINGHURST.	1930	—	LEASED	1-2-3 ROOF	2136	1 of 1	VARIOUS	12-5-79	NO	BLDG. SURVEYED — ASBESTOS FREE.
REMINGTON BLDG. 175 LIVERPOOL ST SYD.	1975-78.	7	LEASED.	22 6 TO 26.	3155	1 of 1	OFFICES COMPUTERS.	NIL	YES	RELEVED THIS PRIORITY DUE to LOCATION — ASBESTOS NOT LINKED DUE TO VINTAGE.
COUNCIL BLDG. JESSEX ST SYDNEY	?	8	LEASED	1 OFFICE LEVEL 7.	13.5	1 of 1.	office	NIL	YES	NIL.

PROPERTY	BUILT	PRIORITY	FR'HLD OR LEASED	NO. OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP:	INSP. REQ.	COMMENT
ARCADIA THEATRE VICTORIA AVE CHATSWOOD.	OCC. 1975.	22.	FREEHOLD	2 GND + MEZZ	1285	1@1	SEE COMMENTS	NIL	YES	THEATRE COMPLEX + OFFICES
REGIONAL PROPERTIES										
47-49 Newcomen St NEWCASTLE	?	23	FREEHOLD	?	813	1@1	offices	NIL	YES	NIL
PORT Mc QUARIE 133 HORTON ST.	?	24	LEASED	?	40	1@1	offices	NIL	YES	NIL.
KEMPSIE				ALL ABC OCCUP.			offices & STUDIOS			
18 KEMP ST	?	25+26	FREEHOLD		1346	1@1		NIL	YES	NIL
17 WILLIAM ST	?		FREEHOLD	1	557.	1@1	RES	NIL	NO	WEATHER BOARD + TILE RES.
GRAFTON 15 PRINCE ST.	?	26	LEASED	?	137.26	1@1	OFFICE & STUDIOES	NIL	YES	NIL.
TAMWORTH 30 ARINYA ST	?	—	FREEHOLD	?	?	1@1	RES.	NIL	NO	BRICK VENEER COTTAGE CURRENTLY NEGOTIATING SALE will dep of
468-472 PEEL ST.	?	27	LEASED	?	?	1@1	Office	NIL	YES.	NIL
ORANGE. 29 SALE ST.	?	28	FREEHOLD	?	981	1@1	offices & STUDIOES	NIL	YES	NIL
WAGGA. 56-60 BALLIS ST.	?	29	LEASED	?	?	1@1	office	NIL	YES	NIL.
ALBURY 363 SHIRLEY BRS.	?	30	FREEHOLD	?	705.	1@1	RES	NIL	NO	BRICK VENEER COTTAGE SURVEY NOT REQ
601 OLIVE ST	?.	31	LEASED	?	456	1@1	office	NIL	YES	NIL.
BEGA 18 EDEN ST	?	32	FREEHOLD	GND.	?	1@1	RES	NIL	NO	W'BOARD cottage SURVEY NOT REQ.
BEGA CO-OP SOCIETY KLAND ST.	?	33	LEASED	?	?	1@1	office	NIL	YES	NIL

PROPERTY	BUILT	PRIORITY	FR'HLD OR LEASED	NO. OF LEVELS	AREA M²	BLDG. NO.	USE	PREV. INSP.	INSP. REQ.	COMMENT
CANBERRA	1961	34	LAND LEASED BLDG OWNED.	4	2551	3	OFFICES & STUDIOS	NIL	YES	RADIO & T.V. Bldgs joined with news gallery SERVICES ANNEXED to main Radio complex
WOLLONGONG.										
19 BELLE BRAE AVE MT OUSLEY WGONG.	?	35	LEASED	GND	657	1	Res.	NIL	NO	BRICK VENEER House no Requirement to survey
172 KIERA ST	?	86	OWNED	G?	137.26	1	Office & STUDIOS	NIL	YES	NIL

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18 October 1994

Mr. Glenn Martin,
General Services Department,
A.B.C. Television,
221 Pacific Highway,
GORE HILL 2065

Fax: (02) 950 3117

Our Reference: ABC-941018

Dear Glenn,

ASBESTOS-CONTAINING FLOOR TILES

MEZZANINE FLOOR - NW WING "OLD ARCHIVES AREA"

As requested, I visited the Mezzanine floor of the Old Archives Area on 17 October 1994, to obtain a sample of a floor tile for asbestos analysis, and to give advice on the removal of the floor tiles if they were found to contain asbestos.

Attached please find NATA endorsed Certificate of Analysis Reference 15403, dated 18 October 1994, which shows that chrysotile asbestos fibres were detected in the floor tile sample.

The following facts may be useful for you to evaluate the hazards and risks associated with asbestos-containing floor tiles:-

I have in my possession a CSR tile known to contain 12 to 15% "asbestos". *Repeat* analysis of this tile produces positive and negative results in a rather haphazard fashion, even by several experienced laboratories.

Amongst other information, I have used the above experience to write the present NATA Guidance Notes for the Identification of Asbestos. These Notes must be used by all NATA registered laboratories to base individual analytical methods upon. One mandatory requirement is to make the statement "Confirmation by another independent analytical technique may be necessary due to the nature of the material", when asbestos fibres cannot be detected in floor tiles, some mastics and epoxies.

I have for the third time, recently revised the NATA Guidelines, which are due for release in the near future. The revision removes this requirement, recognising the pragmatic conclusions as stated below. They include some facts on floor tiles which are not all well known. Whilst this strictly only applies to CSR products - I worked in the CSR floor tile production area for a short time - I understand that competitors products were very similar:-

1. Not all vinyl floor tiles contain asbestos.

2. The type of asbestos in asbestos-containing floor tiles is to my knowledge exclusively chrysotile asbestos.

3. A maximum of 15% by weight of asbestos was used in the manufacture of these tiles. Many tiles contain much less than this figure, especially towards the final years of production.

4. The asbestos used was always very low quality so as to keep the cost down - a typical asbestos used was Grade 7R, which is classed as a "refuse" or "waste" material. This meant that there was a large amount of non-fibrous material in the "asbestos" fraction, and only very short fibres in the remainder. The non-fibrous material is serpentine rock with *no* toxic properties.

5. If asbestos-containing tiles are sanded or ground, then this produces measurable but not necessarily very high airborne concentrations of asbestos fibres. Therefore these operations should not be done.

6. If asbestos-containing tiles are removed from a floor by breaking them with a spade, shovel, crow-bar or similar tool, then actual air sampling has shown that there are no measurable airborne asbestos fibres. In other words, very concentrated sampling close to the point of tile breaking yields results of <0.01 fibres per millilitre of air by the membrane filter method. This is under the detection limit of the method. Even electron microscope analysis has not detected any asbestos fibres liberated from the operation.

7. It is my belief that the identification of asbestos in floor tiles by PLM cannot always detect the low grade and small amount of actual *asbestos fibres* present in asbestos-containing tiles. If it is necessary to confirm a negative result by a completely independent analytical method, Scanning or Transmission Electron Microscopy are the only viable methods - at costs of around $200.00 to $500.00 per sample. Other methods including x-ray diffraction and infrared spectrophotometry are not very sensitive, and may miss amounts of asbestos less than approximately 2% by weight.

8. If tiles are going to be removed with minimum breakage, then analysis for their asbestos content is not essential.

In summary:-

(a) The analysis of floor tiles is difficult, with results erratic and unreliable, depending on the particular sample and competency of analyst.

(b) The low grade and mostly small quantity of asbestos in floor tiles, in association with the intimate bond between asbestos and the vinyl, makes this product basically impossible to liberate airborne asbestos fibres, *unless* they are ground or sanded. In other words, all airborne asbestos dust measurements are under the detection limit of the method of <0.01 fibres per millilitre of air. Note that the NSW Occupational Exposure Standard for chrysotile asbestos fibres is 0.5 fibres per millilitre based on exposure over a working shift, and a lifetime of exposure. Hence the removal of floor tiles by normal methods carries no risk to workers or visitors.

(c) The New South Wales Construction Safety Act Regulations 84A to 84J, and the National Occupational Health and Safety Commission Code of Practice for the Safe Removal of Asbestos, do not technically apply to the removal of asbestos-containing floor tiles. The major emphasis of both documents is to control situations which can - or have the potential to - release measurable airborne asbestos fibres, such as asbestos-based thermal and acoustic insulation. The removal of asbestos-cement materials - which do not liberate as much dust as thermal and acoustic insulation products - are subject to much less stringent requirements.

(d) Asbestos removal contractors, decontamination units and air monitoring are not required by the Regulations for asbestos-containing floor tile removal. Hence, I have no problem in recommending that the "Old Archives Area" floor tiles can be removed by any contractor. However, it is prudent for them to wear disposable overalls and respirators, and you should insist that they only use spades, shovels, crow-bars or similar tools to remove the tiles from the floor, and then dispose of the tiles as asbestos waste in accordance with Waste Management Authority requirements.

Yours faithfully,

G. C. PICKFORD.

ASBESTOS MEZZANINE FLOOR NEW GRAPHICS AREA

As part of the building appraisal for Graphics relocation, materials containing asbestos have been located within the area.

We have sampled the materials and sought confirmation from Pickford consulting, reports attached.

The area's concerned are the service riser containing air-conditioning pipes lagged with asbestos insulating materials and the floor tiles containing small amounts of asbestos

SERVICE RISER.

Air-conditioning pipes totally enclosed within the service riser are clad with insulating materials containing asbestos

This is encapsulated by an outer covering of non asbestos material found to be in good condition, with no breaks or tears noticed

RECOMMENDATION
As per ABC (then) PSU agreement I recommend that this material is left undisturbed with the register being upgraded. Warning sign's will also be affixed to the pipes.

FLOOR TILES

The floor tiles (under the old carpet) contain a small percentage of asbestos. The consultants report indicate that there is very little chance of the asbestos being liberated from the binding agents unless the material is ground and pulverised. Following on from this I would have difficulty defining the material as friable.

RECOMMENDATION
I recommend that we employ recognised asbestos removal experts to utilise sharp flat scrapping blades to separate the tiles from the floor.

I recommend the use of removal experts to ensure that the operators are aware of the risk associated with asbestos and to ensure no unsafe practices are employed.

The removals will be required to wear disposable overalls and face marks no less than Class M filter type.

The material will be removed from site at completion of the project and disposed of at a registered tip.

No ABC staff, except approved monitors, will be allowed into the are while works are progressing

I believe these recommendations are well above the necessary safe working practices, however they will ensure that there can be no doubt about the safety of the area.

Tom Brassil
Head General Services
TV NSW
3100
October 19, 1994
file: MEZGRAPH.DOC

A.C.N. 004 003 106

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18 October 1994

Mr. Glenn Martin,
General Services Department,
A.B.C. Television,
221 Pacific Highway,
GORE HILL 2065

Fax: (02) 950 3177

CERTIFICATE OF ANALYSIS

YOUR REFERENCE/JOB No.:
TYPE OF SAMPLES: Bulk sample - as sampled by G. Pickford.
SITE LOCATION: ABC TV Studios, Gore Hill.
SAMPLE POSITION Floor tile, NW Wing, Mezzanine Floor, "Old Archives Area".
DATE SAMPLED: 17 October 1994 DATE RECEIVED: 17 October 1994
OUR REFERENCE: 15043

TEST METHOD: Bulk material examined by Polarized Light Microscopy (with Dispersion Staining) using internal Laboratory Method ID/1.

Sample No.	*Lab No.*	*Analysis*
# 03	15043	chrysotile asbestos detected

Comments:-

The sample was a 2.4 mm thick, light-grey coloured floor tile of approximate mass 53 g, in which chrysotile asbestos fibres were detected.

Analysed and reported by:

G. C. PICKFORD,
Approved Identifier and Signatory.

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18 October 1994

Mr. Glenn Martin,
General Services Department,
A.B.C. Television,
221 Pacific Highway,
GORE HILL 2065

Fax: (02) 950 3177

CERTIFICATE OF ANALYSIS

YOUR REFERENCE/JOB No.:
TYPE OF SAMPLES: Bulk sample - as sampled by G. Pickford.
SITE LOCATION: ABC TV Studios, Gore Hill.
SAMPLE POSITION Insulation on Chilled Water pipe, NW Wing, Mezzanine Floor, "Old Archives Area".
DATE SAMPLED: 17 October 1994 DATE RECEIVED: 17 October 1994
OUR REFERENCE: 15042

TEST METHOD: Bulk material examined by Polarized Light Microscopy (with Dispersion Staining) using internal Laboratory Method ID/1.

Sample No.	*Lab No.*	*Analysis*
# 02	15042	amosite asbestos detected

Comments:-

The sample was off-white coloured, friable, crumbly material of approximate mass 0.2 g, in which amosite asbestos fibres were detected.

Analysed and reported by:

G. PICKFORD

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29 January 1995

Mr. Glenn Martin,
General Services Department,
A.B.C. Television,
221 Pacific Highway,
GORE HILL 2065

Fax: (02) 950 3117

Our Reference: ABC-950129

Dear Glenn,

AIRBORNE ASBESTOS - PROPERTY STORE

I. INTRODUCTION AND BACKGROUND

At your request, I visited the Gore Hill site on 27 January 1995 to inspect the Props Store and the Furniture Store.

The aim of the visit was to investigate concern raised in a report implying the possibility of asbestos fibres being liberated from the asbestos-cement roof of the Props Store, and consequently exposing employees in the adjacent Furniture Store, if the windows were open.

II. SUMMARY AND RECOMMENDATIONS

The results of a visual examination of the weathered surface of the corrugated asbestos-cement roof adjacent to the windows of the Furniture Store and the Art Department have been supported by objective measurements to show that measurable airborne asbestos fibres do not arise from the roof, even when rubbed in an attempt to dislodge surface fibres.

In general, the visible fibres attached to the roofing material are normally chrysotile asbestos, which are very flexible and strong. These fibres are chemically bonded with the cement in the product, and are designed to act as a reinforcing agent. The lichen and moss present on an old roof like this one, also tends to prevent surface fibres from becoming free.

In my view, there is absolutely no need to take any action at all in respect to the asbestos-cement roof concerning the proximity of adjacent windows that can be opened.

In fact, all windows should be closed to allow the air-conditioning to work effectively, and only on this basis should it be decided to lock the windows so as to prevent them from opening. In the event that the air-conditioning unit malfunctions, then they can easily be unlocked and opened without any fear or risk to the health of any worker of visitor.

III. OBSERVATIONS

A. Property Store

The Property Store is constructed from unpainted, corrugated asbestos-cement sheet walls and roof, and is approximately 14 m wide by 40 m long.

The underside of the roof is insulated with synthetic mineral fibre blankets, supported with aluminium sisalation.

At the west end, a steel frame has been built to prevent the stored curtains from rubbing against the corrugated asbestos-cement sheet walls. The eastern end is internally clad with hardboard.

This area has no windows, but has natural ventilation provided by seven ridge ventilators.

The exterior surface of the roof is in reasonably good condition, and has moderate lichen and moss growth. Whilst corners of several sheets have been broken, the edges of the brake appear almost as weathered as the sheets themselves. Close examination of the weathered surface of the roof shows minimal surface fibres - most unlikely to cause any problem even in severe wind or rain.

B. Furniture Store and Art Department

This building is adjacent to and south of the Props Store, and has metal walls, synthetic mineral fibre blankets supported by aluminium sisalation and chicken wire, a metal roof and a concrete floor.

Windows on the southern side of the building open onto a metal roofed building, whilst a single window in the middle of the northern side opens on the corrugated asbestos-cement roofed Props Store.

This area is air-conditioned by a chilled water, reverse cycle unit.

A continuation of this building to the east contains offices of the Art Department, with windows on the northern side opening onto the corrugated asbestos-cement roofed Props Store. This area is also air-conditioned, and all windows were observed closed during my visit.

A visual examination of several metres of the gutter serving this roof showed no visible fibres to be present.

IV. MEASUREMENT METHODS

Two types of measurements were used to determine the airborne asbestos fibre concentrations associated with the Props Store asbestos-cement roof as follows:-

A. Fibrous Aerosol Monitor

To gain an impression of the ability of the asbestos-cement roof to release asbestos fibres, a GCA Fibrous Aerosol Monitor (Model FAM-1) was used.

This device is a real-time particle counter, specifically designed to detect airborne fibres with a length to width ratio exceeding 3 to 1; with a width exceeding 3 micrometres and a length exceeding 5 micrometres.

The Fibrous Aerosol Monitor (FAM) continuously samples the surrounding air at 2 litre per minute, and uses a photomultiplier to detect scattered light coming from fibres which are made to rapidly oscillate in a high-intensity electric field, at the same time as being illuminated by a helium-neon laser beam. Only fibre-shaped particles are detected, and essentially all other particles are appropriately ignored. Even though the FAM has its limitations, it is a reasonable indicator in conjunction with the conventional method of analysis using membrane filters as described below.

A tube can be attached to the sample inlet of the FAM and then positioned in any place desired.

B. Membrane Filter Method

In brief, this method employs a battery powered sampling pump to draw a measured quantity of air through a filter which is positioned in a fixed location for a "static" sample.

The filter is later rendered transparent by chemicals, and observed with a phase-contrast optical microscope.

All fibres of specified geometric criteria are counted, and the airborne fibre concentration in fibres per millilitre of air is calculated knowing the number of fibres and volume of air sampled.

During my inspection, an air measurement using this method was conducted in accordance with the National Association of Testing Authorities (NATA) requirements, using the June 1988 National Occupational Health & Safety Commission "Guidance Note on the Membrane Filter Method (MFM) for Estimating Airborne Asbestos Dust".

V. SAMPLING STRATEGY

A. Fibrous Aerosol Monitor

Several tests were conducted with the Fibrous Aerosol Monitor (FAM) as follows:-

1. The inlet of the FAM was positioned within 1 cm of the roof surface, and run for 10 minutes. The prevailing wind was in a northerly direction, which meant that it was travelling over the asbestos-cement surface directly into the open window of the Furniture Store.

2. The inlet of the FAM was positioned within 1 cm of the roof surface, and run for 10 minutes whilst I rubbed the weathered surface of the roof with a finger in an attempt to dislodge surface fibres.

3. A small amount of synthetic mineral fibre insulation material was slightly crushed and positioned within a few centimetres of the inlet tube for several seconds.

B. Membrane Filter Method

One test was conducted using this method as follows:-

The sample filter was outside the window, and was positioned 30 cm from the edge of the roof surface, and run for 145 minutes. During this time, the prevailing wind was travelling over the asbestos-cement surface directly into the sample filter.

VI. MEASUREMENT RESULTS

A. Fibrous Aerosol Monitor

The results using the Fibrous Aerosol Monitor (FAM) are as follows:-

1. With the inlet of the FAM positioned within 1 cm of the roof surface, no fibres were detected, which means that the result was approximately <0.01 fibres per millilitre.

2. The inlet of the FAM was positioned within 1 cm of the roof surface, no fibres were detected whilst the weathered surface of the roof was being rubbed with a finger in an attempt to dislodge surface fibres, which means that the result was approximately <0.01 fibres per millilitre.

3. When synthetic mineral fibre insulation material was slightly crushed and positioned within a few centimetres of the inlet tube for several seconds, 6 fibres were detected, which means that the result over the full 10 minute period was approximately 0.06 fibres per millilitre. If this operation had have been maintained for the full 10 minutes, then the FAM reading would have been 10 to 20 fibres per millilitre.

B. Membrane Filter Method

The result of the test conducted using this method is as follows:-

With the sample filter outside the window, and positioned 30 cm from the edge of the roof surface, the result was <0.01 fibres per millilitre (See attached NATA endorsed Certificate of Analysis Reference 15643/44, dated 28 January 1995).

In other words, the result was less than the detection limit of the method.

Note that the Occupational Exposure Standard for full shift, personal samples is 0.1 and 0.5 fibres per millilitre, in the case of amosite and chrysotile asbestos fibres respectively.

Hence, the measurements are completely satisfactory.

Yours faithfully,

G. C. PICKFORD.

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28 January 1995

Mr. Glenn Martin,
General Services Department,
A.B.C. Television,
221 Pacific Highway,
GORE HILL 2065

Fax: (02) 950 3117

CERTIFICATE OF ANALYSIS

YOUR REFERENCE/JOB No.: -
TYPE OF SAMPLE: Membrane filter - as sampled* by G. Pickford.
SITE LOCATION: ABC TV Studios, Gore Hill.
SAMPLE POSITION Outside north window of Furniture Store, 30 cm from edge of asbestos-cement roof of Props Store.
DATE SAMPLED: 27 January 1995 **DATE RECEIVED:** 27 January 1995
OUR REFERENCE: 15643/44

TEST METHOD: Filter examined in accordance with the August 1988 National Occupational Health & Safety Commission "Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust", as per Laboratory Method MFM/1.

Using sample durations and flowrates measured on site, airborne dust concentration (fibres per millilitre of air) for the sample calculates as follows :

Sample No.	*Lab No.*	*Start Time (24 hr)*	*Duration (min)*	*Av Flowrate (L/min)*	*Results (fibres/fields)*	*Concentration (Fibres/mL)*
C 88	15643	1545	145	3.45	0.5/100	<0.01
C 15	15644	-	-	-	0/100	O.K.

* Sampling not covered by Terms of Registration.

Analysed and reported by:

S. PARTRIDGE,
Approved Counter and Signatory.

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28 June 19

Mr. Tom Brassil,
Manager, General Services Department,
A.B.C. Television,
221 Pacific Highway,
GORE HILL 2065

CERTIFICATE OF ANALYSIS

YOUR REFERENCE/JOB No.:
TYPE OF SAMPLES: Bulk samples - as sampled by G. Pickford.
SITE LOCATION: ABC TV Studios, Gore Hill.
DATE SAMPLED: 27 June 1995 **DATE RECEIVED:** 27 June 1995
OUR REFERENCE: 16464/67

TEST METHOD: Bulk materials examined by Polarized Light Microscopy (with Dispersi Staining) using internal Laboratory Method ID/1.

Sample No.	*Lab No.*	*Sample Location*
# 01	16464	Studio 22 - sprayed insulation on soffit, north-east corner
#-02	16465	Studio 22 - sprayed insulation on soffit, north-west corner
# 03	16466	Studio 21 - sprayed insulation on soffit, adjacent to mid north wa
# 04	16467	Studio 21 - sprayed insulation on soffit, adjacent to mid west wal

Analysis and Comments:-

Sample No.		
# 01	amosite asbestos detected	The sample was grey coloured, fibrous, friable wool c approximate mass 0.9 g in which amosite asbestos fibre were detected.
# 02	amosite asbestos detected	The sample was grey coloured, fibrous, friable wool c approximate mass 0.4 g in which amosite asbestos fibre were detected.
# 03	amosite asbestos detected	The sample was grey coloured, fibrous, friable wool c approximate mass 0.3 g in which amosite asbestos fibre were detected.
# 04	amosite asbestos detected	The sample was grey coloured, fibrous, friable wool c approximate mass 2 g in which amosite asbestos fibre were detected.

Analysed and reported by:

G. C. PICKFORD

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