

NGT 042/YAS 001
12/9/89

TV GORE HILL - TOWER BUILDING ASBESTOS REMOVAL

1. During demolition prior to new fitout several concealed items of material were routinely investigated to ensure they were not asbestos material.
The material was identified as brown asbestos through a phone call from the fitout supervisor, Australian Construction Services, at approximately 3.30 p.m. on Friday 1/9/89.
2. Australian Construction Services found the material.
3. The material was tested by the Commonwealth Materials Testing Laboratory.
4. (i) After the material was identified the only people with access to floors 6 & 7 were
 - the builders (Almod P/L)
 - the supervisors (A.C.S.)

In fact all work had finished for the day.

(ii) After the material was identified the building was occupied on levels G,M.1,2,3,5 and 8 by the resident ABC Depts.
5. The building is air conditioned via a ducted system servicing all floors.
All duct runs on floors 6 & 7 had been disconnected and blocked off prior to the identification. Return air grilles were sealed off during asbestos removal. There was no connection from floors 6 & 7 to the building A/C System.
6. Floors are generally connected to a common A/C system, however as advised in 5 above, duct runs on floors 6 and 7 had been disconnected and blocked off as part of the renovations.
7. The asbestos was removed on 2/9/89 by a specialist asbestos removal team; Australian Construction Services.
8. Procedures followed were in accordance with the code as laid down by Worksafe Australia guidelines.
9. From 2 to 5 Sept., all floors of the Tower building were occupied wholly or partially (weekend) by the resident ABC Depts. (News, C/Aff, Graphics, Switchboard, Transmission Suite), except the floors being renovated (4,6,7).
10. Monitoring was done on Monday 4 Sept., the first working day after the asbestos removal.
11. The monitoring was passive.
12. Monitors were located in the vicinity of the asbestos removal:-
 - East Side, level 7
 - West Side, level 7
 - Centre floor, level 6
13. Results of monitoring were obtained by the ABC on Tuesday 5 Sept.

01/3
OAS Policy LG

A.B.C. INTEROFFICE MEMORANDUM

TO: All NSW Television Staff

DATE: 4 October, 1989

FROM: Manager Television (NSW)

PHONE: 4500
CME/wp

SUBJECT: Tower Block Asbestos

A small amount of asbestos insulation lagging in the form of packed gypsum with a binder approximately 20% asbestos (similar to a plaster cast) was removed from levels 6 and 7 of the Tower Block on the 2nd of September last.

The removal was effected by wrapping the asbestos in plastic in sections of approximately 3 metres and placing those sections in an additional plastic envelope.

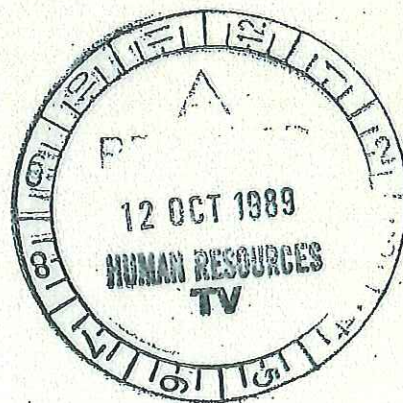
Air monitoring was carried out on September 4th with readings of less than 0.01 fibres/ml of air.

Staff are requested to register their names with their supervisors on the form provided if they were working in the building on the 2nd, 3rd or 4th of September 1989. These registrations will be noted and maintained on the personnel files of the people concerned as well as on a central register in the OH&S department.

In terms of procedures in the future, the ABC agrees to negotiate in accordance with statutory requirements and Codes of Practice (Worksafe Australia) with the relevant unions. The ABC is currently negotiating an Asbestos Management Program with the unions.

In the future, in addition to notifying relevant unions, the ABC will advise staff in the areas concerned of any removal of material containing asbestos.


CHRISTOPHER M. FARRELL



noted
pf

4.11

also 4.10A

ABC HOUSE 120 WILLIAM STREET SYDNEY NSW 2001

AUSTRALIAN BROADCASTING CORPORATION



Head Office

Ref: 4260(B)

11th October, 1989

Rod Harris
Organiser
Public Sector Union
ABC Sub Branch

Via Fax 2994

Dear Rod,

RE: ASBESTOS - GORE HILL TOWER BLOCK

Further to our meeting of 3 October 1989.

In response to your requests for air monitoring of the remaining occupied floors and surveying of the Tower Block, independent expert advice was sought by the ABC from "Worksafe Australia".

Worksafe Australia has recommended that given the nature of the containment of the asbestos in the material in question and the procedures followed during the removal, there is no basis, nor need, for additional monitoring.

In terms of surveying the building, Worksafe Australia will undertake a survey of the Tower Block. A tentative date of 1 November 1989 has been set for the survey. The PSU will be advised of the results.

Yours faithfully,

CHARLES GRIPLAS
Industrial Officer (TV)

cc:
MgrTV(NSW)
OH&SMgr



FILE As/028-1

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ILLAWONG. 2234Telephone: (02) 543 5754
Carphone: 018 260 341
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Pager No 3236
Fax: (02) 543 7732

3rd January, 1990

Mr. G. Georgeson,
Occupational Health & Safety Manager,
Australian Broadcasting Corporation,
150 William Street,
WOOLLOOMOOLOO 2011

Dear Sir,

ASBESTOS PIPE INSULATION - ABC, GORE HILL**A. Background**

At your request, I visited the Gore Hill Site today in conjunction with yourself, and Messrs T Brasil and C Griplas. Plant Room M3, of the Tower Building was inspected, with the following observations:-

1. Asbestos-containing pipe insulation on 2 pipes had sustained minor damage, and the external sheathing on one pipe was loose over a distance of approximately 0.5 m.
2. There was a very small and almost non-visible amount of white powder - probably insulation material - on the floor immediately beneath the 2 damaged sections.
3. The air-conditioning plant in the room had been shut down, and warning tape had been placed between the main access door and the Plant.

B. Considerations

Attached is my Resume, which summarizes my involvement in the measurement and control of asbestos over some 17 years.

In my experience, I would like to make the following conclusions:-

1. Even with the existing damage to the asbestos-containing pipe insulation in Room M3, the airborne asbestos fibre concentration in the Plant Room is unlikely to exceed the detection limit of the method, which is less than 0.01 fibres per millilitre of air. In other words, the small amount of damage is most unlikely to result in a measurable concentration of airborne asbestos dust.
2. Because of the arrangement of the supply air system, it is also most unlikely that measurable concentrations of asbestos dust could find its way into any of the 3 rooms conditioned by the Plant in Room M3.
3. There are no people permanently stationed in the Plant Room. Hence no actual *risk* exists. It might be argued that maintenance people, who do work in the room from time to time, may be exposed to asbestos dust. Again, even if the airborne asbestos dust concentration was above the detection limit of 0.01 fibres per millilitre, it is my experience that the level will be well below the present occupational Exposure Standard of 0.1 fibres per millilitre for amosite asbestos dust, and hence of no measurable risk by to-day's standards.

C. Options

There are a number of options available as follows:-

1. Do nothing
2. Completely remove the asbestos-containing pipe insulation from Room M3
3. Repair the damaged sections

Whilst the first option is negligent, the second one is completely unnecessary in my view for this particular situation, and may in fact result in higher airborne asbestos dust levels than if option 3 is taken.

D. Recommendations

Unequivocally, I recommend that the following actions are taken:-

1. Inform the Staff and Union representative of the situation.
2. Obtain the assistance of people experienced in asbestos removal and/or repair, and using 50 mm wide "grey duct PVC tape" or similar, comprehensively seal all damaged sections of the pipe insulation, and also where the external lining is loose.
3. Additionally, seal all exposed ends of pipe insulation sections in the same manner, to avoid future problems.
4. Install metal sheathing on those sections of insulation that might be prone to mechanical damage by maintenance personnel.
5. Completely vacuum the floor and other obvious surfaces with an approved vacuum cleaner.
6. Conduct a thorough visual inspection to ensure that no exposed insulation is visible; that all loose sheathing is repaired; and that there is no visible dust of any kind in the Plant Room.
7. Get a NATA registered laboratory to take air samples in the following rooms and determine the airborne asbestos fibre concentrations according to the August 1988 National Occupational Health & Safety Commission "Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust". The air-conditioning should be turned on for the tests.
 - . Plant Room M3
 - . Dubbing 1 Projection Room
 - . Voice-Over Booth
 - . Dubbing 1 Control Room
8. If the airborne asbestos dust concentrations for each of the rooms is less than 0.01 fibres per millilitre, then the rooms should be approved for re-occupancy.

If any of the above points require expanding or clarifying, please contact me.

Yours faithfully,



G. C. PICKFORD

ABC INTER OFFICE MEMO

File:

To: Charles Griplas
Industrial Officer
Gore Hill


pc:OH&S
Mgr TV NSW
PSU Gore Hill branch

ASBESTOS MS TV BUILDING

On the figures in the attached (preliminary) report I have placed Dubbing 1 back in service from 8-1-90.

Works still needing attention are the metal sheathing in various locations, this work is to be carried out this week (proposed).

As requested I will distribute the work plan for the project and the NATA report as I receive them.



Tom Bramall
Head General Services
TV NSW
ext. 8100
08 January 1990



NATIONAL INSTITUTE OF OCCUPATIONAL HEALTH & SAFETY

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

Attention Tom Brasil.

RE: Monitoring during asbestos work in Plant room M3.

Sample Date	AM/PM	Position	Analysis Result
5/1/90	PM	Plant M3	less than 0.01 fibres/ml.
5/1/90	PM	Corridor M3	less than 0.01 fibres/ml.
5/1/90	PM	Voice Bulking	less than 0.01 fibres/ml.
5/1/90	PM	Bulking Projection	less than 0.01 fibres/ml.
5/1/90	PM	Theatreette	less than 0.01 fibres/ml.
6/1/90	AM	Corridor M3	less than 0.01 fibres/ml.
6/1/90	AM	Voice Bulking	less than 0.01 fibres/ml.
6/1/90	AM	Bulking Projection	less than 0.01 fibres/ml.
6/1/90	AM	Theatreette	less than 0.01 fibres/ml.
6/1/90	PM	Plant M3	less than 0.01 fibres/ml.
6/1/90	PM	Corridor M3	less than 0.01 fibres/ml.
6/1/90	PM	Voice Bulking	less than 0.01 fibres/ml.
6/1/90	PM	Bulking Projection	less than 0.01 fibres/ml.
6/1/90	PM	Theatreette	less than 0.01 fibres/ml.
6/1/90	Blank	0 fibres/100 fields	} accept both batches.
5/1/90	Blank	0 fibres/100 fields	

This report constitutes a preliminary report. A final report in the form of a NATA analysis certificate will be forwarded on Monday 8/1/90

Yours faithfully
 M. T. Hager

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A.B.C. HOUSE 150 WILLIAM STREET 2000 TELEPHONE (02) 339 0211

AUSTRALIAN BROADCASTING CORPORATION



Head Office

ABC INTER-OFFICE MEMORANDUM

TO: ALL STAFF, STUDIO BLOCK
FROM: MGR TV (NSW)
DATE: 28 FEBRUARY 1990
SUBJECT: DUBBING 1, CONTROL - ASBESTOS

It has come to the notice of ABC Management that a thin layer of asbestos was discovered on the surface of a concrete wall behind a false wall panel that was removed in Dubbing 1, Control.

The asbestos substance was tested this afternoon (Wednesday 28/2/90) and was indentified as containing amosite.

Following the initial discovery, work was stopped in the Control Room and the area sealed.

Australian Construction Services (ACS) will be inspecting Dubbing 1, Control early tomorrow morning (Thursday 1/3/90) and will be recommending appropriate action.

The PSU has been informed.

I will keep you informed.

A handwritten signature in dark ink, appearing to read 'C. Farrell'.

CHRISTOPHER M. FARRELL
MANAGER TV (NSW)

4-10

BRIEFING NOTE

FROM: INDUSTRIAL RELATIONS (TV) DATE: 2 MARCH 1990
TO: DTEL FILE REF: 4277/4260 (C)
MGR TV NSW
CINDRELS

SUBJECT: DUBBING 1 THEATRETTE - ASBESTOS

BACKGROUND

24/2/90 two installation BEOs while removing timber noggins to gain cabling access as part of the installation process, uncovered a section of asbestos residue.

27/2/90 General Services was notified and work in the area was halted.

28/2/90 Industrial Relations (TV) was notified.

ACTION TO
DATE

28/2/90 Asbestos substance was tested and identified as amosite.

Dubbing suite was sealed and the surrounding area barricaded.

PSU (ABC Sub-Branch) were notified

Mgr TV (NSW) issued newsletter informing staff.

1/3/90 Australian Construction Services (ACS) inspected the area and recommended vacuuming and sealing.

PSU (ABC Sub-Branch) after being informed of ACS's recommendations at a meeting refused to accept the individual from ACS, as he was not "mutually" agreed between the ABC and the PSU.

2/3/90 Worksafe Australia inspected the area and also recommended vacuuming and sealing.

Enviro Science (mutually agreed) inspected the area and recommended vacuuming, scraping and sealing.

Meeting held with PSU to negotiate procedures.

3/3/90 - 4/3/90 Vacuuming, sealing and air monitoring of Dubb 1. Scraping not conducted due to ACS not being prepared for this process.



5/3/90 Meeting with PSU and NSW Management

Two issues discussed:

1. Dubb 1
2. Lower Ground Floor (Tower Block)

Three Points of Agreement:

1. Dubb 1 to be deemed safe by Enviro Science (air monitoring results proved negligible (i.e. no reading), also an undertaking by the ABC that removal of asbestos in Dubb 1 be tied to refurbishment or capital work funds by end of calendar year.
2. Lower Ground Floor
Mutually agreed specialist to survey and recommend procedures.
3. To survey Tower and Studio Block for asbestos. This survey will form the basis for future discussions.



COLIN PALMER
MANAGER INDUSTRIAL RELATIONS (TV)

5-MAR-90 MON 13:54



ENVIROSCIENCES PTY LIMITED

- Laboratories
- Environmental Planning
- Occupational Hygiene
- Wastewater Engineering
- NATA Registered Analytical and
- Quality Control Laboratory
- Asbestos Removal Management

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5th March, 1990.

Australian Broadcasting Commission,
Box 9994 G.P.O.,
SYDNEY, N.S.W. 2001.

Attention: Mr Tom Brassit.

CERTIFICATE OF AIRBORNE ASBESTOS ANALYSIS

JOB/REFERENCE No: 31155/1 - 5

DATE SAMPLED: 2.3.90
DATE RECEIVED: 2.3.90

SAMPLED BY: K. Maher.

TEST METHOD: Filters examined in accordance with the August, 1988 National Occupational Health & Safety Commissions "Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust".

WORK PRACTICE: All samples were taken at the A.B.C. TV Studios site, Gore Hill, before work had commenced.

RESULTS

SAMPLE NO:	LOCATION:	FIBRES/FIELDS
31155/1	Dubbing Room 1 - Background.	Nil/100
31155/2	Corridor outside Dubbing Room, Background.	Nil/100
31155/3	Voice Over Room - Background.	Nil/100
31155/4	Projection Room.- Background.	Nil/100
31156/5	Air Conditioning, Plant Room. Background.	Nil/100

2.

* SAMPLING DETAILS

<u>SAMPLE NO:</u>	<u>TIME ON</u> (24 HR)	<u>TIME OFF</u> (24 HR)	<u>AVERAGE FLOWRATE</u> (L/MIN)	<u>CONCENTRATION</u> (FIBRES/ML)
31155/1	16.34	20.34	2.0	<0.01
31155/2	16.35	20.35	2.0	<0.01
31155/3	16.36	20.36	2.0	<0.01
31155/4	16.37	20.37	2.0	<0.01
31155/5	16.38	20.38	2.0	<0.01

* Sampling not covered by Terms of NATA Registration.

NATA Endorsement



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Approved Counter *H. J. Mat*

Approved Signatory *De*

5-MAR-90 MON 13:52

P. 02



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5th March, 1990.

Australian Broadcasting Commission,
Box 9994 G.P.O.,
SYDNEY, N.S.W. 2001.

Attention: Mr Tom Brassit.

CERTIFICATE OF AIRBORNE ASBESTOS ANALYSIS

JOB/REFERENCE No: 31155/6 - 15

DATE SAMPLED: 3.3.90

SAMPLED BY: P. Endersby.

DATE RECEIVED: 3.3.90

TEST METHOD: Filters examined in accordance with the August, 1988 National Occupational Health & Safety Commissions "Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust".

WORK PRACTICE: Contaminated area treated with one coat Demmerclad - 1 layer of Calico, the 2 coats of Emmerclad.

RESULTS

SAMPLE NO:	LOCATION:	FIBRES/FIELDS
31155/6	Dubbing Room 1 - Work Area.	Nil/100
31155/7	Hall, outside Dubbing Room.	Nil/100
31155/8	Voice Over Room.	Nil/100
31155/9	Level 2, Dubbing Room M4	Nil/100
31155/10	Air Conditioning Room M3	Nil/100
31155/11	Lower Level	Nil/100
31155/12	Clearance-Dubbing Control Room, Suite 1.	Nil/100
31155/13	Clearance-Dubbing Control Room, Suite 1.	Nil/100
31155/14	Clearance - Lower Level	Nil/100
31155/15	Clearance - Lower Level	Nil/100

2.

* SAMPLING DETAILS

<u>SAMPLE NO:</u>	<u>TIME ON</u> (24 HR)	<u>TIME OFF</u> (24 HR)	<u>AVERAGE FLOWRATE</u> (L/MIN)	<u>CONCENTRATION</u> (FIBRES/ML)
31155/6	8.36	12.36	2.0	<0.01
31155/7	8.38	12.38	2.0	<0.01
31155/8	8.41	12.41	2.0	<0.01
31155/9	8.43	12.43	2.0	<0.01
31155/10	8.45	12.45	2.0	<0.01
31155/11	10.40	2.50	2.0	<0.01
31155/12	12.39	4.39	2.0	<0.01
31155/13	12.39	4.39	2.0	<0.01
31155/14	2.55	6.55	2.0	<0.01
31155/15	2.50	6.55	2.0	<0.01

* Sampling not covered by Terms of NATA Registration.

NATA Endorsement



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5th March, 1990

Mr. Tom Brassit,
Australian Broadcasting Commission,
Box 9994 G.P.O.,
SYDNEY, N.S.W. 2001.

TO FAX NO: 950 3117.

Dear Sir,

Listed below are the results of air monitoring carried out at the Gore Hill site on Friday, 2nd March, 1990.

All sampling, and reporting of results are done in accordance with Part II, "Air Sampling for Para-occupational Situations" of the National Occupational Health and Safety Commission's "Guidance Note on the Membrane Filter Method of Estimating Airborne Asbestos Dust" (1988).

WORK PRACTICES.

Dynamic air test, fan used to circulate air.

CLEARANCE RESULTS.

Sample 31155/16 - Dubbing Room, Suite 1.
Countable fibre concentration: <0.01 fibres/ml.

Sample 31155/17 - Dubbing Room, Suite 1.
Countable fibre concentration: <0.01 fibres/ml.

The above results indicate that the area above is free from airborne asbestos fibres, and can be accessed without the use of respiratory equipment.

Yours faithfully,
ENVIROSCIENCES PTY. LIMITED.

for DAVID LANE,
Operations Manager.