ASBESTOS CLEARANCE CERTIFICATE

REMOVAL OF ASBESTOS CONTAINING EXTERNAL AND INTERNAL MATERIALS TO THE REDUNDANT AUSGRID SUBSTATION, SYDNEY MODERN PROJECT, ART GALLERY ROAD, SYDNEY NSW 2000

Prepared for:

Richard Crookes
Level 3
4 Broadcast Way
Artarmon NSW 2064

Report Date: 30th June 2020

Project Ref: SYDGE234348

Fieldwork by:	Fieldwork by:	Written/Submitted	Reviewed/Approved by:
Michael Tan WHS Consultant Licenced Assessor: LAA001397	Patricy Cortes WHS Consultant	Patricy Cortes WHS Consultant	Aaron Holmes WHS Management and Compliance Leader NSW/ACT Licenced Assessor: LAA001042

Level 19, Tower B - Citadel Tower
799 Pacific Highway Chatswood NSW 2067
Coffey Services Australia Pty Ltd
ABN: 55 139 460 521

1 CLIENT DETAILS

Client Company:	Richard Crookes Constructions (Richard Crookes)
Client Contact:	Tom Martin
Client Address:	Level 3, 4 Broadcast Way, Artarmon NSW 2064

2 SITE DETAILS

Inspection Site (the site):	Sydney Modern Project, Art Gallery Road, Sydney NSW 2000
Inspection Date:	29th June 2020
Removal Contractor:	ASP Australia (ASP)
Inspected By:	Michael Tan – Asbestos Assessor Licence No. LAA001397 Patricy Cortes - WHS Consultant

3 OBJECTIVE

Coffey Services Australia Pty Ltd (Coffey) was requested by Richard Crookes to attend the above-mentioned site to conduct asbestos control air monitoring and a clearance inspection as part of the removal of asbestos containing materials (ACM) in the form of remnant external roof membrane material, and caulking to louvre panels and to the main door frame, and numerous materials from the interior of the redundant Ausgrid Substation on the Sydney Modern Project, Art Gallery Road, Sydney NSW 2000 as described in **Section 5** of this report.

The objective of this clearance inspection is to assess whether the works conducted by ASP at the site were in accordance with the standard described in 'Part 3.10: Clearance inspections' of the Code of Practice*: How to Safely Remove Asbestos*, 2019.

Please note that all activities and services provided by Coffey are subject to the Scope and Limitations contained within this report.

4 METHODOLOGY

Coffey's clearance inspection was conducted to the standard described in *section 3.10 – Clearance Inspection* of the *Code of Practice: How to Safely Remove Asbestos,* 2019 and in accordance with in-house method WIFS3.

As part of the clearance process, Coffey conducted a visual inspection and control/clearance air monitoring during the removal works.

Airborne asbestos fibre monitoring was conducted in general accordance with:

- NSW Work Health & Safety Regulation, 2017; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

5 SCOPE OF ASBESTOS REMOVAL WORKS

The remediation works at the site comprised the removal of the following items:

- Exterior, substation, roof membrane and associated adhesive and debris, and caulking to louvre panels and to the main door frame and associated debris as depicted in photographs 6, 7, 8 and 10 - in Photographs (Appendix A) and referenced in the Asbestos and Hazardous Materials Register (Appendix B) in "754-SYDGE234348 Ausgrid Sub External Hazmat RCC Sydney Modern Project" issue on 5th June 2020.
- Interior, Substation, electrical backing boards, NC compound/caulking, flexible grey compound/caulking and HRC fuses internal insulation, as depicted in photographs 1, 2, 5, 7, 10, 12 and 13 - in Photographs (Appendix A) and referenced in the Asbestos and Hazardous Materials Register (Appendix B) in "754-SYDGE234348 Ausgrid Sub Internal Hazmat RCC Sydney Modern Project" issue on 17th June 2020.

Please Note: This clearance certificate refers only to the areas and materials outlined above, which will hereby be referred to as the 'work area'. It is understood that additional asbestos containing moulded fibre cement pipe is present on site, adjacent to and within the concrete slab. Coffey recommends that the future demolition of any building structures in the area should be done with care and with this knowledge in mind. The removal of the asbestos containing moulded fibre cement pipework (if present) in future must be performed under controlled asbestos removal works conditions. Any other asbestos containing materials which may be present at site were not included in this scope of works.

6 RESULTS

Visual Inspection

Coffey inspected the work area on 29th June 2020 and observed that the removal works have been satisfactorily completed, and no visible asbestos dust and debris associated with the above listed removal works remained in the work area in question.

Asbestos Air Monitoring

Coffey conducted control airborne asbestos fibre monitoring adjacent to the work area during the removal works in conjunction with a visual inspection upon completion of the works.

The results from the air monitoring are described in the attached NATA laboratory report (see attached report in Appendix B). It is noted that the results of the air monitoring are less than the laboratory detection limit (<0.01 f/mL).

7 CONCLUSION

Based on the findings of Coffey's clearance inspection and the results returned from the air monitoring analysis, it is Coffey's opinion that the asbestos removal and associated clean-up works conducted by ASP for the above-mentioned scope (**Section 5)** was completed to a satisfactory standard, therefore the work area is deemed suitable for reoccupation.

8 LIMITATIONS

Coffey has conducted work concerning the environmental status of the property which is the subject of this report and has prepared this report on the basis of that assessment.

The work was conducted, and the report has been prepared, in response to specific instructions from the client to whom this report is addressed and in reliance on certain data and information made available to Coffey. The analyses, evaluations, opinions and conclusions presented in this report are based on those instructions, requirements, data or information, and they could change if such instructions etc. are in fact inaccurate or incomplete.

The clearance inspection has been undertaken in accordance with relevant guidelines and standards, and normal industry practice. To the best of our knowledge, they represent a reasonable interpretation of the condition of the site as able to be inspected.

This clearance certificate is not a confirmation that asbestos-containing materials have been removed in their entirety from the site and only relates to the work area and those works specifically described in **Section 5** of this clearance certificate at the time of inspection and subject to the exclusions noted, including inaccessible areas beyond safety boundaries, areas limited by WHS/height restrictions, areas deemed too small to physically access and any other asbestos containing materials which were not a part of this scope of works.

Should any other material suspected to contain asbestos be found at the site, then works should cease and a suitably trained asbestos hygienist should be engaged to sample the material.

COFFEY SERVICES AUSTRALIA PTY LTD

Appendix A – Photographs

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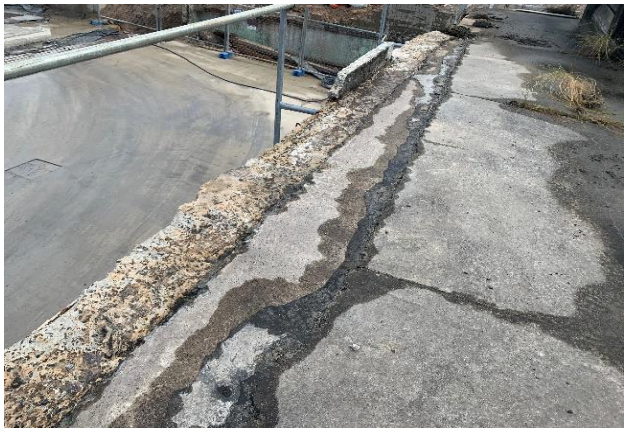
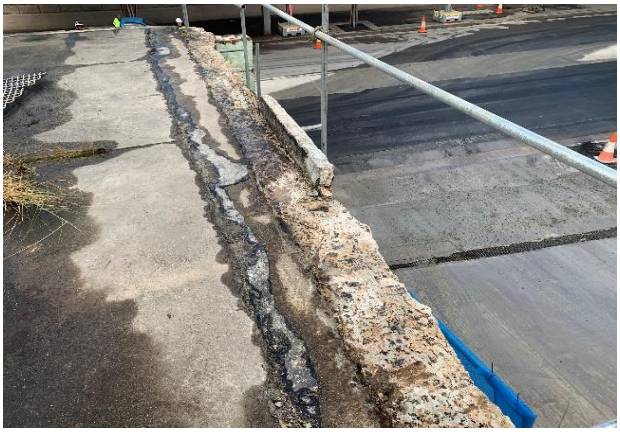
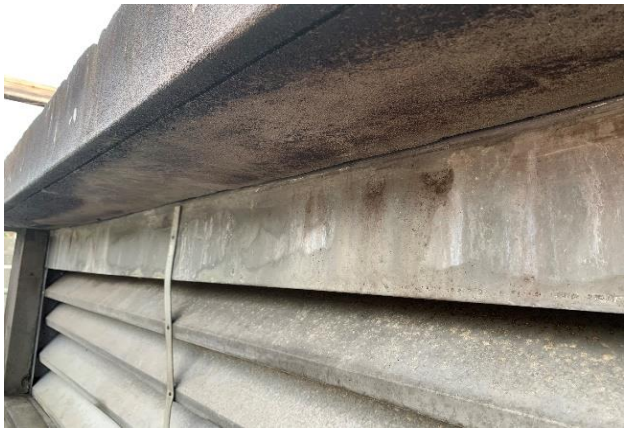
Photograph 1: Exterior, roof, following removal of remnant asbestos-containing bituminous membrane.



Photograph 2: Exterior, roof, following removal of remnant asbestos-containing bituminous membrane.



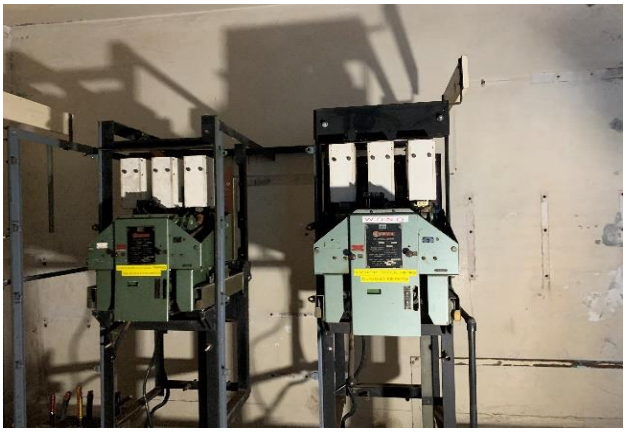
Photograph 3: Exterior, upper roof, following removal of remnant asbestos-containing white/beige caulking to louvres.



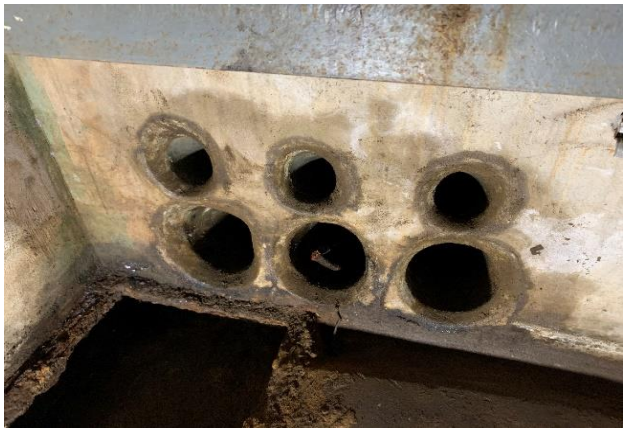
Photograph 4: Exterior, upper roof, following removal of remnant asbestos-containing white/beige caulking to louvres.

Photograph 5: Exterior, doorway following removal of asbestos-containing caulking.

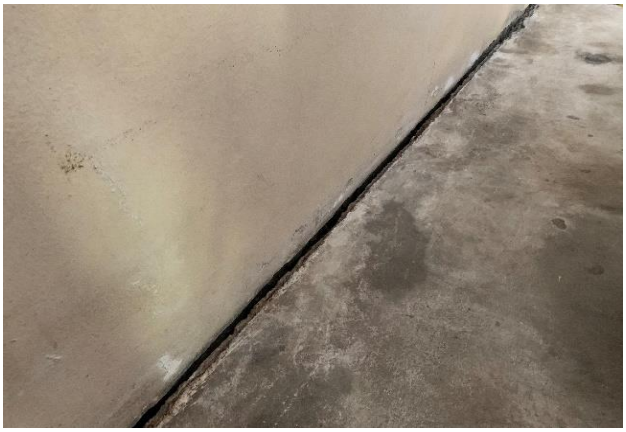
Photograph 6: Interior, switchboard structure following removal works.



Photograph 7: Interior, substation pit, conduit penetrations following removal of asbestos-containing NC compound/caulking.

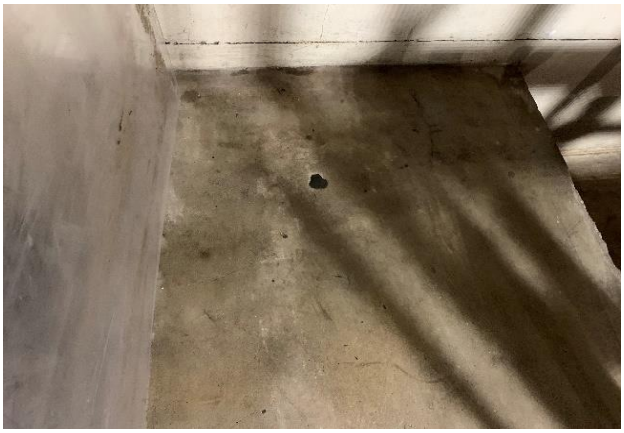


Photograph 8: Interior, base of walls following removal of asbestos-containing flexible grey compound/caulking.



Photograph 9: Interior, substation floor, conduit penetrations following removal of asbestos-containing NC compound/caulking.

Photograph 10: Interior, substation floor following removal of asbestos-containing HRC fuses.



Appendix B - Asbestos Air Monitoring Report

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Analytical Report

Accredited for compliance with ISO/IEC 17025 - Testing
Accreditation No:2220

Job No: **SYDGE234348**
Client: Richard Crookes Constructions Pty Ltd
Client Address: Level 3, 4 Broadcast Way, Artarmon, NSW 2064

Contact: Jesse Moss
E-mail: mossj@richardcrookes.com.au
Date Sampled: 29/06/2020
Date Printed: 29/06/2020
Sampled By: Patricy Cortes
Site: NSW Art Gallery
Art Gallery Road, Sydney, NSW 2000

Airborne Fibre Monitoring

Test Method: Dust particulates collected and filters examined in accordance with The Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres NOHSC:3003 (2005) and in-house method WILAB 2. Fibres counted may include various substances i.e. not necessarily asbestos.

Matthew Tang
Approved Counter

Matthew Tang
Approved Signatory

Slide No.	Location Description	Fibres	Fields	Fibres/mL
A1	EXT, Lincoln Cres Boundary, South east perimeter, adjacent North Wall - on fence	0.0	100	<0.01
A2	EXT, Lincoln Cres Boundary, site entrance point - on gate	0.0	100	<0.01
A3	EXT, Mrs Macquaries Road Boundary - north corner	0.0	100	<0.01
A4	EXT, Mrs Macquaries Road North entry gate - on gate	0.0	100	<0.01
A5	EXT, Site sheds, adjacent lunch room - on door	0.0	100	<0.01
A6	EXT, Site sheds, adjacent first aid office - on door	0.0	100	<0.01
A7	EXT, Site sheds, adjacent main entry - on metal fencing	0.0	100	<0.01
A8	EXT, SE perimeter of western wall of northern tank work area - on fence	0.0	100	<0.01
FB	Field Blank	0.0	100	NA

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