

Project Controls

Master Specification

PC-SI6 Hazardous Materials Survey and Assessment

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PC-SI6 Hazardous Materials Survey and Assessment

1 General

- 1.1 This Part defines the Requirements for undertaking a survey of hazardous materials prior to Works being carried out, or undertaking assessment during the Works as required.
- 1.2 For the purpose of this Specification, the 'Works' can be activities associated with planning, design, supply, construction, maintenance or operation as defined by the Contract.
- 1.3 For the purpose of this Specification, hazardous materials are generally related to, but not limited to, existing buildings, structures and utility service housing. Where hazardous materials debris is identified on ground surface or during excavation, the requirements of PC-SC1 "Site Contamination" will also be met.
- 1.4 Where readily available and accessible to the Principal, reports or registers documenting surveys or assessments of hazardous materials will be provided to the Contractor.

Definitions

- 1.5 The following definitions apply to terms used in this Part:

Table PC-SI6 1-1 Definitions

Term	Definition
WHS Regulations	Work Health and Safety Regulations 2012

2 Contractor's Obligations

- 2.1 The Contractor shall ensure all Hazardous Materials Surveys and / or Assessments, necessary for the execution of the Works, are undertaken.
- 2.2 The Contractor shall undertake any and all Hazardous Materials Surveys and / or Assessments in accordance with the WHS Regulations, the current Code of Practice for the Management and Control of Asbestos In Workplaces, AS/NZS 4361.1:2017 Guide to hazardous paint management, Part 1: Lead and other hazardous metallic pigments in industrial applications, AS/NZS 4361.2:2017 Guide to hazardous paint management, Part 2: Lead paint in residential, public and commercial buildings, and any other applicable work health and safety acts, regulations and guidelines.
- 2.3 The Contractor shall engage a suitably qualified Technical Specialist in accordance with the requirements of Section 3 of this Specification. On behalf of the Contractor, the Technical Specialist shall (where relevant to the Works):
 - a) review the available reports / registers and scope;
 - b) be responsible for scoping all requirements relating to hazardous materials under the Contract;
 - c) undertake all additional surveys, assessments and monitoring, to confirm design assumptions and meet approval requirements to complete the Works, if required; and
 - d) be present at the Site, be involved in processes or be in contact with onsite personnel, whenever the Works may affect hazardous materials.
- 2.4 In addition to the above, the Contractor shall undertake applicable Hazardous Materials Surveys and / or Assessments where:
 - a) existing information is outdated;
 - b) no existing information is available;
 - c) the Works are in relation to, or will affect, areas that have not been included in any Hazardous Materials Surveys and / or Assessments provided by the Principal; and
 - d) the Works are in relation to, or will affect, areas that require additional investigation and / or where hazardous materials may be mobilised, disturbed, relocated or moved off the Site.

3 Technical Specialist

- 3.1 Where required, the Contractor shall provide a suitably qualified Asbestos Specialist. The Asbestos Specialist may be an individual or organisation. The Technical Specialist's personnel will have a sufficient degree of knowledge, skill, expertise and experience to perform its obligations under the Contract.
- 3.2 Where required, the Asbestos Specialist shall provide a SafeWork SA licenced assessor to undertake air monitoring, clearance inspections and to issue clearance certificates during asbestos removal, in accordance with the WHS Regulations.
- 3.3 In addition to the above, the Asbestos Specialist shall ensure that it provides personnel that possess, where undertaking project management or direction activities, at least 5 years' experience in asbestos assessments, investigations, management and remediation on projects of similar scale and nature.
- 3.4 In instances of other hazardous materials, where required, the Contractor shall provide a suitably qualified Occupational Hygiene Specialist. The Occupational Hygiene Specialist shall ensure its personnel are suitably qualified and have a sufficient degree of knowledge, skill, expertise and experience to perform its obligations under the Contract.

4 Asbestos Survey

- 4.1 For the purpose of this Specification, an Asbestos Survey is defined as an investigation that is completed to determine the presence and extent of asbestos, prior to the Works. An Asbestos Register is created from the results of the Asbestos Survey and determines how asbestos is to be managed in relation to the Works and applicable legislation.
- 4.2 Subject to Section 2, the Contractor shall comply with the requirements of this Section.
- 4.3 If not previously completed, an Asbestos Survey shall be undertaken, and an Asbestos Register produced in accordance with the procedures outlined in the current Code of Practice for the Management and Control of Asbestos In Workplaces.
- 4.4 The Contractor shall assess and record the presence and extent of asbestos in accordance with the WHS Regulations and the current Code of Practice for the Management and Control of Asbestos In Workplaces, using a NATA-accredited laboratory.
- 4.5 If any vinyl floor tile samples tested using polarised light microscopy are identified, or recorded in a previous Asbestos Register, as 'non-asbestos', these samples must be re-tested using X-ray diffraction analysis. This may also apply to other asbestos containing materials, as advised by an Asbestos Specialist.
- 4.6 The Asbestos Register must include marked-up building plans or sketch plans, and relevant photographs.
- 4.7 If required, the Contractor shall, based on the findings of the Asbestos Survey, determine the risks relating to the presence of asbestos within the area to be affected by the project and determine the need for further assessment or remediation, in the context of the overall project.

5 Asbestos Removal

- 5.1 Where required, suitably qualified (e.g. licensed and approved by Safework SA) subcontractors shall be engaged to undertake the removal of any asbestos located on Site. Requirements for licencing of removal subcontractors shall be in accordance with the WHS Regulations with regard to friable and non-friable asbestos, and asbestos containing dust. Any asbestos removal from buildings must be completed by a Contractor on the Department Prequalification for Building Work – Trade / Subcontractor – Demolition and Asbestos Removal (available from here: https://www.dpti.sa.gov.au/contractor_documents/prequalification), in accordance with the Department's Policy DP049 WHS&W Asbestos Management.

- 5.2 All asbestos removal shall be undertaken in accordance with the current Code of Practice for the Safe Removal of Asbestos, the current Code of Practice for the Management and Control of Asbestos In Workplaces and any other applicable work health and safety acts, regulations and guidelines.
- 5.3 All asbestos removed shall be transported by an appropriately EPA licensed transporter and disposed of at an EPA licensed facility.
- 5.4 Asbestos removal subcontractors shall be separate to the Technical Specialist who undertakes an asbestos survey.

6 Lead Paint and Other Hazardous Materials

- 6.1 Where lead paint or other hazardous materials are identified, suspected or unknown, the Contractor shall:
 - a) undertake assessments of the materials in accordance with the applicable Australian Standards;
 - b) take precautions to avoid exposure to personnel in accordance with the WHS Regulations and applicable Australian Standards; and
 - c) where hazardous materials are confirmed to be present, undertake the Works in accordance with the WHS Regulations, Code of Practice for Abrasive Blasting, the Code of Practice for Demolition Work and applicable Australian Standards.

7 Hold Points

- 7.1 There are no Hold Points referenced in this part.
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