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Certified Practitioner: Site Assessment & Management competencies (CP: SAM)

- 1. The nature, causes and significance of site contamination.**
 - Types of industries, and uses and contaminants.
 - The effect of geological, hydro-geological, and environmental settings.
 - The significance of built environments on site contamination.
 - The fate and transport of common contaminants.
 - The primary sources for assessing significance of contamination.
- 2. Preliminary site assessment of contamination.**
 - Planning and contextualising assessments.
 - Site inspection and assessment practices.
 - Conduct of a site history.
 - Conceptual Site Model incorporating all environmental settings.
 - Provision of advice on contamination risk.
- 3. Detailed site assessment involving the characterisation of contamination.**
 - Data quality objectives and quality assurance practice.
 - Sampling methodology, design for contamination in soils, groundwater, vapour, surface water and sediments.
 - Documentation and management of data.
 - Assessing the significance of contamination.
 - Validation of a site following remediation works.
- 4. Risk assessment of site contamination.**
 - Criteria and legislative requirements.
 - Risk assessment framework.
 - Ecological and human health risk assessment.
 - Understanding of use and limits of risk assessment models.
- 5. Remediation and management approaches.**
 - Remediation and management options.
 - Remediation/management frameworks.
 - Developing site specific remediation/management objectives.
 - Handling remediation-generated waste.
- 6. Professional practice relevant to consulting on contaminated site issues.**
 - Adherence to ethical obligations and standards.
 - Sound project management practices.
 - Legislation relating to contaminated sites.
 - Health and safety management.
 - Writing complete, relevant and understandable technical reports.
 - Risk communication with all stakeholders.
 - Basics of contract law and contract management.

FIND A CP SAM:

<http://scpaaustralia.com.au/directory/>

Locate a CP SAM:

<http://scpaaustralia.com.au/directory-map/>

Contact SCPA

Phone: 08 8302 3933

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ABOUT SCPA

<http://scpaaustralia.com.au/resources/>

Training & Professional development opportunities:

<http://scpaaustralia.com.au/events/>





SCPA

Site Contamination
Practitioners Australia



WHAT IS SCP AUSTRALIA CERTIFICATION?

Site Contamination Practitioners Australia (SCP Australia) was launched in November 2014 after 2 years' consultation with industry, regulators and consultants to address the concerns of sector consumers about variable and sometimes poor quality service provided by practitioners. It is an initiative of The Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC CARE) with broad support from the contaminated site sector.

SCP Australia certification recognises the technical knowledge and skills of contaminated site practitioners against a standard benchmark of competencies. By practitioners, we mean contaminated site professionals who are able to conduct the full scope of assessment, management and remediation of a contaminated site to a satisfactory level of competence. Certification provides an assurance in quality of work for end users and regulators, and also provides career and professional development pathways for practitioners.

SCP Australia certified practitioners demonstrate technical knowledge and experience in six key competencies;

- The nature, causes and significance of site contamination
- Preliminary site assessment of contamination
- Detailed site assessment involving the characterisation of contamination
- Risk assessment of site contamination
- Remediation and management approaches
- Professional practice relevant to consulting on contaminated site issues.

These six key competencies represent a widely acceptable standard benchmark. Applicants who successfully meet the criteria for SCP Australia certification are awarded the title **Certified Practitioner: Site Assessment and Management (CP SAM)** and are provided with a unique certification number and named seal.

COMPLAINTS & CONDUCT REVIEW

Maintaining the quality of professional standards of service for industry and regulators is a key feature of the SCP Australia scheme. Instances where practitioners may have operated in breach of the professional practice standards or the SCP Australia ethical and professional conduct policy may be reported to SCP Australia, which will coordinate an investigation and review the practitioner's certification.

More information: <http://scpaustralia.com.au/about/policies-and-procedures/>

ELIGIBILITY FOR SCPA CERTIFICATION

Applicants seeking certification with SCP Australia will need 5 years full time professional practice in contaminated sites, 3 years of which must be in roles with direct responsibility for the assessment, management and remediation of contaminated sites. All this experience must be within the last 10 years. Intending applicants will also need to have completed either undergraduate or postgraduate qualifications in a related science or engineering discipline. Intending applicants with different qualifications are encouraged to contact SCP Australia for further feedback.

More information available at: <http://scpaustralia.com.au/certification/apply-for-certification/>