



ADE
CONSULTING
GROUP

CAPABILITY STATEMENT 2013



OUR COMPANY

A. D. Envirotech Australia Pty Ltd (ADE) is a high calibre group of independent environmental scientists and engineers who provide a wide range of services including site contamination assessments, air and water quality assessments, asbestos inspections, laboratory services, hazardous materials surveys, waste classifications, geotechnical services, occupational health and safety services, project management and site remediation.

The ADE staff of professionals includes environmental scientists, engineers, geochemists, hydrogeologists, project managers, chemists, laboratory technicians and industrial hygienists ready to assist you with your environmental and occupational health and safety needs.

OUR MISSION

ADE's mission is to be a leading provider of environmental services in Australia.

ADE is dedicated to helping our clients' business succeed, not only by providing quality service, but also by supporting their business interests. We recognise that our clients value responsiveness, quality and accountability. We constantly strive to increase quality, knowledge and efficiency whilst consistently exceeding our clients' expectations.

Since 1997, we have been helping companies and businesses protect their workforce, the environment and the public while meeting regulatory guidelines.

We work not only to solve problems that have occurred, but to provide proactive and technical recommendations to eliminate potential problems before they occur.

Key Benefits:

- Fully integrated environmental and occupational health and safety services,
- In-house NATA accredited laboratory,
- Accredited Quality Management System,
- Dedicated expertise

MANAGEMENT SYSTEMS

WORK, HEALTH & SAFETY POLICY

ADE recognises its moral and legal responsibility to provide a safe and healthy working environment for its employees and the general public.

ADE is responsible for providing the means to enable every employee to work safely, including, but not limited to, the requirements laid down by Australian law. ADE, along with its nominated subcontractors, is committed to ensuring that in all areas, everything reasonably possible is done to prevent injury and ill health.

All employees are responsible for their actions and are required to do everything possible to prevent injury to one's self and fellow employees by respecting all aspects of health and safety legislation.

QUALITY ASSURANCE POLICY

ADE will produce and deliver products and services that consistently conform to or exceed our customers' expectations.

We will pursue continual improvements in all our systems and processes to achieve preferred supplier status.

Improvement will be gained through our commitment to our integrated management system which complies with ISO9001 / ISO 17025, AS 4801 and ISO 14001 standards.

We will encourage the involvement of all employees in an environment that promotes initiative and innovation.

We will accomplish our business objectives as a responsible and ethical member of our community, sensitive to the social and environmental impact of our actions.

Our employees understand and comply with our quality policy.

ENVIRONMENTAL POLICY

ADE is committed to environmental protection, and will conduct its business and promote its services in a manner that protects people and their environment.

ADE is committed to:

- Minimising the environmental impact of our operations.
- Minimising the risk of accidental releases into the environment, reducing the impact of such releases should they occur, and monitoring the discharge of all other wastes and emissions which may harm the environment.
- Encouraging reduction, reuse and recycling in all our activities.
- Purchasing environmentally friendly products from suppliers who respect the environment.
- Ensuring our employees, subcontractors and suppliers adhere to our environmental policies.
- Protecting the health and safety of our employees, contractors, customers and the community in which we operate, and in compliance with all relevant legislation and applicable requirements.
- Participating with governments, customers, the public and other interest groups to advance environmental protection.
- Reporting regularly to our directors, shareholders, employees and the public on our environmental status and performance.

All employees and subcontractors will be expected to adhere to the relevant environmental requirements and are also encouraged to report any breaches to management so that appropriate action can be taken.

All employees will be educated, trained and inducted in environmental issues as necessary during the course of their employment.

ADE considers environmental management to be an integral element in the management of responsibilities and will strive to continuously improve its performance in this regard.

OUR SERVICES

ENVIRONMENTAL SERVICES

A. D. Envirotech Australia has over 15 years experience in a comprehensive range of Environmental Services specifically tailored to address EPA requirements and guidelines.

ADE appreciates the financial burden of environmental projects imposed on our clients and strives to minimise costs by exploring practical alternatives or by developing unique site-specific methodologies that best meet our clients' needs.

- Contaminated Site Assessment and Management
- Stage I- Preliminary Site Investigations (PSI)
- Stage II- Detailed Site Investigations (DSI)
- Stage III- Remedial Action Plans (RAP)
- Stage IV- Validation and Site Monitoring (VAL)
- Service Station Investigations
- Site Remediation
- Waste Classification Reports
- Groundwater Assessment
- Acid Sulphate Investigations and Management
- Ambient Air Quality
- Geotechnical Services
- Compaction Testing

HEALTH AND SAFETY SERVICES

ADE conducts Health and Safety Risk Assessments for many types of workplaces and industries. ADE's Risk Assessment process is designed to examine specific procedures and their applications within the workplace to identify non-compliances with reference to health and safety legislation; codes of practice; standards; and policies and procedures. Once a risk has been quantified, the appropriate level of control can be introduced to minimise harm.

- Hazardous Materials Surveys
- Asbestos and Hazardous Materials Identification and Management
- Microbiological Assessments, Management and Monitoring
- Employee Exposure Assessments
- Lead Abatement, Removal and Management
- Project Management- Removal Specification
- Indoor Air Quality
- Airborne dust, vapour, fume and mist Assessments
- Noise Assessments.

ASBESTOS SERVICES

Asbestos used to be frequently employed in a variety of building materials for insulation and as a fire retardant. Today it is found most commonly in older structures - in walls, ceilings, pipes, furnaces, millboard, textured paints, coating materials and floor tiles.

Asbestos is a family of naturally occurring silica compounds (similar to, but not the same as, the silica of window glass and computer chips). There are three commonly available types of asbestos:

- Chrysotile (white asbestos),
- Amosite (brown asbestos), and
- Crocidolite (blue asbestos).

All three have been associated with cancerous and non-cancerous lung disease.

ADE is a recognised leader in Hazardous Materials Identification, Management and abatement and houses its own NATA-accredited laboratory for:

- i. Membrane Filter Method for Estimating airborne Asbestos
- ii. Qualitative Identification of Asbestos, SMF and Organic bulk samples

Air monitoring for asbestos is a mandatory procedure during asbestos removal operations. Monitoring must be conducted in accordance with the Worksafe Australia Guidance Note on Membrane Filter Method for Estimating Airborne Asbestos Fibres 2nd Edition [NOHSC:3003(2005)].

LABORATORY SERVICES

The ADE laboratory has been providing high quality analytical testing services since it was established in October 2000.

ADE offers a wide array of analytical testing services to support environmental investigations focused on asbestos, industrial hygiene, water, soil, air, microbiology, organic and inorganic environmental chemistry.

Our specialised team of analytical chemists, geo-chemists and environmental scientists coupled with ADE's focus on customer satisfaction ensures that clients receive accurate, fast and high quality results with competitive prices.

To the best of our knowledge, we are the only environmental consultancy firm in Australia with NATA accreditation for asbestos monitoring, asbestos identification, soil organics and inorganics analysis as well as a full complement of geotechnical tests including compaction testing. This combination of an accredited, analytical laboratory with the capabilities of an experienced team of engineers and consultants enables ADE to provide its clients with the highest quality output with the shortest of turnaround times.

Our range of laboratory services includes:

- Asbestos
- Soil
- Water
- Air
- Industrial hygiene
- Waste
- Microbiology

ACCREDITATION

The National Association of Testing Authorities (NATA) is a world recognised accreditation body providing a means of determining, recognising and promoting the competence of facilities to perform specific types of testing, measurement, inspection and calibration. On-going procedure development and method performance reviews increase the analytical testing capabilities of our laboratories.

ADE possesses an in-house NATA Accredited Laboratory complying with the requirements of ISO 17025:2005.



ACCREDITATION
WORLD
RECOGNISED

We are accredited for the following procedures:

- Asbestos Fibre Counting (Membrane Filter Method)
- Asbestos Identification (Bulk ID)
- Lead tests in paints and related surface coatings
- Ambient air and dust analysis
- Constituents of the environment (inorganics) in non-saline water, soils and sediment, including leachate procedures
- Organics in both soils and water
- Geotechnical testing



ADE strives towards expanding our laboratories' range of analytical testing capabilities and world recognised NATA accreditation through methodical development and regular procedural performance reviews.

GEOTECHNICS

Geotechnical investigation and design are a fundamental component of many of our clients' projects. The primary goal of geotechnical work is to ensure the stability and integrity of structures formed in, on or of geological materials. Our geotechnical services team commissions and undertakes investigations and detailed assessments to achieve this goal. This work minimises any associated short and long term geotechnical risks.

The geotechnical services provided by ADE range from straightforward desk studies to advanced numerical modelling of ground deformations. We work closely with our client's team to define suitable ground investigation and laboratory testing programmes. We also have an extensive range of software allowing analyses to be undertaken of:

- Slope stability
- Rockfall risk
- Flowslide behaviour following slope failure
- Ground deformations resulting from excavation and/or loading
- Groundwater response to excavation and/or loading, and
- Groundwater response to surface infiltration.

GEOTECHNICAL ENGINEERING

Our geotechnical services team offers assessment and design solutions in all the traditional areas of geotechnical engineering. The team works closely with clients or other technical teams within the company to define ground investigation programs according to the specific project requirements. The information gathered is then used to undertake the analyses to support or develop the design proposals. Assessments are carried out in the following areas:

- Soil and rock slope stability;
- Reinforced earth and ground support;
- Foundations;
- Retaining walls;

- Embankments;
- Remediation design for failed or dangerous slopes;
- Ground subsidence; and
- Ground deformation and structure response.

CLIENT FOCUS

ADE works with a broad variety of high profile clients, successfully tendering for and carrying out projects which require complex technical planning and application. ADE's consultants deliver practical solutions, providing fast and cost-effective results limiting liability to our clients.

ADE is dedicated to helping our client's businesses succeed, not only by providing quality service, but also by supporting their business interests. We recognise that our clients value responsiveness, quality and accountability. We constantly strive to increase quality, knowledge and efficiency while consistently exceeding our client's expectations.

ADE is recognised by the EPA and WorkCover, having proven skills with a commitment to the highest quality standards. All of our environmental and occupational health and safety projects have successfully passed scrutinised EPA and WorkCover audits.

ADE has managed over 4500 environmental projects. To see some of our recent projects please visit our website www.adenvirotech.com.au.

MAJOR CLIENTS

- APP Corporation
- Boulderstone Hornibrook
- Boral
- Caldis Cook
- Cardinal Projects
- City of Sydney Council
- Commonwealth Bank of Australia
- Department of Commerce
- Department of Housing
- Endeavour Energy Supplier Panel
- Energy Australia
- Epping to Thornleigh Third Track (ETTT) Alliance
- Fire & Rescue NSW
- Honeywell
- John Holland – Moorebank Unit Relocation
- Kingsgrove to Revesby Alliance (K2RQ)
- Laing O'Rourke – Port Botany Expansion
- Leighton Contractors
- Murrumbidgee Irrigation Renewal (MIA) Alliance
- Novorail Alliance – Auburn Junction and 7U4 Feeder Project
- North Strathfield Rail Underpass (NSRU) Alliance
- NSW Police
- NSW Public Works
- O'Donnell Griffin
- PCA Tyco
- Prime 7
- Rail Corporation (RailCorp) NSW
- Richmond Line Alliance (RLA)
- Shell
- Simpson Group – Sydney Opera House upgrade
- Spotless
- Southern Sydney Freight Line
- Sydney Catchment Authority
- Sydney Light Rail
- Sydney Water
- Transport Infrastructure Development Corporation (TIDC)
- Transfield Services
- Transport for NSW
- Trivett Group
- Universal Communications Group
- Warringah Council
- Westmead Hospital

CONTACT US

A.D. Envirotech Australia Pty Ltd

A.B.N: 52 093 452 950

Head office

Unit 4, 10-11 Millennium Court,

Silverwater NSW 2128

(02) 9648 6669

Ross Nefodov (Managing Director)

Email : r.nefodov@adenvirotech.com.au

Brisbane Office

60 Brindabella Cl

Coomera QLD 4209, Australia

(07) 5519 4610

Allen Dobrovolsky (Executive Director)

Email: a.dobrovolsky@adenvirotech.com.au