

HAZKEM

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HAZKEM PTY. LTD.
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LPG & FUEL SYSTEMS DESIGN
SERVICE STATION & DEPOT DESIGN
DANGEROUS GOODS CONSULTING

PHIL KEMM CV

PROFESSIONAL ORGANISATIONS

Member **AIDGC**, (Australasian Institute of Dangerous Goods Consultants) – since inception in 2002, accredited in Classes 2, 3, 6.1, 8, and 9

Member Australian LP Gas Association – since 1992

ACCREDITATION STATUS

Accredited by Western Australian Government, Department of Mines and Petroleum, Resources Safety Division as an approved person for the purpose of assessing and endorsing applications for the storage of the following classes of Dangerous Goods: Class 2.1, 2.2, 2.3, 3 (including C1 Combustible Liquids), 6.1, 8 and 9 – Bulk and Packages.package and bulk.

Previously accredited by New South Wales State Government, WorkCover Authority, Chemical Management branch for the assessment of Dangerous Goods storage of Class 2.1 Flammable Gases and Class 3 Flammable Liquids, storage types, Tank & Bulk storage Cylinder and Package stores. Industry type; Petroleum, Service Stations, terminals. The accreditation system in NSW has recently been rescinded.

General designs covered accommodate classes 2, 3, 4, 5, 6, 8 and 9

QUALIFICATIONS

Advanced Diploma, Mechanical Engineering, (Kangan Batman TAFE),
Certificate of Technology (Swinburne) Mechanical Engineering

DIRECTORSHIPS

Sole Director – HAZKEM PTY LTD a consulting company specialising in storage and handling of Dangerous Goods.

HAZKEM OPERATION 1991 – CURRENT

Hazkem was formed in 1991 and performs many diverse works in storage and handling of all types of Dangerous Goods. Hazkem has 3 staff comprising 1 CAD operator, 1 clerical staff and 1 technical person.

Works include:

Fuel system design and audits at Olympic Dam for BHP Billiton,

Fuel system auditing at Mt. Isa mines for Xstrata,

Bulk fuel system design,

Solvent storage system and design,

Design of LPG and Flammable liquid storage systems,

Bulk LPG systems and cylinder filling plants

Warehouse design,
Caustic and acid storage design,
Liquid/refrigerated gas storage design
Chlorine storage design,
Design of fixed water deluge systems,
- Liaise with local government for Planning Approvals.
- Liaise with State Government authorities for approval and licensing of LPG and fuel storage plants.
Phil Kemm has a close relationship with persons in all State authorities in Australia.
Works on gas reticulation system at Tidal River for Elgas.
On going site installation inspections for BP asset management.
On site works include issuing of Hot / Cold Work permits for safe works on fuel storage sites.

1987 -1991 Contracted to Esso Australia Ltd (Exxon) in the engineering department Melbourne. Designing, tendering, and liaising with local and state governments for LPG and fuel storage installations at both service station and depots. Works throughout South Eastern Australia. Projects covered design of both above and below ground storages of LPG and fuels. Contract ceased with retail purchase of Esso by Mobil Oil Australia.

1983 -1987 Contracted to Shell Australia Ltd in the LPG division (Gogas Australia) Works covered design and specification preparation. Liaison with local and state authorities. Oversee of project installation.
Design of project installation.
Design of Butane/Propane blending facility at Pinkenbah terminal.

OTHER

Phil Kemm has recently been working with the Victorian branch of the ALPGA on the Safety and standards group. Works with this group have included:
- Responses/ comment on Daft Australian Standard revisions.
- On site training of all staff in the safe operation of LPG dispensing equipment.

INSURANCE

Hazkem Pty Ltd currently carries professional Indemnity Insurance to the value of \$1,000,000.00 , and public liability insurance to the value of 10,000,000.00 underwritten by Lloyd's of London.

CLIENTS

Current cliental includes:

Mobil	BP
Shell co of Australia	Kleenheat Gas
Elgas	Unigas
United Petroleum	Supagas
Vitalgas	BHP Billiton
Linfox	Caltex
Xstrata	Woolworths
Grocon	Origin
7 Eleven	
Cement Australia	

COMPANY ABILITIES

Hazkem can readily assist in any engineering projects associated with the petroleum industry, fuel and DG storage, including such diverse works as:

Design documentation – drafting

Fuel systems

DG storages

Layouts

Specifications

Site audits and/or inspections

Reports and DG compliance issues

Planning applications – all states

Contractor liaison

Fire authority applications

DG risk assessments and hazard analysis - as required by regulation

Building approvals – all states

Technical Procedures

DG Legislative advice

Project supervision

Or any other DG or fuel system requirements

Signage design

Signage Permitting

Work Permit authorization, inc Confined Space

REFEREES

Jorge Chaparro BP Australia 0437 105 873

David Anderson Supagas 0419 103 572

Adam Charley Xstrata Copper 0412 389 413