D. Oehlmann & Associates

CHEMICAL AND ENVIRONMENTAL ENGINEERS

Consulting

Design

Installation

Commissioning

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D. Oehlmann & Associates-Industrial Technology

D. Oehlmann & Associates is a dynamic Consulting Chemical Engineering company whose strengths lie in the ability to respond to our clients need. Our company offers:

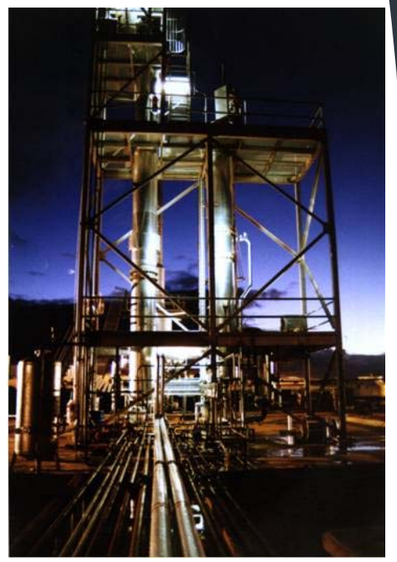
- Independence
- Flexibility
- Impartiality
- Integrity
- Objectivity

Our company has links to outside resources to allow complete packages to be developed for the client.
The company is able to take on projects ranging from feasibility studies through to process design and implementation, as well as complete turnkey projects.

Specialised capabilities

D Oehlmann and Associates is able to offer the following specialised services:

- Process Design.
- Project Management.
- Specialist advice on waste disposal and reduction in both liquid and solid waste.
- Odour control techniques.
- Solvent recovery processes.
- Distillation Processes.
- Advice on compliance issues.
- Design of industrial waste treatment plants.
- EPA and Dangerous goods applications.
- Project management of site remediation.
- Computer modeling of atmospheric discharges.



CHEMICAL CLEANING

Chemical cleaning is a specialty area of D. Oehlmann and associates.

Chemical cleaning experience includes:

- Instrument air plant pre-commissioning.
- Boiler clean
- Hot Oil Systems.
- Benzene tank cleaning.
- Heat exchangers.

Industries serviced:

- Petrochemical
- Gas.
- Chemical storage.
- Cosmetic industry.
- Chemical manufacturing.

Flexible solutions for your business needs

WASTE

Our Company has wide-ranging experience in industrial waste disposal. We have designed, project-managed, commissioned and advised several major waste treatment facilities around Australia. Specific projects in this area include:

- Industrial Waste Plant (Melbourne)
- Industrial Waste Plant (Sydney)
- Shepparton Prescribed Waste Plant
- Sita Grease Trap (Campbellfield)

PETROCHEMICAL/COAL

One of the first major projects our company carried out was the complete design, installation and commissioning of a small 200 t/day petrochemical refinery (see details in Key projects overview on website www.do-it.com.au).

D Oehlmann & Associates have extensive experience in:

- design of distillation processes,
- the use of centrifuges and decanters for waste oil recovery,
- risk assessment and design of explosion protection systems for coal processing plants.

Key projects include:

- 200 t/day petrochemical refinery producing diesel and solvents.
- Risk assessment of Coal Briquetting Plant in Indonesia.
- Explosion mitigation design of Coal Briquetting Plant Indonesia
- Coal Gasification Plant development
- Oilfield Oil recovery process for Santos

FOOD/BIODIESEL

D. Oehlmann and Associates have experience in both food and biodiesel processing.
Projects carried out in the food industry include milk processing plants through to edible oil re-treatment plants.
Working in the petrochemical and waste solvent recovery fields has resulted in experience in the handling of flammable materials, a key component in biodiesel manufacturing.

Relevant projects include:

- Biodiesel Plant – Batch, 30 t/day (Greenfuels Pty Ltd).
- Glycerol Methanol Recovery Column - Continuous distillation column, 10 t/day (Greenfuels Pty Ltd).
- Pressure Leaf Filter for bleaching (Smorgans).
- Steam Reticulation and water recovery system - Re-engineering of factory steam reticulation system and reverse osmosis water recovery system. (Nugans).
- Artificial Sweetener Development in conjunction with CSIRO of a commercial scale manufacturing of a ferment product suitable for sugar substitution.

COMPLETE TURNKEY PLANTS

Being aware of the growing labor costs associated with onsite work and installation, our company is increasingly providing skid mounted equipment ready for commissioning.

EQUIPMENT SOLUTIONS.

With wide-spread knowledge of equipment suppliers, D Oehlmann & Associates can source equipment from overseas and locally to work within the client's budget constraints.