

Dangerous Goods Services



“We offer comprehensive strategies to minimise risks associated with the storage and handling of dangerous goods”



Executive Summary

OTEK offers a comprehensive strategy to minimise the risks associated with the storage and handling of dangerous goods in the whole of life of a facility. OTEK can assist clients that are considering a new storage facility, those whose facility may be subject to legislation changes requiring upgrades and those considering decommissioning a facility in a safe and environmentally friendly manner.

Dangerous Goods are substances that may be corrosive, flammable, explosive, spontaneously combustible, toxic, oxidising or water reactive.

Dangerous Goods can cause serious injury or death and significant damage to property and the environment.



Our Experience

OTEK's Dangerous Goods Experts situated strategically in all offices have a combined industry experience of over 100 years in fuels, LPG and hydrocarbon areas. Over the years our team has acquired expertise in dealing with a variety of issues relating to the following classes:

- Class 2.1 Flammable Gasses
- Class 2.2 Compressed Gasses
- Class 2.3 Toxic Gasses
- Combustible Liquid Class C 1, C2
- Class 3 Flammable Liquids
- Class 4.1 Flammable Solids
- Class 5.2 Organic Peroxide
- Class 5.1 Oxidising Agents
- Class 6.1 Toxic Substances
- Class 8 Corrosive Substances
- Class 9 Miscellaneous

In addition to the above, we have managed licensing and storage of Ammonium Nitrate, Emulsions, Detonators and magazines for mine sites.

Management of Dangerous Goods



Key areas OTEK can assist with are:

Approvals

- Licensing and preparation of applications
- Council applications
- Preliminary hazard analysis
- Transport study

Risk Assessments

- Hazard identification, Hazop
- Risk assessment, control of risks
- Qualitative and quantitative risk assessments

Legislative Compliance Audits and Advice

- Gaps analysis and design options
- Commercial feasibilities of engineering controls and management systems

Design and Engineering

- Drafting, specifications
- Tender packages



Project Management

- Construction management
- Work permits
- Inspection and test plans

Operating and Maintenance Systems

- Operating and maintenance procedures
- Hot work permits
- Health and safety plans
- Job safety analysis

Transport and handling of Dangerous Goods

- Compliance assessments to ADG code
- Transport of DG by road and rail
- Design of road and rail containers
- Labelling and placarding

Training

- Safe handling of product and equipment
- Responsibilities and duties of operators and maintainers
- Customised training packages



Issue 1	Date 15 July 2011
---------	-------------------



For more information about OTEK's capabilities and services, please contact your local OTEK office or visit our website at www.otek.com.au.

OTEK National Office

Level 1, 222 St Kilda Road, St Kilda, VIC 3182 Australia **T:** +61 3 9525 5155 **F:** +61 3 9593 8555

Melbourne, Sydney, Brisbane, Perth, Adelaide, Beijing and Shanghai OTEK office contact details can be found on the OTEK website.

© Copyright 2010 OTEK Australia Pty Ltd. All Rights Reserved.

otek.com.au