



TRAINING

DANGEROUS GOODS COURSE Storage & Handling (1 Day)

ERS provides health, safety, security and environmental (HSSE) risk management and training services to a national and international client base including clients from small firms and Major Hazard Facilities (MHFs) across a variety of industry sectors. We believe all business operators can make a difference.

There is increasing demand for the rigorous analysis and management of hazards such as the storage and handling of Dangerous Goods (DGs). These demands are through corporate goals, community expectations and regulations with the goal of minimising the level of risk associated with the storage and handling of DGs to 'as low as reasonably practicable' (ALARP). This course assists organisations meet these requirements which forms part of overall Due Diligence.

AIM	The Dangerous Goods course is designed to assist attendees to understand the hazardous nature of DGs, risk management strategies, regulatory requirements and continuous improvement. Thus enabling attendees to gain knowledge to enable implementation of DG risk management strategies aimed at safeguarding people, assets and the environment.	
TARGET AUDIENCE	Anyone accountable for assessment and management of DG Risks and Hazards in the organization including: Operations, Design and Project Engineers; Engineering & Maintenance Supervisors and Managers; Safety personnel.	
OUTCOMES & COURSE CONTENT	DG Risks <ul style="list-style-type: none"> • Understanding potential consequences of DG incidents/accidents: heat radiation, BLEVE, toxic gas dispersion, blast overpressure • Understanding DG classification system • Understanding DG Packing Group system • Ability to read an MSDS • Corporate goals, due diligence, regulatory requirements and responsibility • Compatibility aspects • Relationship to other regulations 	DG Management <ul style="list-style-type: none"> • Hierarchy of controls • Layers of protection • Placarding and signage • Segregation • Separation • Bunding • DG Risk Assessment process • Engineering Plan • Regulatory requirements – risk management & evidence thereof • Safety Management System (SMS)
PRESENTERS	Trainers are skilled practitioners of the course content and highly effective trainers. They have extensive hands-on experience with managing risk and changes for onshore and offshore industries ranging in size which enables them to bring real-life scenarios and practical discussion to the training. Lead trainers are accredited and hold qualifications as required under the Australian Qualification Training Framework.	
DELIVERY	Delivery is a combination of presentations, interactive workshops, practical exercises (some simulating job situations) and case studies with participation and discussion by attendees actively encouraged. The delivery methods combine to reinforce the concepts of the modules. Participants are provided with a hard copy of the Training Manual which is referred to throughout the training.	
ASSESSMENT	Written and presented individual and group exercises are undertaken regularly throughout the courses.	

Public/Private Courses

ERS provides both public courses (attended by personnel from various companies and industries) and private courses (attended by personnel from one company).

Private courses can be tailored to make them more relevant to the client's operations. Where a company has sufficient numbers for a private course, this is generally considered the most effective approach as it can be scheduled to suit the availability of personnel identified for training, reduces the amount of travel for company personnel and if requested, allows for tailoring of the course material to the needs of the company.



OTHER COURSES provided by ERS include:

- Dangerous Goods
- Emergency Response Planning
- Hazard & Operability (HAZOP) (Participants)
- HAZOP (Leaders)
- Quantitative Risk Assessment
- Change Control
- Risk Management
- Risk Identification Techniques
- Environmental Awareness

ERS SERVICES

RISK MANAGEMENT SYSTEMS

- *Integrated Risk Management Systems (safety, environmental, quality and asset)(IRMS)*
- *Safety Management Systems (SMS)*
- *Environmental Management Systems (EMS)*

SAFETY

- *Quantitative Risk Assessments (QRA)*
- *Hazard Registers*
- *Fault Tree Analyses (FTA)*
- *Hazard and Operability Studies (HAZOP)*
- *Emergency Response Planning (ERP)*
- *Dangerous Goods - Storage assessment, design and endorsements*
- *Other Studies (What if?, Failure Mode and Effect Analysis (FMEA), Hazard Identification (HAZID))*

ENVIRONMENTAL/SAFETY AUDITING

- *Systems Audits*
- *Compliance Audits*
- *Due Diligence Audits*
- *Major Hazard Facility Safety Report Audits*

ENVIRONMENTAL MANAGEMENT

- *Environmental Impact Assessments (EIA)*
- *Public Environmental Reviews (PER)*
- *Environmental Management Plans (EMP) and Programmes*
- *Emission/Pollution Inventories, NPI*
- *Environmental Aspect Registers*
- *Environmental Approvals*

AIR QUALITY/ATMOSPHERIC DISPERSION

- *Dispersion modelling*
- *Design review*
- *Monitoring requirements*

MAJOR HAZARD FACILITIES / SAFETY CASE

- *Offshore/onshore case for safety*

INCIDENT INVESTIGATIONS

SAFTY / ENVIRONMENTAL TRAINING

COURSE DATES
2013

Perth
As per request

REGISTRATION

PLEASE FORWARD COMPLETED REGISTRATION TO: **Ph: 08 9364 4832**
Fax: 08 9364 3737
Email: training@ers.com.au

Course :	Title:	Location:	Date:
Attendee:	Name:	Position/Job Title:	
	Company:		
Contact Details:	Address:		
	Phone:	Fax:	
	Email:		
Company Contact Details (Authorising Person):	Name:	Position/Job Title:	
	Phone:	Fax:	
	Email:		

Duration: DG Storage and Handling Course Study is 1-Day

Fee: \$1,100 per day per participant (excl. of GST) includes: training materials, training manual, lunches and refreshments. Fees to be paid in full prior to commencement of course to ensure admission to the course.

Cancellation: Available refunds: up to 2 weeks prior to course commencement date - full refund; 1 weeks - 50%; Within 1 week - no refund. However, a paid enrolment can be allocated to another person. ERS reserves the right to cancel a course should the number of paid bookings be less than the minimum number required for the course. In the event of ERS cancelling a course, liability will be limited to the refund of the paid course fee.

Payment: Payment to be made in full by providing following with registration form:

CHEQUE: Payable to Environmental Risk Solutions Pty Ltd ABN: 54 071 462 247

INVOICE AS PER ATTACHED PURCHASE ORDER: P/O No.

