



Course Brochure

Course Title: *Explosive Safety Course on Storage & Transport*
Course ID: *ECS-S&T*
Date: *To Be Scheduled (TBS)*
Venue: *To Be Determined (TBD)*
Course Fees: *To Be Negotiated (TBN) – Based on Class Size*

Course Description

This course is developed for those who are involved in the storage and transport of explosives substances & articles (ESA) in Singapore context. The course will cover a wide spectrum of topics include explosive safety management, explosive theory, international system for the hazard classification of explosive substances & articles; legislative requirements and best practice guide on safe storage & transport of explosive substances and articles.

Course Objectives

At the end of the course, the attendees are expected to acquire a basic knowledge on the performance & safety of explosives, and the application of the best practices in compliance with the local legislative requirements on safe storage and transport of explosive substances & articles (ESA)

Course Outline

1. Introduction to Explosive Safety Management (1hr)
2. Introduction To Explosive (2.0hr)
3. Physical effects of an explosion, injury and damage safety criteria (1.5hr)
4. Introduction to the Classes Of Dangerous Goods (0.75hr)
5. Hazard classification system for the ESA by analogy & test (1.0hr)
6. Introduction to the Global Harmonized System (GHS) & Singapore GHS (0.75hr)
7. Introduction to the Global Regulations On Air/Sea transportation of ESA (0.75hr)
8. Best Practices on safe conveyance of ESA by road (2.0hr)
9. Best Practices on safe storage and handling of ESA (2.0hr)

Course Duration

15hrs (2 days)

Time

9am – 5pm

End-of-Course Assessment

The attendees are required to sit for a 50 MCQ test paper. The passing mark is 60%.

Award

“Certificate of Completion” will be awarded to the course attendees who passed the assessment.

Course Trainer

Yen Chong Lian, President, IExESG
LEK Huat Lee, IExESG-MC (Education and Information Member)