



Course Brochure

Course Title: *Safety Awareness on the Storage & Transport of Marine Pyrotechnics*

Course ID: *SAC-S&T-MP (2022)*

Date: *To Be Scheduled (TBS)*

Venue: *To Be Determined (TBD)*

Course Fees: *To Be Negotiated (TBN) – Based on Class Size*

Course Description and Objectives

This one-day safety awareness course is developed for the local Marine Pyrotechnics Retail & Distribution Centres who are involved in the storage, transport and handling of Marine Pyrotechnics. Articles include “Time Expired Pyrotechnics (TEP)” removed from ship for follow up disposal. At the end of this course the participants are expected to gain a sound technical knowledge on the different types of marine pyrotechnics in the functional and safety aspects; they will also be learning how to interpret the safety information detailed in the Safety Data Sheet (SDS) developed by the marine pyro-manufacture mandated by the Global Harmonization System for Hazardous Chemical; general safety precautions for the storage, transport and handling of Marine Pyrotechnics.

Course Outline

1. Introduction to Marine Pyrotechnics
2. Intro to Singapore Explosives Legislation
3. IMO-SOLAS-LSA Regulations for the Marine Pyrotechnics
4. Basic Chemistry relevant to pyrotechnics
5. UN system for the Hazard Classification of Pyrotechnics Substances & Articles; GHS for Classification & Labelling Of Chemicals; how to interpret and implement the GHS- Safety Data Sheet of a Marine Pyrotechnics
6. Best Practice Guides for safe storage. Transportation & Handling of Marine Pyrotechnics

Course Duration

8 hours (1 day)

Award

“Certificate of Attendance” will be awarded to all course participants.

Course Trainer

Yen Chong Lian, President, IExESG