

Hazardous Area in Ships and Safe Working Practice - Introduction

On having studied this section, the student (*) will have a fundamental knowledge of the following topics:

1. Safe Access to Ships and associated Hazards
2. Hazards in moving about the ship and precautions
3. Hazards in entering and working in enclosed/confined spaces and precautions
4. Hazards for manual lifting/carrying of heavy loads and some precautions
5. Hazards in handling tools and precautions
6. Hazards in welding, gas-cutting, miscellaneous hot work and associated Precautions
continued
7. Hazards caused by painting and precautions
8. Precautions against Dangers while working aloft and over the side
9. Dangers involved in working with electrical equipment and precautions
10. Hazards from exposure to dangerous substances and precautions
11. Dangers of using wire and fibre ropes on board and some precautions
12. Dangers of using wire and fibre ropes onboard and some Precautions
13. Precautions on using Lifting Gear
14. Dangers of working in machinery spaces and their precautions
15. Hazards in the living accommodation and some precautions
16. Hazards and safety precautions on specific vessel types.

(*) – Prima facie it may occur to the student that certain sections of the content are applicable more specifically to the Nautical stream. Experience has shown that as far as shipboard hazards are concerned, there are not many areas which can be said to be relevant either to Engineers or to Nauticals. All seafarers are broadly vulnerable to the hazards of the sea, the ship and their operations.