

SCOPE AND APPLICABILITY:

Establish the minimum requirements and measures to take to protect the safety, health and environment work in the activities of hot work.

REGULATIONS & STANDARDS

- NR34 – Working Conditions and Environment in the Shipbuilding, Repair and Disassembly Industry;
- ANSI Z49.1 - Safety in Welding, Cutting, and Allied Processes;
- NFA 51B - Standard for Fire Prevention During Welding, Cutting, and Other Hot Work;

COURSE CONTENT:

- a) Classes of fires;
- b) Methods of extinction;
- c) Types of firefighting equipment;
- d) Alarm and communication systems;
- e) Escape routes;
- f) Individual and collective equipment;
- g) Practices for preventing and fighting fire;

COURSE DESIGN:

Theoretical Class – 6 hours
TOTAL: 8 hours

Practical Class – 2 hours

PREREQUISITE:

None.

MINIMUM/MAXIMUM NUMBER OF DELEGATES

This course requires a minimum of 1, and a maximum number of 15 trainees.

To offshore trainings, the course number of trainees will comply with the vessels/rig necessity.

MAIN SAFETY ISSUES:

- Surroundings observation;
- Avoiding Distractions;
- Careful risk analysis;
- Individual and collective protection equipment;
- Effective communication with the operator.

REQUIRED EQUIPMENT:

- Equipment that produces heat in its operation;
- Internal procedures for hot work;

PROCEDURE FOR PRACTICAL EXERCISES:

- Show how to use each PPE correctly;
- Identify the fire class;
- Show how inspect the fire extinguishers;
- Basic Demonstration how to fight fire;
- Identification of escape route signs, alarm and communication systems.

CERTIFICATION:

Training certificate signed by responsible Engineer accredited by Brazilian CREA.

CERTIFICATE VALIDITY PERIOD:

Recommendation: 2 years.