

Scaffolding Operations

COURSE: SPECIFIC SAFETY TRAINING ON SCAFFOLD ASSEMBLING AND DISMANTLING OPERATIONS

SCOPE AND APPLICABILITY:

The purpose of this course is to train rig personnel about basic knowledge related to the design understanding, maintenance, and safety on assembly and disassembly procedures for scaffolding operations. This course also meets NR and OSHA training standards for safety and hazard identification during scaffolding operations work environment.

REGULATIONS & STANDARDS:

- OSHA standard 29 CFR 1926.451, 1926.454;
- NR18;
- NR34;
- NBR 6494.

COURSE CONTENT:

1. Overview of NRs and OSHA requirements for scaffolds;
2. Identification of different types of equipment focusing on rig specific scaffolds;
3. Selection of suitable site for erecting scaffolding;
4. Correct procedures for assembly, moving and dismantling;
5. Identification of scaffolding hazards and surrounding areas;
6. Design components of scaffolding including sizes, fittings and notions about drawings;
7. Proper use of scaffolds;
8. Description of loads and carrying capacity;
9. Precautions for fall prevention and dropped object protection and other equipment.
10. Safety and emergency requirements and procedures about working around scaffolds.
11. Basic concepts related of assembling and disassembling.

COURSE DESIGN:

Theoretical - 08 hours
TOTAL: 26 hours

Practical - 08 hours

PREREQUISITE(S):

Valid local Work at Heights Course.

MINIMUM/MAXIMUM NUMBER OF DELEGATES

This course requires a minimum of 1, and a maximum number of 12 trainees.

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

MAIN SAFETY ISSUES:

- Checking anchor points;
- Inspection of safety equipment;
- Use of gloves, safety harness and lanyard;
- Isolation of the area and attention with the possibility of dropped objects;
- Special attention about simultaneous work;
- Special attention when moving the scaffold and in the surrounding area.

REQUIRED EQUIPMENT:

- Scaffolding parts;
- Specific manufacturer manual for the scaffolding according to the items 18.15.2.7 a), 18.15.2.5 a) e b) da NR18;
- The above items are working assumptions given by NR 18. The absence of such data, it is a legal impeditive condition;
- Assembly and disassembly tools;
- Clamps;
- Pipes;
- Anchor points.

PROCEDURE FOR PRACTICAL EXERCISES:

- It is expected from the instructor to guide the students to assembly and disassemble between 1 and 3 modules of the scaffold in order to provide proper orientation about related safety procedures.

CERTIFICATION:

Training certificate signed by responsible Engineer accredited by Brazilian CREA.

CERTIFICATE VALIDITY PERIOD:

Recommended: 2 years