

Pipe laying vessel course

Objective:

Applying rigging technics in the field of pipe laying in the offshore industry. The objective is to provide to the student an understanding of all risk and methodology in this field. The students shall be able to use all specific equipment required to the task while keeping in mind its limitation. The worker will be exposed to the equipment and its inspections while simulating the daily routine involving the connection of umbilical.

Course content:

Theory (4 hours)

- ✓ Presentation of the company
- ✓ Presentation of Pipe Laying Vessel
- ✓ SOP's on board.
- ✓ Review of basic rigging technics applicable to the field of pipe laying
- ✓ Risk assessment and work zone
- ✓ Rigging hardware and its limitations

- Shackles
- Snatch blocks
- Chains
- Hooks
- Links
- Spelter sockets

- ✓ Other tools (Impact wrench, fastening hardware, kit Sopep)
- ✓ Equipment inspection
- ✓ Slings: application and limitations
- ✓ Review of crane operation signs

Hands on (16 hours)

Basic duties for pipe laying operator

- ✓ Flanges preparation prior to pressurized testing with flexible piping.
- ✓ Lifting the end of an umbilical for flange installation and teste.
- ✓ Movement of the equipment over a 6-meter span.
- ✓ Resting equipment on A-frame to maintain it approximately 1 meter off the ground
- ✓ Remove the traction head;
- ✓ Install flange adaptor;
- ✓ Lift and move the other umbilical to the side of the first flange adaptor
- ✓ Finalize the maneuver while simulating a line under pressure.

Additional information:

Length: 20hours

Course layout: The training will occur in 2 and ½ day or 2 days according to the client's desire.



1st day: Intro to the company and to the basic of rigging with a 4 hours of theory a lunch and 4 hours of practice

2nd day: Basic activities for pipe laying including theory review a lunch and more hands on.

3rd day: 4 hours of hand on experience to clean up the worker skill.

Training location: The training will occur at VRS Ltda. training center

Included: Rigging equipment, course literature, course certification proving attendance to the course.

Not included in the price: Lunch.

Requirements: The student will be required to show that he his medically able to perform all work duties required in a work at height environment according to the one of his employer. (ASO)

The student will be required to use appropriate clothing for this type of activities such as protective shoes and long pants. Shorts and open shoes will not be allowed!

Cost and payment terms: R\$1700. The payment will need to be effectuated 7 days prior to the course in order to confirm the participation. Cancellation within 7 days of the scheduled course will result in the loss of the full amount.