

Crane Operator

Duration: 3Days

**Course Size: Minimum 4 Maximum 8
per Class**

Rate: 35,000 THB + 7% VAT per person

Aims and Objectives

The aim of this module is to establish that the delegate has the required underpinning knowledge, understanding and practical skills to fulfill the role of an Offshore Pedestal Crane Operator safely and effectively.

The objectives of this module is to highlight that the dangers of crane operations in the offshore environment cannot be overemphasized. Delegates that attend this course will leave with a more thorough understanding of the critical elements of lifting and moving loads and personnel safely in an offshore environment.

This module incorporates Global Best Practices.

Course Content

Types of cranes (ie) mechanical & non-mechanical. Crane components and lifting capacities.

Standard components on each type of crane

Basic crane terminology and the definitions

Boom angle & load radius.& how load weight directly affects lifting capacities

How basic lifting principles are affected by different variables.

Lever principles

Lifting principles

Types of lift

Static / Onboard

Shock loading

Overhead Crane

Reading Load Rating charts JHA's & Lift Plans

Number of parts of line & relationship to rated load Lifting capacity of main and auxiliary hook.

Lifting capacity of load and boom hoist drums (speed v line pull) Wire rope construction & use

Mounting features of the revolving superstructure Boom structure

Limit devices Sheaves Hand signals

Control identification

Who Should Attend

Personnel who are responsible for the safe operations of pedestal cranes.

Location: Please contact PISTC

Certificate: PISTC Certificate

Pre-requisites:

- Delegates must be qualified as a Rigger/Slinger/Banksman or Level 3 Rigger.
- Delegates must meet the following physical qualifications:
 - ◆ Have vision of at least 20/30 Snellen in one eye and 20/50 in the other with or without correction, and have depth perception as demonstrated by record of a recognized test administered by an authorized medical person.
 - ◆ Be able to distinguish red, green and yellow regardless of position of colours.
 - ◆ Have hearing, with or without hearing aid, adequate for the specific operation.
- Delegates must select which of the following two crane types and/or sub-types they require qualification for:
 1. Operation of Mechanical (Friction Type)
 2. Operation of Non - Mechanical
 - ◆ Hydraulic
 - ◆ Electric

Validity: 4 years

Competency: Competencies of delegates are assessed during written and practical exercises

Schedule: Scheduled dates available on request