

The Energy Institute Approved Level 4 Competency Assurance Qualification Land Based Production Operator Training

The Kenson School of Production Technology Limited, a member company of the Kenson Group of Companies and is pleased to introduce the Land Based Production Operator Training (LB POT).

Overview of the Programme

The Land Based Production Operator Training (LB POT) Programme was developed to provide the necessary practical and theoretical framework for individuals working on land-based production facilities or individuals who desire to be employed in land-based production facilities. The programme offers a wide range of modules such as Defensive Driving, Lease Acquisition Custody Transfer, Rod or Beam Pumping and Tank Gauging. LB POT also engages and facilitates other useful skills including report writing. On completion of this programme participants will be equipped for the world of work and will have acquired the necessary tools to excel in the land-based production environment.

Land Based Production Operator Training Programme Specifications

The Land Based Production Operator Training (LB POT) Programme targets persons working in leasehold production operation systems. Leasehold operators are essentially contractors who sub-lease small blocks of idle or marginal wells and are allowed to earn revenues from the sale of crude produced from reactivation and production of these wells. Petroleum rights have generally been limited to primary production, but the contractors are allowed to drill replacement wells. Leases are generally acquired from state owned companies or governments.

Module Listing

Module	Duration (Hours)
01. Basic Principles of Petroleum	21
02. Crude Oil Dynamics	21
03. Pipes Valves and Fittings (PVF)	15
04. Hand Tools	09
05. Pumps	15
06. Process and Instrumentation Diagrams (P & IDs)	18
07. Rod or Beam Pumping	21
08. Flowing Wells	27
09. Tank Gauging	15
10. The Fiscalisation Process	15
11. Lease Acquisition Custody Transfer (LACT)	18
12. Oil Well Performance and Surveillance	18
13. Safe Systems of Work	18
14. Energy Isolation	21

15. Operating Procedures	06
16. Overview of ISO 14001 Standard	06
17. Roles and Responsibilities of an Operator	21
Total Contact Hours	285

Entry Requirements

Academic qualifications:

To gain entry into this programme the candidate is required to have:

- Five (5) CXC subjects, inclusive of Mathematics and Science (Chemistry, Physics or Integrated Science) and a postsecondary Technician's Diploma from an approved postsecondary education.

AND

Technical qualifications in either:

- a. City and Guild Level III IVQ Advanced Diploma in Oil and Gas
- or
- b. Kenson Assured Certificate in Oil and Gas Refinement (Advanced)
- or
- c. A recognised technician's diploma in one of the following qualifications:
 - i. Mechanical engineering
 - ii. Electrical and Electronic engineering
 - iii. Industrial Instrumentation engineering
- or
- d. A Journeyman's certificate awarded by MIC
- or
- e. A degree awarded by a recognised Institution

Class Schedules

This programme consists of seventeen modules totalling two hundred and eighty five contact hours which is spread over one year.

Classes are scheduled as follows:

Option 1 : Three weekday sessions from 5.30 p.m. to 8.30 p.m.

Option 2 : Sunday's from 9.00 a.m. to 4.00 p.m. with a lunch break from 12:00 p.m. to 1:00 p.m.

Assessments

Assessment will consist of formal written examinations at the end of each module supported by class activities, participation and interaction.



Practical Skills will be assessed by observation, product evidence, simulation and a portfolio of work produced by the students.

Quality Measures

As a registered institution with the Accreditation Council of Trinidad and Tobago (ACTT) quality delivery and student satisfaction will be assessed. There will be open communication with client companies before arrangements for the training are implemented. Special requests for meals will be requested and implemented.

Once training is delivered students will be asked to evaluate the instructor (s) as well as to give feedback on the overall quality of the learning experience and support systems. These feedback mechanisms will be done before the end of the delivery.

Methods for Evaluating and Improving the Quality and Standards of Learning

All evaluation documents will be reviewed, and the data summarized and communicated to instructors. The data summarized from student feedback will also be used to implement changes where necessary to improve student and/or client satisfaction.

Award

Upon successful completion of this programme, participants will receive an **Energy Institute Approved Level 4 Competency Assurance Qualification in Land Based Production Operator Training** issued jointly by the Kenson School of Production Technology.

For and on Behalf of
The KENSON SCHOOL OF PRODUCTION TECHNOLOGY LIMITED

RENÉE FERGUSON
Chief Executive Officer

Dated: 12/11/2020

