Implementation of IECEx Certification of Personnel Competence (CoPC) Training Programme -Malaysia Experience-

IECEx 2018 International Conference
Jakarta, Indonesia 8th and 9th August 2018
Introduction

Ir. Abd Manan Ismail
Principal Instructor
PETRONAS Technical Training Sdn Bhd
Presentation Outline

- PETRONAS INSTEP at a glance
- IECEx CoPC Training Programme at INSTEP
  - PETRONAS requirements for Hazardous Area Installations
  - IECEx CoPC Preparatory Assessment programme
  - Learners experience
  - INSTEP aspirations
PETRONAS Learning Institutions

Serve as the prime lever in developing distinctive talent capability to support the industry

A Centre of Excellence for Maritime Education and Training

PETRONAS Leadership Centre
A Premier Institute & Centre of Excellence in Leadership

INTERNATIONAL RECOGNISED RESEARCH UNIVERSITY

PETRONAS LEADERSHIP CENTRE
A LEADING PARTNER OF CHOICE IN OIL & GAS TECHNICAL LEARNING & CERTIFICATION
Upstream Downstream Training Plant
"Game Changer"

Generates job-ready technicians and engineers through hands-on training and experiential learning

What makes INSTEP Training Plant a class above the rest?

• Simulates real plant scenarios in a safe environment.
• HSE is embedded as an integral part of our curriculum.
Our Academies
The Training Plant is supported by six academies complete with practical workshops

- Exploration & Production
- Instrumentation
- Mechanical & Inspection
- Process & Analytical
- Electrical
- Health, Safety & Environment
Accreditations & Certifications
Elevating the quality of programmes & instructors through
international accreditation

BTEC Accreditation

IECEx 12th Recognised Training Provider (RTP) in the world

OPITO World’s First Oil & Gas Technical Qualification Centre
IECEEx CoPC Training Programme at INSTEP

INSTEP Capabilities as RTP

- Complete configuration of Ex Installations Bay and dedicated Ex Equipment Lab
- Certified Instructors
- Collaboration with SIRIM for Ex Assessment & Certification

Ex Wiring Bay is fully equipped with Ex Equipment
PETRONAS requirements for Hazardous Area Installations

PETRONAS Technical Standards and IEC 60079 Series

- Design, installation, inspection & maintenance
- Knowledge and skill requirements for staff & contractors
IECEx CoPC Training Programme at INSTEP

IECEx Preparatory Assessment Programme

INSTEP offers all IECEx Units, except Units Ex 002, 005 & 010

Familiarisation for participants to the assessment environment

• Stand-alone Unit
• Combination of Units
• Calendared or Customised

Methodology

Classroom
Workshop Practical Activities
Written Knowledge Exercise
IECEEx CoPC Training Programme at INSTEP

Learners Experience

- More than 400 learners trained since 2014
- Over 90% passed the assessment

The practical session was very interesting. (Farhana Sarin, PETRONAS)

Facilitators are knowledgeable and experienced as well as engaging. (Ahad Hatim, Shell)

The course prepared us well for the assessment. (Salam Merni, PETRONAS)
IECEx CoPC Training Programme at INSTEP

INSTEP Aspirations

- Elevate the IECEx learning experience through integrated solutions, utilising its **state-of-the-art** Training Plant
- Embed **digital technologies** into its learning solutions, to cater for the needs of modern learners
- Become a full-fledged training provider covering programmes for **all IECEx Assessment Units**
Truly A Global Player

INSTEP has penetrated the international market by serving more than 35 countries and produced more than 14,000 technicians & engineers.
INSTEP
INSTITUT TEKNOLOGI PETROLEUM PETRONAS

“Seeing is Believing”

Thank you

PETRONAS Technical Training Sdn Bhd

abdmanan.Ismail@petronas.com

www.instep.my