

INSTRUMENTATION AND CONTROL TECHNICIAN



community rewarding challenging
training collaboration
career capability
adventure
skills dreams sustainability
competency
commitment change hope
success hssc future growth
development industry

Your **Passport** to a Successful **Career**

What is an INSTRUMENTATION & CONTROL TECHNICIAN?

An Instrumentation & Control Technician repairs, maintains, calibrates, adjusts and installs industrial measuring and controlling instrumentat

Qualification & Entry Requirements

- Brunei Citizen/Permanent Reside
- Pass medical fitness
- Pass interview
- Physically fit
- Complete HNTEC Instrumentation Control Engineering Program

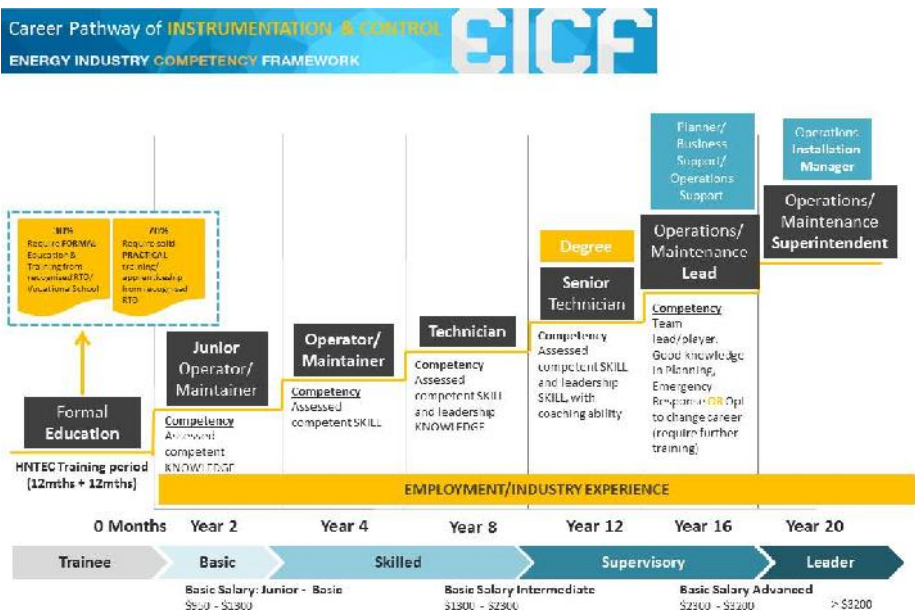
Requirements of an Instrumentation

Control Technician:

- Physically fit and strong
- Good hand-eye coordinati
- Able to work in outdoor conditi
- Able to work at heights
- Able to work on shift (2x12 h
- Able to work offshore on shift rotati (14days)

Roles & Responsibilities

- Perform Job Hazards Analysis.
- Ensure all preventive and corrective maintenance plans/schedules are ca out as planned.
- Carry out troubleshooting and immediate intervention in the event of pla set and breakdown of equipment.



The Higher National Technical Education Certificate (HNTec) in Instru & Control Engineering course deals mostly on process and productic instrumentation. The course has been designed to provide students \ skills and knowledge required to install, set up, test, develop, select, commission, maintain and diagnose faults or malfunctions of equipment and systems measurement, recording, monitoring and control of physical or chemical phenomenon and related process control systems.

Entry Requirements:

Students must fulfill the minimum entry requirement of **three (3) GCE 'O'/IGCSE** level CREDITS in the following subjects:-

- Mathematics or Additional Mathematics (Grad – 6)
- English Language (Grade 1 – 6)
- 1 Approved subject in Science related (Grade 1 – 6)

Curriculum:

- Islamic Religious Knowledge
- Melayu Islam Beraja
- Life Skill For Workplace
- Health, Safety, Security and Environment
- Introduction to Oil & Gas Industri
- Engineering Science
- Flow Scheme/Drawing
- Principle For Electrical and Electronic
- Instrumentation Drawing and Workshop Practi
- Analogue Electronic and Applicati
- Process Measurement
- Digital Electronic and Applicatic
- Instrumentation and Process Cont
- Distributed Control System
- Fire and Gas Detection Syste
- Safe Use of Certified Equipment Explosive Atmosphere Part 1 & 2 (Common Specialized 3 & 4)
- Programmable Logic Controller
- Vibration Monitoring Syste
- Analytical Instrumei

Duration/Venue

- The duration of this programme **2 years full tim** .
- Training will be held at **Maktab Kejuruteraan Jefri Bolkiah, Kuala Belait.**

For more information please contac

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