

# ELECTRICAL TECHNICIAN



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

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

## What is an ELECTRICAL TECHNICIAN?

An Electrical Technician schedules and executes all Electrical Preventive Corrective Maintenance (PM/CM) work on all electrical distribution facilities equipment according to the maintenance plan.

### Qualification & Entry Requirements

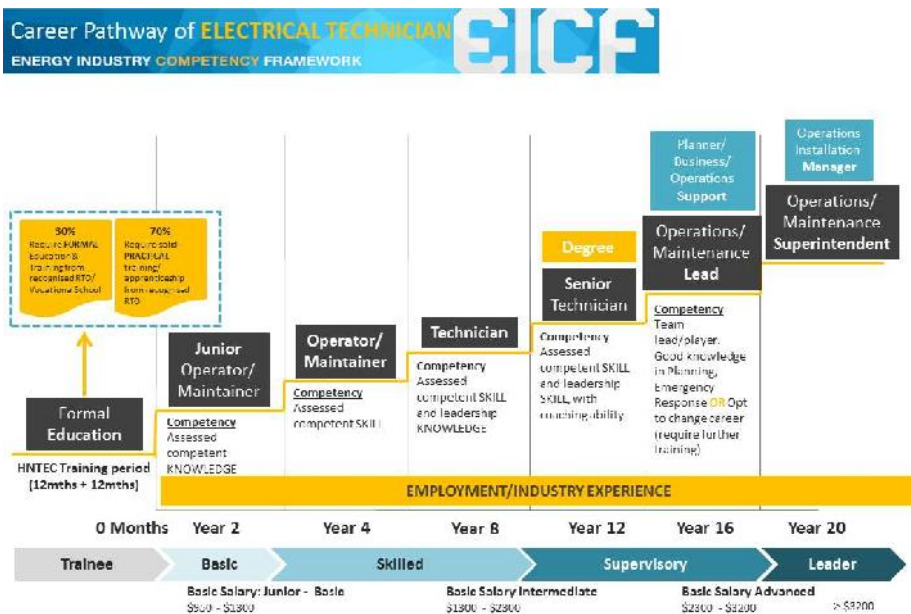
- Brunei Citizen/Permanent Reside
- Pass medical fitness
- Pass interview
- Physically fit
- Complete HNTec Electrical Engineering Program

### Requirements of an Electrical Technician:

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

### Roles & Responsibilities

- Perform Job Hazards Analysis.
- Ensures the integrity and sustainability of the plant assets by performing the relevant electrical maintenance or constructi
- Ensure all preventive and corrective maintenance plans/schedules are carried out as planned.
- Carry out troubleshooting and immediate intervention in the event of plant set and breakdown of equipment.



**The Higher National Technical Education Certificate (HNTec) in E Engineering** course covers a broad-based suite of electrical and electronic engineering modules relating to the oil and gas industries, ensuring graduates equipped with the necessary skills, knowledge and expertise to face challenges across a wide range of electrical and electronic industries.

### **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 (Grade 1 – 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 Industry
- Engineering Science
- Flow Scheme/Drawing
- Electrical and Electronic Principles
- Electronic Devices and Applications
- Digital Principles and Applications
- Safe Use of Certified Equipment Explosive Atmosphere 1
- Electrical Wiring and Installation
- Electrical Power Engineering
- Power Electronics
- Microprocessor Principles
- (Elective 3 / 4)
- Electrical Wiring and Installation
- Electrical Machines and Control
- Safe Use of Certified Equipment Explosive Atmosphere II
- Troubleshooting and Maintenance Electrical Systems

### **Duration/Venue**

- The duration of this programme **2 years full time**.
- Training will be held at **Sekolah Vokasional Nakhoda Ragam**.

### **For more information please contact**

Sekolah Vokasional Nakhoda Ragam  
KM13 Lebuhraya Muara Tutong  
Lambak Kanan Brunei Darussalam BC2515  
Tel: 673-2390435  
Fax: 673-2390423  
Website: [www.svnr.edu.bn](http://www.svnr.edu.bn)





eicf@energy.gov.bn



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