



## POWER GENERATION TRAINING

### *Introduction*

This training course is intended to all professional individual who would like to understand the principles of power generation. It offers relevant skills in understanding the principle of turbine operation, generator parts and function, and environment source of energy to electrical energy conversion.

### *Objectives*

After completing this course those successful individuals should be able to show competent knowledge in Power Generation.

### *Syllabus*

- Introduction to Electricity
  - Electron Theory
  - Magnetism
- Sources of Electricity
- Turbines
- Motors and Generators
- Generation Principles

### *Course Outcomes*

The successful candidates show the understanding in; electricity principles, sources of electricity, different kinds of turbines, motor and generator parts and function, and electricity production principles.

### *Teaching and Mode of Delivery*

Lecture Method assisted by Power Point Presentation.

### *Requirement*

- All candidates must be conversant literate in English

### *Availability*

- Available upon request
- Candidates to bring along ID/passport on 1<sup>st</sup> day of course

### *Assessments*

In addition to a formal written assessment the candidates will be assessed through oral questioning.

### *Certification*

A CERTIFICATE OF COMPLETION of POWER GENERATION TRAINING SEMINAR will be issued upon completing the training.

### *Training Details*

<b>Duration:</b>	5 days (30 hours)
<b>Time:</b>	08.00am to 03.00pm
<b>Venue:</b>	PMTC, Konedobu
<b>Course Fees:</b>	TBA

*For further information please contact:*

Hayley Kana, Registrar  
Phone: +675 7232 0725 / 7621 8379  
Email: [pmtcregistrarhk@gmail.com](mailto:pmtcregistrarhk@gmail.com)