REFERENCE SYLLABUS

For

Gas Turbine Operator (1st Class)
Introduction

This Syllabus is intended to assist candidates studying for the Gas Turbine Operator (1st Class) Examination.

Recommended Study Program:
It is recommended that, before undertaking this examination, the candidate completes Power Engineering Course of study, offered through a recognized and approved technical institute or training provider which addresses the Syllabus Outline.
Reference Syllabus for Gas Turbine Operator (1st Class) Examination Candidates

**Topic 1** Gas Turbine Design and Auxiliaries
**Topic 2** Gas Turbine Operation and Control
**Topic 3** Lubrication
**Topic 4** Piping
**Topic 5** Rotating Equipment Maintenance
**Topic 6** Rotating Equipment Monitoring
REFERENCE SYLLABUS

For

Gas Turbine Operator (2nd Class)
Introduction

This Syllabus is intended to assist candidates studying for the Gas Turbine Operator (2nd Class) Examination.

Recommended Study Program:
It is recommended that, before undertaking this examination, the candidate completes Power Engineering Course of study, offered through a recognized and approved technical institute or training provider which addresses the Syllabus Outline.
Reference Syllabus for Gas Turbine Operator (2nd Class) Examination Candidates

**Topic 1** Introduction to Piping and Pipe Fittings  
**Topic 2** Introduction to Valves  
**Topic 3** Introduction to Instrumentation  
**Topic 4** Introduction to Process Measurement  
**Topic 5** Basic Control Loop Components  
**Topic 6** Lubrication Principles  
**Topic 7** Types of Bearing Lubrication  
**Topic 8** Gas Turbine Principles and Designs  
**Topic 9** Gas Turbine Auxiliaries and Operation