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NATIONAL INSTITUTE FOR THE UNIFORM LICENSING OF POWER ENGINEERS, INC.
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REFERENCE SYLLABUS

For

Gas Turbine Operator (1st Class)



GAS TURBINE OPERATOR (1ST CLASS)

SYLLABUS

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.



GAS TURBINE OPERATOR (1ST CLASS)

SYLLABUS

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



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REFERENCE SYLLABUS

For

Gas Turbine Operator (2nd Class)



GAS TURBINE OPERATOR (2ND CLASS)

SYLLABUS

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.



GAS TURBINE OPERATOR (2ND CLASS)

SYLLABUS

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