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REFERENCE SYLLABUS

For

Steam Turbine Operator (1st Class)



STEAM TURBINE OPERATOR (1ST CLASS)

SYLLABUS

Introduction

This Syllabus is intended to assist candidates studying for the Steam Turbine Operator 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.



STEAM TURBINE OPERATOR (1ST CLASS) SYLLABUS

Reference Syllabus for Steam Turbine Operator (1st Class) Examination Candidates

Topic 1 Steam Turbine Theory and Construction

Topic 2 Steam Turbine Auxiliaries and Control

Topic 3 Steam Turbine Operation and Maintenance

Topic 4 Steam Condensers

Topic 5 Lubrication

Topic 6 Piping

Topic 7 Rotating Equipment Maintenance

Topic 8 Rotating Equipment Monitoring



STEAM TURBINE OPERATOR (2ND CLASS)

SYLLABUS

REFERENCE SYLLABUS

For

Steam Turbine Operator (2nd Class)



STEAM TURBINE OPERATOR (2ND CLASS) SYLLABUS

Introduction

This Curriculum is intended to assist candidates studying for the Steam 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 - Curriculum Outline.



STEAM TURBINE OPERATOR (2ND CLASS)

SYLLABUS

Reference Curriculum for Steam Turbine Operator (2nd Class) Examination Candidates

Topic 1 Introduction to Piping and Pipe Fittings

Topic 2 Introduction to Valves

Topic 3 Introduction to Steam Turbines

Topic 4 Steam Turbine Principles and Design

Topic 5 Steam Turbine Auxiliaries and Operation

Topic 6 Turbine Condenser Systems

Topic 7 Cooling Towers

Topic 8 Introduction to Instrumentation

Topic 9 Introduction to Process Measurement

Topic 10 Basic Control Loop Components

Topic 11 Lubrication Principles

Topic 12 Types of Bearing Lubrication