REFERENCE SYLLABUS

For

Power Engineer (Chief)
Introduction

This Syllabus is intended to assist candidates studying for the Power Engineer (Chief) 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 Power Engineer (Chief) Examination Candidates

Major Topic: Safety, Loss, and Environmental Program Management
- Topic 1 Loss Control
- Topic 2 Safety Legislation
- Topic 3 Safe Work Programs
- Topic 4 Emergency Response and Incident Investigation
- Topic 5 Environmental Legislation
- Topic 6 Environmental Management

Major Topic: Inspection, Maintenance and Repair Practices
- Topic 1 Project Management
- Topic 2 Maintenance Management Practices
- Topic 3 Boiler Repairs
- Topic 4 Pressure Vessel and Piping Repairs
- Topic 5 Non-Destructive Examination
- Topic 6 Rotating Equipment Maintenance
- Topic 7 Rotating Equipment Monitoring

Major Topic: Business and Workforce Management (382 pages)
- Topic 1 Business Management
- Topic 2 Contract Management
- Topic 3 Problem Solving and Decision Making
- Topic 4 Leadership
- Topic 5 Communication and Conflict Resolution
- Topic 6 Labor Relations
- Topic 7 Recruitment and Employee Development
- Topic 8 Management Structures and Organization