Mindluster Platform

About the course Steam Boiler problems

Steam Boiler problems course, in this course addresses common issues, troubleshooting methods, and solutions to ensure safe and efficient steam boiler operation.

Engineering Category's Courses

Course Lesson(84)

Lesson 1 : **Combined Cycle Power Plants Theory Overview complete guide for power engineering**

Lesson 2 : **Steam Boiler Fundamentals Basic and Operation**

Lesson 3 : **Steam Boiler|Condensate and Feed Water System|Principle|Components|Problems**

Lesson 4 : **Steam Boiler Auxiliaries Combustion Operation Control**

Lesson 5 : **Steam Boiler problems inspection Maintenance troubleshooting 1**

Lesson 6 :
Valves Types and Operation Ù…Ø§ Ù‡Ù‰ Ø§Ù†ÙˆØ§Ø¹ Ø§Ù„ØµÙ…Ø§Ù…Ø§Øª ÙˆØ§Ø³ØªØ®Ø¯Ø§Ù…Ø§ØªÙ‡Ø§

Lesson 7 : **Steam Boiler problems Inspection Maintenance Troubleshooting 2**

Lesson 8 :
How to do Preventive Maintenance Condenser Heat Exchanger| ØµÙŠØ§Ù†Ø© Ø§Ù„Ù…Ø¨Ø§Ø¯Ù„ Ø§Ù„ØØ±Ø§Ø±Ù‰

Lesson 9 :
Ø®Ø·Ùˆ Ø§Øª ÙÙƒ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø© Ø§Ù„Ø¨Ø®Ø§Ø±ÙŠØ© Steam Turbine Disassembly

Lesson 10 : **Types of Power Plants and how they Produce Electricity Electrical Energy**

Lesson 11 : **Secrets of Turbine Lube Oil System**

Lesson 12 : **How do work Gland Steam Sealing System in Steam turbines**

Lesson 13 : **How Compressor Valves Operation Maintenance Repair**

Lesson 14 : **Centrifugal Pump Overhauling Tolerances part 1**

Lesson 15 :
Steam Turbine Assembly Ø®Ø·Ùˆ Ø§Øª ØªØ±ÙƒÙŠØ¨ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø§Øª Ø§Ù„Ø¨Ø®Ø§Ø±ÙŠØ©

Lesson 16 : **What is Compressor Function Operation and Surge Control System**

Lesson 17 : **How a Power Plant Generator Working to Create Electricity Electrical Engineering**

Lesson 18 : **How to start Centrifugal Pump| and |Troubleshooting**

Lesson 19 : **How Compressor Gas Seal System Works**

Lesson 20 :

Gas turbine generation lec 1 Intro 1 Ø§ÙØ¶Ù„ Ø³Ù„Ø³Ù„Ø© Ø´Ø±Ø ÙƒÙŠÙ ØªØ¹Ù…Ù„ Ø§Ù„ØªÙˆØ±Ø¨ÙŠÙ†Ø§Øª Ø§Ù„ØºØ§Ø²ÙŠØ©

Lesson 21 :
Gas turbine|lec 1 Intro 2 Ø³Ù„Ø³Ù„Ø© Ø´Ø±Ø Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø§Øª Ø§Ù„ØºØ§Ø²ÙŠØ© Ø§Ù„Ø-Ù„Ù‚Ø© Ø§Ù„Ø«Ø§Ù†ÙŠØ©

Lesson 22 :
Gas turbine|lec 1 Intro 3 Ø³Ù„Ø³Ù„Ø© Ø´Ø±Ø Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø§Øª Ø§Ù„ØºØ§Ø²ÙŠØ© Ø§Ù„Ø-Ù„Ù‚Ø© Ø§Ù„Ø«Ø§Ù„Ø«Ø©

Lesson 23 :
Gas turbine|lec 1 Intro 4| turbine section Ø§ÙØ¶Ù„ Ø³Ù„Ø³Ù„Ø© Ø´Ø±Ø Ù„Ùˆ ØØ¯Ø§Øª ØªÙˆÙ„ÙŠØ¯ Ø§Ù„ÙƒÙ‡Ø±Ø¨Ø§Ø¡ Ø§Ù„ØºØ§Ø²ÙŠ

Lesson 24 : **Gas turbine Compressor GE Maintenance overhauling**

Lesson 25 :
Gas Turbine|lec 5| Axial Compressor|1 Ø§ÙØ¶Ù„ Ø³Ù„Ø³Ù„Ø© Ø´Ø±Ø Ù„Ùˆ ØØ¯Ø§Øª ØªÙˆÙ„ÙŠØ¯ Ø§Ù„ÙƒÙ‡Ø±Ø¨Ø§Ø¡ Ø§Ù„ØºØ§Ø²ÙŠ

Lesson 26 :
Gas Turbine|lec 6| Axial Compressor|2 Ø§ÙØ¶Ù„ Ø³Ù„Ø³Ù„Ø© Ø´Ø±Ø Ù„Ùˆ ØØ¯Ø§Øª ØªÙˆÙ„ÙŠØ¯ Ø§Ù„ÙƒÙ‡Ø±Ø¨Ø§Ø¡ Ø§Ù„ØºØ§Ø²ÙŠ

Lesson 27 : **How to Power plant Generator Disassembly and their components**

Lesson 28 : **Boiler Condensate FeedWater Systems troubleshooting**

Lesson 29 : **what are steam turbine stages steam cycle**

Lesson 30 : **What are 5 Causes of Steam Boiler Tube Failure**

Lesson 31 : **What are Types of steam Boiler Tube Failures Deformities And How to fix**

Lesson 32 : **Steam Boiler Maintenance How to Replace and Repair Steam Boiler Tubes step by step**

Lesson 33 : **What are Procedures of Cladding Repair Tube Boiler**

Lesson 34 :
Ø§ÙØ¶Ù„ Ø´Ø±Ø ØªÙØµÙŠÙ„ÙŠ ÙŠÙˆØ¶Ø Ø§Ø³Ø¨Ø§Ø¨ Ø¸Ø§Ù‡Ø±Ø© Ø§Ù†Ù‡ÙŠØ§Ø± Ø±ÙŠØ´ ÙƒØ¨Ù…Ø±Ùˆ Ø³Ùˆ Ø± ÙˆØØ¯Ø§Øª ØªÙˆÙ„ÙŠØ¯ Ø§Ù„ÙƒÙ‡Ø±Ø¨Ø§Ø¡ Ø§Ù„ØºØ§Ø²ÙŠ|Compressor Surge

Lesson 35 :
Gas Turbine |Combustion Chamber 1Ø´Ø±Ø ØºØ±ÙØ© Ø§ØØªØ±Ø§Ù‚ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø© Ø§Ù„ØºØ§Ø²ÙŠØ©

Lesson 36 :
Gas Turbine |Combustion Chamber 2Ø´Ø±Ø ØºØ±ÙØ© Ø§ØØªØ±Ø§Ù‚ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø© Ø§Ù„ØºØ§Ø²ÙŠØ©

Lesson 37 :
Gas Turbine |Combustion Chamber 3Ø´Ø±Ø ØºØ±ÙØ© Ø§ØØªØ±Ø§Ù‚ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø© Ø§Ù„ØºØ§Ø²ÙŠØ©

Lesson 38 :
Gas Turbine |Combustion Chamber 5Ø´Ø±Ø ØºØ±ÙØ© Ø§ØØªØ±Ø§Ù‚ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø© Ø§Ù„ØºØ§Ø²ÙŠØ©

Lesson 39 :
Gas Turbine |Combustion Chamber 6Ø´Ø±Ø ØºØ±ÙØ© Ø§ØØªØ±Ø§Ù‚ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø© Ø§Ù„ØºØ§Ø²ÙŠØ©

Lesson 40 :
Ø´Ø±Ø ÙƒØ±Ø§Ø³ÙŠ Ø§Ù„ØªØÙ…ÙŠÙ„ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø© Ø§Ù„ØºØ§Ø²ÙŠØ© ÙˆØ§Ù„Ù…Ø´Ø§ÙƒÙ„ Ø§Ù„Ù…ØªØ±ØªØ¨Ø© Ø¹Ù„ÙŠ Ø§Ù„ØªØ´ØÙŠÙ… Ø§Ù„Ø®Ø§Ø·Ø¦

Lesson 41 :

Ø·Ø±Ù, ØªØ¨Ø±ÙŠÙ¯ Ø±ÙŠÙ´ Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø§Øª Ø§Ù„ÙºØ§Ø²ÙŠÙ© Gas Turbine|Blades Cooling

Lesson 42 :
Ù…Ø§Ù‡Ù Ø§Ù„Ø¬Ø²Ø¡ Ø§Ù„Ù…Ø¹Ù Ù„Ù† Ø¹Ù† Ù… Ø§Ø²Ø§Ù† Ø§Ø¨Ø¹Ø§Ø¯ Ù„Ø¹Ù…Ù„ Ø§Ù„Ø¬Ø¯ÙŠØ¯ Ø§Ù„Ø«Ø§Ø¨Øª Ø§Ù„Ø¯ÙˆØ±Ø§Ù†

Lesson 43 :
Sealing of Gas Turbine Compressor Bearing Ø§ÙØ¶Ù„ Ø´Ø±Ø Ù„Ù†Ø¸Ø§Ù… Ø¹Ø²Ù„ ÙƒØ±Ø§Ø³Ùš Ø§Ù„ØªØ±Ø¨ÙŠÙ†Ø© Ø§Ù„ÙºØ§Ø²ÙŠÙ©

Lesson 44 :
ÙƒÙŠÙ ÙŠØªÙ… ØªØ¨Ø±ÙŠÙ¯ Ø§Ù„ØªØ±Ø´ Ø§Ù„Ø«Ø§Ø¨Øª Ù„Ù„ØªØ±Ø¨ÙŠÙ† How Gas Turbine Nozzle Cooling

Lesson 45 :
Ø§ÙØ¶Ù„ Ø´Ø±Ø Ø§Ø³Ø³ Ù‚Ù…Ø¨Ø¯Ø¡ Ø§Ù„Ø¹ÙŠÙ‚Ø§Ù† Ø§Ù„ØªØ¨Ø¨Ø¤Ø© Ø§Ù„Ø¹Ø²Ù„ Ø§Ù„Ø¬Ø²Ø¡ Ø§Ù„Ø¹Ø§Ù…vibration 2

Lesson 46 :
Ø§ÙØ¶Ù„ Ø´Ø±Ø Ø§Ø³Ø³ Ù‚Ù…Ø¨Ø¯Ø¡ Ø§Ù„Ø¹ÙŠÙ‚Ø§Ù† Ø§Ù„ØªØ¨Ø¨Ø¤Ø© Ø§Ù„Ø¹Ø²Ù„ Ø§Ù„Ø¬Ø²Ø¡ Ø§Ù„Ø¹Ø§Ù…vibration 4

Lesson 47 :
Ø§ÙØ¶Ù„ Ø´Ø±Ø Ø§Ø³Ø³ Ù‚Ù…Ø¨Ø¯Ø¡ Ø§Ù„Ø¹ÙŠÙ‚Ø§Ù† Ø§Ù„ØªØ¨Ø¨Ø¤Ø© Ø§Ù„Ø¹Ø²Ù„ Ø§Ù„Ø¬Ø²Ø¡ Ø§Ù„Ø¹Ø§Ù…Vibration 3

Lesson 48 :
Ø§ÙØ¶Ù„ Ø´Ø±Ø Ø§Ø³Ø³ Ù‚Ù…Ø¨Ø¯Ø¡ Ø§Ù„Ø¹ÙŠÙ‚Ø§Ù† Ø§Ù„ØªØ¨Ø¨Ø¤Ø© Ø§Ù„Ø¹Ø²Ù„ Ø§Ù„Ø¬Ø²Ø¡ Ø§Ù„Ø¹Ø§Ù…vibration 1

Lesson 49 : Gas turbine|lube oil system|lifting pump|balanced vane pump

Lesson 50 : G T system 2

Lesson 51 : G T system 3

Lesson 52 : 4

Lesson 53 : 5

Lesson 54 : 6

Lesson 55 : gas turbine start up 1

Lesson 56 : start up gt 3

Lesson 57 : 4

Lesson 58 : 5

Lesson 59 : Steam Boiler Replacement and maintenance

Lesson 60 : What are Inspection Techniques of steam Boiler Tubes

Lesson 61 : 7 major Problems in Boiler Water wall Super heater

Lesson 62 : What are Problems in Boiler|Super Heater Tubes

Lesson 63 : Discover All Major Problems in Boiler Economizer Ash hopper

Lesson 64 : How Gas Turbine Combined Cycle Power Plants Produce Electricity Electrical Energy

Lesson 65 :
Primary source|High vibration|Rotating equipment| Ø§Ù„Ù…ÙµØ¯Ø± Ø§Ù„Ø±Ø¦ÙŠØ³ÙŠ| Ù„Ù„Ø§Ù‡ØªØ²Ø§Ø²Ø§Øª

Lesson 66 : Spontaneous Combustion in Power Plants Causes Do Not to do

Lesson 67 :
ÙƒÙŠÙ ØªØ¹Ø§Ù…Ù„Øª Ø´Ø±ÙƒØ© Ø³ÙŠÙ…Ù†Ø³ Ù…Ø¹ Ø¸Ø§Ù‡Ø±Ø© |Humming Suppression in Gas turbine

Lesson 68 :
Ø´Ø±Ø Ø§Ø³Ø¨Ø§Ø¨ Ø¹Ø¯Ù… Ø§Ø³ØªÙ‚Ø±Ø§Ø± Ø§Ù„Ø¶ØºØ· Ø¯Ø§Ø®Ù„ ÙºØ±ÙØ© Ø§ØØªØ±Ø§Ù‚ Ø§Ù„ØºØ²ÙŠØ© 2

Lesson 69 : **What are Combined Cycle Power Plant Principles Theory Design and Operation 1**

Lesson 70 : **What are Combined Cycle Power Plant Principles Theory Design and Operation 2**

Lesson 71 : **Technical Engineering school intro**

Lesson 72 :
Pressure Profile of Gas Turbine Bearing Ø´Ø±Ø Ø±Ø§Ø¦Ø¹ Ù„ØªÙˆÙŠØ¹ Ø¶ØºØ· Ø§Ù„Ø²ÙŠØª Ø¹Ù„Ù‰ ÙƒØ±Ø§Ø³ÙŠ Ø§Ù„ØºØ±Ø¶ Ø§Ù„ØºØ§Ø²ÙŠØ©

Lesson 73 : **Globe Valve Maintenance do it yourself**

Lesson 74 : **How to do lube oil cooler maintenance**

Lesson 75 : **How Shell and tube heat exchanger maintenance 1 Industrial Engineering**

Lesson 76 : **Shell and tube heat exchanger maintenance 2 Preparation tools Equipment**

Lesson 77 : **Shell and tube heat Exchanger maintenance Blockage cleaning techniques 3**

Lesson 78 : **Shell and tube heat Exchanger maintenance leak test methods 4**

Lesson 79 : **How to steam creation in HRSG**

Lesson 80 : **What is Combind Cycle Power Plant facility**

Lesson 81 : **What is the first Cycle of CCPP**

Lesson 82 : **How Gas Turbine runs Generator to produce electricity**

Lesson 83 : **What is the function of natural gas fire duct burner**

Lesson 84 : **What is the function of Condenser in Steam power plant**

Related courses

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