Mindluster Platform

About the course Checking refrigerant charge scenarios basics

Checking refrigerant charge scenarios course, in this course we will explore various scenarios to ensure proper refrigerant levels in HVAC systems. Starting with an introduction to the importance of correct refrigerant charge, we will delve into different real-world situations you might encounter, such as low charge, overcharge, and refrigerant leaks. Each scenario will be discussed in detail, highlighting symptoms like insufficient cooling, system freezing, unusual noises, and high energy consumption. You will learn how to use pressure gauges, detect leaks, and adjust refrigerant levels accurately. Practical sessions will provide hands-on experience in measuring pressures, adding or removing refrigerant, and troubleshooting common issues. We will also cover maintenance strategies to prevent future problems. By the end of the course, you will be equipped with the knowledge and skills to handle various refrigerant charge scenarios effectively, ensuring the optimal performance and longevity of HVAC systems.

Engineering Category's Courses

Course Lesson(23)

Lesson 1 :
Practice Checking the Charge of an R 410A Air Conditioner with Subcooling Method 4 Scenarios

Lesson 2 :
R 410A AC Unit Checking the Charge with Subcooling Undercharged through Overcharged

Lesson 3 : **R 410A AC Unit Checked with Superheat 4 Scenarios Low Charge through Overcharged**

Lesson 4 : **R 22 Subcooling Examples Check The Charge with 4 Different Scenarios**

Lesson 5 : **Checking the Charge of An R 410A Air Conditioner with Quick Reference Cards**

Lesson 6 : **7 More R 410A Subcooling Scenarios to Practice Checking The Charge**

Lesson 7 :
Practice Checking the Charge of an R 410A Air Conditioner with SUPERHEAT METHOD 5 Scenarios

Lesson 8 : **HVAC Training Basics for New Techs Gauges Pressures Temps Check the Charge**

Lesson 9 : **Finding Target Superheat to Check the Charge of an R 410A AC Unit**

Lesson 10 : **Ambient 30 Rule Ambient Temp 25 Charging Methods**

Lesson 11 : **Fast Check for a Very Low Refrigerant Charge on an A C Unit**

Lesson 12 : **Checking the Refrigerant Charge on a Running R 410A Inverter MINI SPLIT Unit**

Lesson 13 : **R 22 and R 410A Operating Pressures on Air Conditioners Checking the Charge**

Lesson 14 :
HVAC Apprenticeship Class Refrigeration Cycle Superheat Subcooling Saturation Parts AC Heat

Lesson 15 : **Why an Air Conditioner Coil FREEZES Examples Procedures Troubleshooting**

Lesson 16 :
Troubleshooting Indicators for a Liquid Line Restriction Low Airflow Low Charge Check the Charge

Lesson 17 :
Charging R 410A into an Air Conditioner that s Low Connect Measure Add Refrigerant Disconnect

Lesson 18 : **HVAC Tools and Methods for Connecting to Refrigerant Ports 10 Tips**

Lesson 19 : **Recovery Machine Hose Setup Step by Step Procedure for Recovering Refrigerant**

Lesson 20 :
R410A Refrigerant Charge Level Measurements on Air Conditioners Walkthrough and Practice

Lesson 21 :
R 410A Refrigerant Charge Measurement Examples on Air Conditioners Total Superheat Method Practice

Lesson 22 : **A2L Refrigerants R 454B and R 32 Explained Bottles Changes Rules Tools**

Lesson 23 : **R 32 and R 454B Checking the Refrigerant Charge Scenarios Practice for HVAC Techs**

Related courses

Cabinetry Basics

MFT and MFT related accessories

hinges workshops

CNC Computer numerical control

Jointing Systems

Cabinet tips

for Business Contact
business@mindluster.com