

Certificate Number: **AC-2988-33731132**

This is to certify that the management of Alison awarded Jeff Davis the certificate of completion in Compressors and Refrigerated Containers under the category Engineering & Construction on 24th August 2023.

Validation: You can check authenticity of this certificate by visiting the following link:
<https://alison.com/certification/check/%242y%2410%24GycTkmZmqBsNvxIa6eUlm.DfLofGYN2oLI95IHInCpi82szaHz>

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Country: **United States of America**



Certificate Details



Compressors and Refrigerated Containers

[Score: 84]

Course Details

'Compressors and Refrigerated Containers' is a free online course that introduces you to the definition of 'air conditioning', how to find the relative humidity of the air, as well as the design of an air-conditioning (AC) system. The functions and applications of a psychrometric chart for solving HVAC (heating, ventilation and air conditioning) problems; wet and dry bulb hygrometers; the sling psychrometer; the dew point temperature of air; as well as latent heat of the air are all covered. You will also learn about enthalpy lines, thermal comfort, comfort zone, steam injection, humidification, humidity ratio and humidity control. Airflow and air-conditioning capacity, cabin load, the total load on AC apparatus, as well as the heat balance (HB) method and heating load estimate also form part of the in-depth material. Learn about the important points to be taken into account when heat load required calculations are done, which include transmission heat loss, solar radiation and internal heat gains.

Maeww Richardson

Director of Certification





Alison

Academic Transcript

Modules Studied

Air Conditioning Systems and Compressors

Course assessment

Maeve Richardson
Director of Certification

