
Overview

This standard covers the handling of refrigerants. It includes any activities that involve the handling of refrigerants associated with air-conditioning/climate control and/or refrigeration systems, (e.g. recovery, flushing and/or recharging).

This standard is for those who work with refrigerants.

Note: anyone who handles refrigerants should hold a valid certificate to comply with the EC F gas Regulation and Commission Regulation 307/2008.

Performance criteria

You must be able to:

1. use appropriate Personal Protective Equipment (PPE) when handling refrigerants
2. identify refrigerant type and capacities and use the tools and equipment required to handle refrigerants and carry out **activities** to manufacturers' specifications
3. collect and transfer any waste material in accordance with relevant legislation and organisation policies
4. maintain and process appropriate records

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Knowledge and understanding

You need to know and understand:

1. the importance of selecting, using and maintaining appropriate Personal Protective Equipment (PPE) when handling refrigerants
2. the health, safety and environmental legislation covering the handling and disposal of refrigerants
3. procedures relevant to the safe handling of refrigerants
4. the operating principles and function of mobile air-conditioning (MAC) and/or fixed plant refrigeration systems and components
5. the types of refrigerants and their properties, characteristics and environmental impact
6. how to recognise the characteristics associated with different refrigerant handling equipment including basic and automatic equipment
7. how to handle refrigerants in mobile air-conditioning and/or fixed plant refrigeration systems
8. how to work in a way which minimises the risk of any refrigerant emissions
9. the legal requirement to maintain and process appropriate records

Glossary

activities - e.g. recovery, flushing and recharging

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