
Overview

This standard is for those who work with refrigerants.

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

Particular attention should be given to health and safety and legislation.

Performance criteria

- You must be able to:*
- P1 identify refrigerant type and capacities and use the tools and equipment required to carry out activities to manufacturers' specifications, e.g. recovery, flushing and recharging
 - P2 collect and transfer any waste material in accordance with relevant legislation and/or policies
 - P3 maintain and process appropriate records

Knowledge and understanding

You need to know and understand:

- K1 procedures relevant to the safe handling of refrigerants
- K2 the operating principles and function of mobile air conditioning (MAC) and/or fixed plant refrigeration systems and components
- K3 the types of refrigerants and their properties, characteristics and environmental impact
- K4 how to recognise the characteristics associated with different refrigerant handling equipment including basic and automatic equipment
- K5 how to handle refrigerants, e.g. recovery, flushing and recharging in mobile air-conditioning and/or fixed plant refrigeration systems
- K6 how to work in a way which minimises the risk of any refrigerant emissions
- K7 the requirement to maintain and process appropriate records

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Refrigerant handling

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