



Refrigeration Scheme

Certificate of Assessment

Awarded to: Gareth Marshall

Certificate ID: 0005024

Date of issue: 28 July 2021

For successfully passing the following assessment in accordance with appropriate regulations and legislation:

Category :

- I Leakage, recovery, install, maintain, service and decommission F-Gas Cat I

27/07/2026

(see explanatory notes on categories, see overleaf)

For and on behalf of Building Engineering Services Association Training

Helen Yeulet - Director of Training

BESA Training puts learning at the heart of building engineering services

Piper Training Ltd, trading as BESA Training is a wholly owned subsidiary of the Building Engineering Services Association (BESA).

BESA retains the right to withdraw or suspend certification if the holder is found to have obtained certification fraudulently or has been reported as not carrying out work in accordance with appropriate regulations & legislation.

An appeal process is available to all certificate holders.

Explanation of F-Gas Categories I, II, III and IV (sourced from Regulation (EU) 2015/2067)

Certification of natural persons

1. Natural persons carrying out the activities referred to in Article 2(1) shall hold a certificate as referred to in Article 4 for the corresponding category as set out in paragraph 2 of this Article.
2. Certificates attesting that the holder fulfils the requirements to undertake one or more of the activities referred to in Article 2(1) shall be granted for the following categories of natural persons:

(a) Category I certificate holders may carry out all the activities provided for in Article 2(1),

(b) Category II certificate holders may carry out the activities provided for in point (a) of Article 2(1) provided that it does not entail breaking into the refrigeration circuit containing fluorinated greenhouse gases. Category II certificate holders may carry out the activities in points (b), (c), (d) and (e) of Article 2(1) in relation to equipment referred to in Article 1 containing less than 3 kilograms of fluorinated greenhouse gases, or, if hermetically sealed systems which are labelled as such are concerned, containing less than 6 kilograms of fluorinated greenhouse gases,

(c) Category III certificate holders may carry out the activity provided for in point (b) of Article 2(1) in relation to equipment referred to in Article 1 containing less than 3 kilograms of fluorinated greenhouse gases, or, if hermetically sealed systems which are labelled as such are concerned, containing less than 6 kilograms of fluorinated greenhouse gases,

(d) Category IV certificate holders may carry out the activity provided for in point (a) of Article 2(1) provided that it does not entail breaking into the refrigeration circuit containing fluorinated greenhouse gases.

Explanation of Ammonia Categories (AA01, AA02 and AA03)

Certification of natural persons

1. Ammonia Awareness (AA01) – For personnel who manage those working on systems containing Anhydrous Ammonia but who do not directly work on them. Training provides a general awareness of the dangers and safety requirements, environmental impact and efficiencies of Anhydrous Ammonia.
2. Safe Handling of Anhydrous Ammonia (AA02) – For personnel who service & maintain refrigeration systems containing Anhydrous Ammonia. Training incorporates the safe handling, charging & recovery of Anhydrous Ammonia Refrigerant.
3. Ammonia Decanting (AA03) - For personnel who service & maintain refrigeration systems containing Anhydrous Ammonia. Training incorporates the safe handling and decanting of Anhydrous Ammonia Refrigerant.

Explanation of Pipework & Brazing Categories (BRA04 and BRA05)

For personnel who set up and use manual torch brazing and soldering equipment, in accordance with approved instructions or procedures. Training incorporates hose and equipment checks, leak detection, appropriate setting and use of the brazing equipment, selection and use materials and manipulating devices and joint configuration. It also incorporates general Health & Safety relative to the work being undertaken.

Explanation of Refrigeration Controls (incl. Safe Isolation) Category (RC01)

Safe Isolation is a pre-requisite for all electrical categories. The purpose of it is to ensure individuals are aware of the importance of undertaking safe isolation of electrical circuits and equipment prior to carrying out work by testing for the absence of electricity.

Refrigeration Controls - for personnel who carry out repairs and fault finding on basic refrigeration control panels. The assessment tests knowledge of electrical circuits & circuit protection, electrical sensors, motors & controls and diagnosis and repair of electrical faults.



Refrigeration Scheme

Certificate of Assessment

Awarded to: R Gwinnett

Certificate N^o: 0002941

Date of issue: 06 December 2019

For successfully passing the following assessment in accordance with appropriate regulations and legislation:

Category :

- I Leakage, recovery, install, maintain, service and decommission F-Gas Cat I

Expiry date:

05/12/2024

(see explanatory notes on categories, see overleaf)

For and on behalf of Building Engineering Services Association Training

 Tony Howard - Director of Training

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SFG20



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Refrigeration Scheme

Certificate of Assessment

Awarded to: M Hawkins

Certificate N^o: 0002942

Date of issue: 06 December 2019

For successfully passing the following assessment in accordance with appropriate regulations and legislation:

Category :

Expiry date:

- I Leakage, recovery, install, maintain, service and decommission F-Gas Cat I

05/12/2024

(see explanatory notes on categories, see overleaf)

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