

## Fgas REGULATIONS

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### Fgas Audit and Compliance

Synecore Ltd offer Fgas audit and compliance services

designed to make Fgas compliance a straightforward and simple process. Our Fgas audit and compliance services include:

- Completing an asset list of refrigeration and air conditioning equipment containing F-Gas refrigerants.
- Issuing an Fgas register that is available as a designated Fgas folder to be kept on the premises and an electronic version.
- Updating the Fgas register in accordance with the Fgas regulations throughout the contract.
- Implementing leak checking programmes for all refrigeration and air conditioning equipment containing Fgas refrigerants.

### Key Obligations – End user

Fgas regulations require the operator of stationary air conditioning or refrigeration equipment that use refrigerants containing Fgases to comply with the obligations in the Fgas regulations. The main requirements of the Fgas regulations for all stationary systems are:

- A general obligation to prevent leakage.
- Ensure only qualified personnel carry out installation, servicing and maintenance or leakage checking.

The main requirements of the Fgas regulations for all stationary systems containing more than 3 kg of refrigerants are:

- Ensure refrigerant records are kept and updated (keeping an Fgas register)
- Implementation of refrigerant leak checking programmes.

### Fgas Register

Stationary air conditioning or refrigeration equipment containing more than 3 kg of refrigerants containing Fgases is to be entered onto the Fgas register and certain records for each individual refrigerant system kept. The Fgas register is required to contain:

- The quantity and type of Fgas refrigerants.
- Any quantities of refrigerant added.
- The quantity of refrigerant recovered during servicing, maintenance and final disposal.
- The identity of the company or personnel who performed the servicing or maintenance.
- Dates and results of leakage checks and leakage detection system checks.

### Leak Checking

The Fgas regulations require systems containing Fgas refrigerants to be leak checked periodically depending on the quantity of the refrigerant charge. To comply with the Fgas regulations the following are the requirements for each refrigerant circuit:

- 3 kg or more (or 6 kg if hermitically sealed) – requires leak checking once per year.
- 30 kg or more – requires leak checking once every 6 months (also if there is a leak detection system already fitted the system only requires to be inspected once a year).
- 300 kg or more – requires leaking checking once every 3 months (also a leak detection system must be fitted and inspected once per year).

### Refcom

We are Fgas registered by Refcom (Reg number REF1008975) and all of our engineers are Fgas category 1 qualified to work on air conditioning or refrigeration equipment.

We are obligated to follow certain procedures and keep records to ensure that air conditioning and refrigeration equipment containing an Fgas refrigerant that we work on, has the least environmental impact through reducing CO<sup>2</sup> emissions. The Fgas regulations require that minimal refrigerant gases are released to the atmosphere and that equipment runs at its maximum efficiency.

