

CASE STUDY

A-Gas Provides Efficient Lifecycle Refrigerant Management (LRM) Solution to Leading International Bank

BACKGROUND

About The Customer

The customer is a leading international bank, offering its members a wide range of accounts, premium banking and wealth management services. It has strong environmental commitments, as evidenced by its net-zero pledge to become a net-zero company by 2030. It aims to achieve its targets by reducing its carbon emissions and setting an example for others in its industry.

About A-Gas

A-Gas is a world leader in the supply and lifecycle management of refrigerants and associated products and services. Through our first-class recovery, reclamation, and repurposing processes, we capture refrigerants and fire protection gases for future re-use or safe destruction, preventing harmful release into the atmosphere.

Rapid Recovery is A-Gas' mobile refrigerant recovery service which is up to 10 times faster than traditional methods, working on all air conditioning units of any size, and in almost any location.

CHALLENGE

The customer had nine decommissioned cooling systems containing a large quantity of R134a at its location in Canary Wharf.

The decommissioned systems were located in the premises' basement, making them difficult to reach. With its purpose-built mobile technology, A-Gas Rapid Recovery can recover refrigerants many hundreds of feet away from the units' physical location.

AT A GLANCE

Challenges

- Recovering a large quantity of used R134a, an HFC refrigerant, from nine decommissioned air conditioning systems with maximum efficiency.
- Preventing the refrigerant from being released to the atmosphere.
- Completing the project while avoiding major disruption to the customer's day-to-day business.

Benefits

- Efficient and safe recovery of used refrigerant with a high Global Warming Potential (GWP).
- Use of A-Gas Rapid Recovery equipment and services to provide a fast, on-site and effective solution.
- Proactive cooperation between A-Gas and all stakeholders, completing the task on a tight deadline.



This job had considerable challenges, however, the team were able to find solutions and ensure that it was completed to A-Gas' high standards.

This project is a showcase for the efficiency of A-Gas' Rapid Recovery service. No job is too big and we pride ourselves on professionalism and the positive environmental impact of our role.

Jason Fynn

Rapid Recovery Sales and Service Engineer, UK

SOLUTION

The A-Gas Rapid Recovery Team were contacted by the customer's authorised contractor to recover the used refrigerant on their behalf.

All of A-Gas' Rapid Recovery technicians are F-Gas certified, meaning they are experienced when handling every stage of the recovery process.

Using A-Gas' customised equipment, they captured all of the refrigerant and prevented its release to the atmosphere, enabling the customer to maintain its business-as-usual operations.



RESULTS

In total, 7.8 metric tons of R134a was recovered, which was then sent to A-Gas' UK facility. It was reclaimed to AHRI 700 standards, for future re-use in place of virgin manufactured refrigerant.

By recovering, reclaiming and repurposing used refrigerant, A-Gas helps its customers through circular economy principles to positively contribute towards meeting their net-zero targets.

CONCLUSION

A-Gas provided a high-quality on-site refrigerant recovery service, to safely recover all of the used refrigerant. The customer is proud to have partnered with A-Gas, through its dedicated Lifecycle Refrigerant Management (LRM) program to increase the circularity of refrigerants, at the same time as lowering carbon dioxide-equivalent emissions from redundant heating and cooling equipment.

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