

CASE STUDY

SURE Solutions Appoints A-Gas to Speed Up Recovery Process



BACKGROUND

About SURE Solutions

SURE Solutions innovate, design, develop, apply and maintain cost-effective and robust industrial refrigeration solutions. They work with their clients to ensure optimum performance and plant longevity, offering round-the-clock technical support and access to an extensive spares selection, supporting all major manufacturers' equipment. SURE Solutions specialise in natural refrigerants covering Ammonia, HFCs and CO₂.

About A-Gas

A-Gas is the 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.

For almost 30 years, A-Gas has supported our clients and partners on their environmental journey by supplying lower global warming gases and actively increasing the circularity of the industries we serve, building a more sustainable future.

CHALLENGE

When it comes to the food processing industry, time is of the essence. System downtime must be kept to a minimum and maintaining business as usual is key. Utilising services and tools that make refrigerant recovery and replacement quick and easy is valuable to engineers working in the field.

It is for this reason that when SURE Solutions were tasked with retrofitting a food processing plant in North Yorkshire, they called on A-Gas Rapid Recovery to help. The retrofit required SURE Solutions to recover a high Global Warming Potential (GWP) refrigerant and replace it with a lower GWP, more energy efficient alternative.

AT A GLANCE

Challenges

- Minimise the amount of time refrigeration equipment is offline.
- Remove high GWP refrigerant and replace with lower GWP and more energy efficient alternative.

Benefits

- A complete refrigerant management solution providing product recovery and resupply.
- Recovery completed in 3.5 hours, exceeding customer expectations.



"We were very happy with the service from the Rapid Recovery team; the speed of the recovery was very impressive and that meant we were able to minimise downtime."

The fact that A-Gas were able to provide the replacement refrigerant at the same time makes it a perfect solution for jobs like this and we will use them again in future."

Craig Costall

Sales Manager, SURE Solutions



SOLUTION

A-Gas Rapid Recovery, an onsite recovery service that provides a solution 10 times faster than traditional recovery methods, attended site to assist with the recovery of a high GWP refrigerant from the refrigeration equipment.

For some, the third-floor location of the refrigeration equipment could have been a problem, but the Rapid Recovery Team were equipped with hoses covering approximately 100 meters. The team utilised its tools to connect to the equipment and complete the recovery within a couple of hours.

Recovered product is reprocessed at A-Gas to become fully reclaimed, AHRI certified product. Refrigerant saved from disposal and returned to use as reclaimed gas makes a direct contribution to the reduction in the use of virgin refrigerants.

As suppliers of lower GWP refrigerants, A-Gas were then able to support this project further and provided the contractor with the refrigerant to charge the unit and get the refrigeration equipment back up and running with minimal disruption to the customer.

RESULTS

The high GWP refrigerant was recovered from the system in approximately 3.5 hours. The team minimised downtime at the food processing plant, and provided SURE Solutions with the opportunity to deal with other issues on-site during the recovery procedure.

Employing A-Gas Rapid Recovery enabled the contractor to complete the task in hand very effectively and very quickly.

CONCLUSION

The A-Gas Rapid Recovery, F-Gas compliant on-site recovery service, is a good example of how having the right equipment can make a real difference for contractors and end users when it matters.

A-Gas Rapid Recovery has been on the UK market since 2017 and in that time has recovered refrigerants from hundreds of systems nationwide. This has helped customers switch from high GWP refrigerants to lower GWP alternatives.



A-Gas effectively manages the complete lifecycle of refrigerants, from providing the recovery solution to supplying the lower GWP alternatives.