

CASE STUDY

Bank Commits to Sustainability Strategy by Destroying HCFCs



BACKGROUND

About the Bank

This multinational investment bank and financial services company operates across the globe with over 4,000 branches in the US. Since 2007, they have had a focus on mitigating their impact on the environment. With a goal to be a net-zero organization by 2050, this bank already procures 100% of its electricity from renewable sources.

About A-Gas

A-Gas is building a sustainable future through the responsible lifecycle management of refrigerant gases. Through our first-class recovery, reclamation, and repurposing processes, we capture refrigerants and fire protection gases for future reclamation or destruction, preventing harmful release into the atmosphere.

CHALLENGE

As part of the bank's commitment to sustainability, they identified the destruction of ozone-depleting substances (ODS) to ensure that these gases are not released into the atmosphere. Although the bank could potentially generate an income stream by selling the gas recovered from their assets, they sought a partner that would provide destruction services with the least amount of negative environmental impact and help the bank meet their environmental sustainability mandate to eliminate ODS from their facilities.

SOLUTION

Because the bank has an ongoing initiative to remove HCFCs from their portfolio, they reached out to A-Gas after we were recommended by another vendor of theirs. After the bank's contractors remove the gas from branches across the country, the gas is transferred to A-Gas. We record the volume of gas received,

AT A GLANCE

Challenges

- Fulfill the bank's sustainability mandate to destroy ozone-depleting substances (ODS) in the most environmentally- friendly way possible
- Find a partner with national reach to provide services across 4,000+ branches

Benefits

- Environmental: Destroyed ODS to prevent harmful release into the atmosphere, meeting the bank's mandate
- Other: EPA & DOT documentation



With A-Gas' plasma arc destruction technology, we can help our customer meet their own ESG mandate without negatively impacting the environment. We're proud to be able to support our customer on their environmental journey.

Louise McCann

Group Commercial Director & Managing Director
Asia-Pacific, A-Gas

the gas type, and the location of the branch where the gas was recovered. With a commitment to destroy the equivalent amount and type of gas, we then transport the gas to our Ohio facility where the destruction occurs. A-Gas provides the bank with an annual certificate of destruction as our assurance that the equivalent amount of gas has been destroyed.

Beyond enabling the bank to meet their mandate, A-Gas' expertise in logistics and Department of Transportation (DOT) and EPA compliance makes it easy for our customer to focus on their core business.

RESULTS

In 2021, A-Gas destroyed over 2,500 pounds of HCFCs on behalf of the bank. We continue to partner with our customer as they retrofit and upgrade their branches to lower GWP refrigerants.



A-Gas' PyroPlas® plasma arc destruction technology destroyed these harmful ODS gases to an efficiency of 99.9999% with de minimis emissions and no adverse environmental impacts, fulfilling our customer's sustainability mandate.

CONCLUSION

With more than 4,000 branches in the US, this bank needed a partner with a large national footprint, expertise in EPA and Department of Transportation-certified documentation, and in-house technology to destroy ODS gases. A-Gas is the only refrigerant management company within the US that ticks all these boxes.

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