



A-GAS[®]

*TOGETHER **WE CAN***

RESPONSIBLE RECOVERY

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IMPLEMENTING BEST PRACTICE FOR REFRIGERANT RECOVERY

From the F-GAS REGULATIONS

- Details (name, address and certificate number if relevant) of any companies that install, service or decommission the equipment.
- Measures taken to recover and dispose of gases when disposing of the equipment (e.g. disposing of it through a **registered waste carrier**)
- It must be recorded if the gas used in the equipment has been reclaimed and if so the
 - Details of the reclamation facility (name, address and certificate number if it has one)
 - Quantity of any gases recovered
- **RECORDS MUST BE KEPT FOR 5 YEARS**

F-GAS FINES, APRIL 2018

- A breach of the F-gas regulations within the United Kingdom could result in fines of up to £200,000.
- This followed a series of parliamentary consultations during January 2018 and became law effective from ***April 2018***



RECOVERY AND RECLAMATION – HAS NEVER BEEN AS IMPORTANT

- Quota Exempt
- Contributes to supply under a declining quota
- Increases the lifecycle of the refrigerant and equipment
- Proactive not Reactive

REFRIGERANT RECLAMATION IS PART OF OUR FUTURE



ACHIEVING RECLAMATION

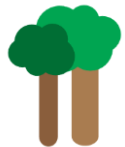
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- Supplies of reclaimed refrigerant will be critical
- Purpose built to more than double reclamation capacity
- Supply security at times of uncertainty
- Refrigerant waste is changing
 - state of the art reclamation is essential
- Designed with our industry and environment in mind

Recovery and Reclamation – The Benefits

Environment

- ✓ Reduces incineration
- ✓ Highly efficient process
- ✓ Extends the life cycle of a product
- ✓ Reduces amount of high GWP refrigerants being made/placed



End User

- ✓ Availability of supply
- ✓ Extends system lifecycle
- ✓ Quota exempt
- ✓ Reduce/remove destruction costs
- ✓ Increase choice



Contractor

- ✓ Easy to return refrigerant
- ✓ Carry less cylinders
 - Cost
 - Space
- ✓ Product availability
- ✓ Eases Uncertainty



Manufacturer

- ✓ Ability to reduce environmental impact and meet obligations
- ✓ Eases pressure to supply high GWP products from quota
- ✓ Ability to focus on product development



High Speed Rapid Recovery Service



**LAUNCHED
JULY 2017**



RECOVERING REFRIGERANT

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Risk of Injury

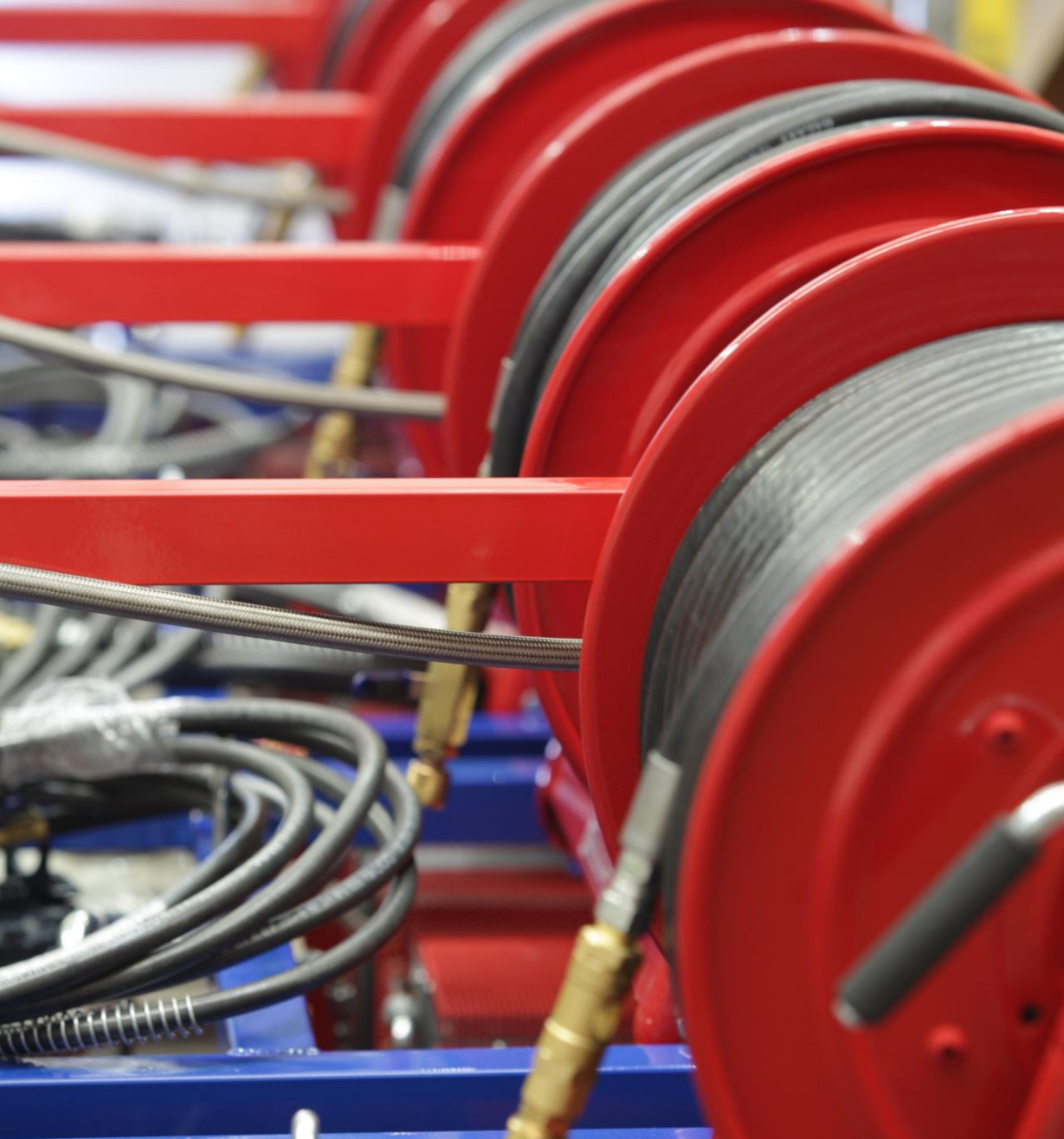
- Loss of life
- Refrigerant burn
- Material handling

Accessibility

- Roof top
- High external wall mount
- Restricted access Plant rooms

COST

- ALL OF THE ABOVE...



MINIMISING THE COST

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Best Practice

- Risk Assessment
- Appropriate equipment
- Fully Trained and competent engineers

Compliance

- Eliminate the F-Gas liability risk
- Live refrigerant recovery reporting, via GTO
- Environmental Liability Reduced
- Available to view

Q & A

THANK YOU FOR YOUR TIME AND ATTENTION



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