



*"Net Zero by Design:
Our Commitment to a Carbon-Free Future"
2025*

"Quality products from concept to installation"



Manufacturing Centre Bonnybridge, Central Scotland



We're reducing emissions, embracing renewable energy, and building a sustainable future—step by step, with purpose and accountability.





Commitment

Our journey toward net zero is more than a commitment—it's a responsibility. As we face the growing urgency of climate change, we recognize the need to transform the way we operate, produce, and innovate. Every step we take is guided by a simple but powerful goal: reducing our carbon footprint to zero, while creating a more sustainable future for all.

This transformation is rooted in measurable actions:

- **Reducing emissions at the source** through cleaner energy, improved efficiency, and sustainable practices across our operations.
- **Investing in renewable energy** and low-carbon technologies that redefine how we power our business.
- **Collaborating with partners and communities** to build a resilient, circular economy that benefits everyone.
- **Measuring progress transparently**, holding ourselves accountable, and adjusting our strategies to stay aligned with science-based targets.

We're not just planning for the future—we're building it now. And though the road is complex, we believe that innovation, collaboration, and integrity will lead us there.



This is our path. This is our promise. This is our journey to net zero.

ENVIRONMENTAL POLICY

REDUCE. REUSE. RECYCLE.

One of the most respected brand names in the catering industry, with an enviable reputation for quality and innovation built over 60 years, steadily expanding, and maintaining a sound profitability, whilst ensuring competitive pricing for the end user. Operating from a purpose-built factory in central Scotland. On site activities are based on the design, fabricating, assembly, and testing of sheet metal parts, creating products and appliances for the commercial catering equipment market. The general maintenance of the facilities, administration and logistical warehousing and distribution.



Green Thinking In-line with current directives to protect the environment E&R Moffat's research and development team continually work on developing energy efficient, eco-conscious products which are fit for purpose, reliable in service, and environmentally friendly. Constantly striving for the efficient use of energy and raw material in production. Minimizing the environmental impact, the products will have in use and disposal. Providing the market place a "green thinking" option. The highly valued workforce, and a policy of multi-skilling allows for manufacturing flexibility and provides a constant source of fresh energy, ideas, and improvements, focused on saving energy whilst delivering practical, efficient performance. The company is also committed to reducing its carbon footprint in every area of operation whilst following all relevant legislation, regulations, and best practices. Preventing, and minimising pollution as far as is reasonably practicable. Constantly updating and investing in high-tech state of the art sheet metal laser cutting punching and metal folding machinery, to minimise waste during manufacturing. Maintaining a packaging and transport system with an innovative delivery technique limiting the use of excessive packaging waste where possible. Materials used in manufacturing are monitored and all excess is recycled. Typically, the recycled metal content in the stainless steel we use is within the range of 85 to 90% this varies due to the availability of stainless-steel scrap. The Volatile Organic Compounds in our units for BREAA declaration are "not applicable". A Lloyds approved manufacturer working to the British standard BS, EN, ISO 9001:2015. E&R Moffat Ltd.'s quality policy is to provide products made to specific requirements within current legislation.

COMMITTED TO REDUCING OUR CARBON FOOTPRINT IN EVERY AREA OF OPERATION

We recognise that virtually all the activities of an organisation or an individual have some impact on the environment. Our aim is to reduce the impact of our own organisation through a program of continuous improvement

- **Quantify** and monitor all environmental impacts of our business
- **Comply** with current legislation and, meet future legislative requirements ahead of relevant deadlines.
- **Integrate** environmental objectives into relevant business decisions in a cost-efficient manner.
- **Require** colleagues to address environmental responsibilities within the framework of normal operating procedures.
- **Minimise** waste, recover as much as is economically practical, ensure the remainder is disposed of responsibly.
- **Develop** appropriate emergency response plans for major incidents to minimise their environmental impact.
- **Influence** suppliers of services and goods to reduce their impact on the environment.
- **Enhance** awareness among customers, colleagues and others who have an interest in our business.

Our logistics transport partner McDowell Haulage & Distribution is a member of the pallet Network. This affiliation allows for maximum optimization of truck space during deliveries, minimising empty running. By leveraging the capabilities of the pallet network, we can ensure efficient and cost-effective transportation of goods.

SIGNED:

E. William Moffat
MANAGING DIRECTOR:

Baseline Emissions Footprint



Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: 2019

UK Gov DESNZ conversions used for units of heating oil, diesel, petrol and electricity. Electricity is location based.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	393.98
Scope 2	184.33
Scope 3 (Included Sources)	We are in the process of collating spend based data for base year and FYE 2024.
Total Emissions	578.31 + Scope 3

Emissions Reporting



Reporting Year: 2024

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	331.10
Scope 2	96.95
Scope 3 (Included Sources)	To be measured: Upstream and downstream transportation and distribution, business travel, employee commuting, waste, services and capital goods. Plan transition from spend to unit based data in coming years.
Total Emissions	428.05 + Scope 3



Reduce—Reuse—Recycle—Repeat

Emissions Reduction Targets



In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

- Reduce scope 1 & 2 emissions by 50% by 2030.*
- Complete measurement of Scope 3 emissions within the next 12 months.*
- Report company GHG emissions on an annual basis.*

*We project that carbon emissions will decrease over the next five years to **289 tCO₂e +S3** by 2030.*

*This is a reduction of **32%** from today or 50% from base year.*



Reduce—Reuse—Recycle—Repeat

Sustainability in Action: Our Story So Far



Environmental management measures and projects completed or implemented since the 2019 baseline.

- *We have cut our **vehicle** CO₂e emissions by **48%**.*
- *Reduced the CO₂e emissions from our **electricity** use by **47%**.*

*The carbon emission reduction achieved by these schemes equates to **150.26 tCO₂e**.*

*This equates to a **26%** reduction against the 2019 baseline due to our current use of oil heaters to heat the factory.*

We are in a rural area and have cut ourselves off from the gas grid.



Reduce—Reuse—Recycle—Repeat

Carbon Reduction Projects



2020

- *Replaced 100% of factory and office lighting with LEDs with the help of RES.*
- *Solar PV and Biomass feasibility study carried out by Amp Energy.*



Reduce—Reuse—Recycle—Repeat

Carbon Reduction Projects



2022

- Replaced CO2 laser cutting technology and air compressors system with a £1.25M investment in state of the art sheet metal fiber optic laser cutting and product part picking automation complete with an energy efficient on demand compressed air system.
- Installed Electric car charging pod points EVs & PHEV.



Reduce—Reuse—Recycle—Repeat

Carbon Reduction Projects



2023

- Outsourced warranty repair to put engineers closer to the repairs.
While this may have just moved fuel used from S1 to S3 , our partner has greater scope for electrification of their local fleet.
We were previously driving from Scotland to our largest market area in South England.
- Replaced factory water heating system to an on demand electric boiler.



Reduce—Reuse—Recycle—Repeat

The Next Step



2026

- *Replace Sheet metal panel bender with innovative next generation panel forming automation, increasing production speed and efficiency, cutting lead times and reducing electricity use by 68%.*
- *Investigating alternative means of heating the factory using electricity with onsite generation and storage.*

As a reputable sixty two year old SME in manufacturing with ninety employees, all future Carbon reduction initiatives will be carefully planned ,accessed, and implemented and must make economic sense.

Our Net Zero Lead is the Company Secretary, a recent attendee of the Scottish Enterprise Net Zero Academy and graduate of IEMA Pathways to Net Zero. He is assisted by Grant Cunningham who has a Bachelor of engineering in energy and sustainability.



Reduce—Reuse—Recycle—Repeat

Goals and Aspirations



- *Manufacturing Process Improvements*
- *Automate energy monitoring*
- *Product Lifecycle Improvements*
- *Design equipment for energy efficiency and recyclability*
- *Launch take-back / recycling programs*
- *Low-carbon Logistics*
- *Switch to electric delivery vehicles*
- *Optimize freight routes for raw materials*
- *Forest restoration*
- *Verified carbon removal technologies*
- *Improve factory building insulation*



Reduce—Reuse—Recycle—Repeat

Insight



This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

The carbon reduction plan remains consistent with the previous version, with no revisions made at this time.

Date: 01/09/2025

Signed : E William Moffat.
Managing Director



Reduce—Reuse—Recycle—Repeat



Reduce—Reuse—Recycle—Repeat

THERE IS NO PLANET B



UKCA
All our products are manufactured
to UKCA standards



Certificate number:
10475058
ISO 9001:2015



2 Year Warranty
All our products are manufactured
to UKCA standards



R290 Refrigerant
All our refrigerated products use
R290 refrigerant gas, reducing
energy consumption by up to 30%

