



International Scientific Supplies Ltd

Unit 6
Valley Road
Bradford
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United Kingdom

Carbon Reduction Plan

International Scientific Supplies Ltd

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Commitment to achieving Net Zero

International Scientific Supplies Ltd is committed to achieving Net Zero emissions by 2050.

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.

International Scientific Supplies Limited

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Company Registered No.4373041 • VATRegNo.GB790146918

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Baseline Year: 2020	
Additional Details relating to the Baseline Emissions calculations.	
<p>Having been a significant contributing manufacturer in support of the COVID Testing Program, we came through 2020 and into 2022 working significant amounts of additional manufacturing hours. We also moved our manufacturing operation into a larger and more energy efficient building, taking the opportunity to freshly install LED lighting and energy efficient air mass heating systems throughout. In mid-2022, we moved our administration and office buildings to a new, more energy efficient site, enjoying better insulation, LED lighting throughout and air mass heating.</p>	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	15,489 kgCO₂e
Scope 2	251,791 kgCO₂e
Scope 3 (Included Sources)	129805 kgCO₂e. (Purchased goods and services, Business Travel, Employee commuting, Waste disposal, Transportation & Distribution in & out. Because of the varied applications of our products both individually & collectively we are still working on a calculation for “use of sold products”
Total Emissions	397,805 kgCO₂e

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Reporting Year: 2023 n/a	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	N/a
Scope 2	N/a
Scope 3 (Included Sources)	N/a
Total Emissions	N/a

Emissions reduction targets

Continuing our progress in achieving Net Zero, we have adopted the following carbon reduction targets.

We project that carbon emissions will decrease over the next 6 years to 338,000 kgCO₂e by 2026. This is a reduction of 15%

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Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to in excess of 31,000 kgCO₂e, a 7.8 % reduction against the 2020 baseline.

- 1) ISS is an injection moulding operation and over the past 7 years we have replaced most of our moulding machines with hybrid, servo powered high efficiency moulding equipment.
- 2) Recently we have installed some traditional cooling equipment internally such that we can use heat generated in our cooling processes to heat our factory thus eliminating the need for additional, conventional space heating systems.
- 3) LED lighting has been fitted throughout the business – Offices, Production & Manufacturing area, and all Warehouse space.
- 4) Air Mass heating systems were installed initially in our Clean Room areas and now throughout all our premises over two sites.
- 5) ISS is currently pursuing options for renewable energy installations and is actively looking into the installation of solar and wind power energy provision.
- 6) Over the course of the last 20 months, we have consolidated our manufacturing into one site and our warehousing from 4 sites to 2 thus reducing energy consumed in travelling and moving product over multiple sites.

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- 7) Our new manufacturing site was built with energy reducing considerations from the outset. We have installed high efficiency compressed air generators with servo drives.
- 8) Lighting in rest areas has been moved to automatic sensing.
- 9) The net consequence since 2020 baseline already stands at 7.8%.
- 10) We have installed an electric charging point at our distribution and administration site.
- 11) Currently 25% (by turnover) of the products we sell are manufactured by third parties. A significant percentage of these are overseas. It is our objective to bring as much of this manufacturing in house, in the UK, as possible as this will lesson our carbon footprint. This program is ongoing.
- 12) The last few remaining externally manufactured plastic subcomponents have now been moved 'in house' reducing our need for road transport and greatly reducing our own internal efficiencies.

Signed on behalf of International Scientific Supplies Ltd

Andrew Littlewood

Managing Director

Date: 9/12/2023

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