

Carbon Reduction Plan 2022

Supplier name: SHJ Hospital Pipelines Ltd

Publication date: January 2023

Commitment to achieving Net Zero

SHJ Hospital Pipelines Ltd is committed to achieving Net Zero emissions by 2045.

Emissions Footprint

Emissions are a record of the greenhouse gases that have been produced in the year January 2022 to December 2022.

The current year emissions will be compared to the Baseline emissions reference point against which emissions reduction can be measured.

Year: 2022	
Additional Details relating to the Emissions calculations.	
Our emissions are based on: <ul style="list-style-type: none">- fuel (diesel and petrol) consumed by the organisation in its sites and owned vehicles based on information derived from bills and fuel cards- Electricity and natural gas used on our sites based on utility bills The reported data is based on the 12 months of data January to December 2022. No Scope 3 emissions have been reported at this stage however the manufacturing of medical gas plant is growing in volume and may need to be taken into consideration in future assessments.	
Baseline year emissions: 2021	
EMISSIONS	TOTAL (kgCO₂e)
Scope 1	228,914
Scope 2	21,972
Scope 3 (Included Sources)	No manufacturing

Total Emissions	250,886 kgCO ₂ e
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Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (kgCO₂e)
Scope 1	217,524
Scope 2	19,744
Scope 3 (Included Sources)	Will not be assessed
Total Emissions	237,268 kgCO ₂ e

Emissions reduction targets

Carbon emissions have been reduced from 250,886 kgCO₂e to 237,268 kgCO₂e which is a reduction of 5.4%. This has been achieved against a background of expansion for SHJ including the development of a training centre in unit 9, recruitment of additional staff and being awarded additional contracts.

The current year includes emissions from additional premises these being:

Howards units 4 & 5
Weatherby unit 707A
Chiltern Unit C

A further review will be undertaken for year 2023.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Our ISO 14001 Environmental Management system has been implemented and completed first year review.

The following environmental management measures and projects that have been completed or implemented since the 2021 baseline are as follows. A number of these are monitored and reported on by our appointed environmental champions.

- Electrification of company vehicles – A further 4 Petrol/diesel vehicles have been sold and replaced with 1 additional electric vehicle and 3 petrol/electric hybrid vehicles.
- Fleetcheck software continues to be used to monitor vehicle movements and monitor fuel usage.
- Reduction in travel using video conferencing
- Management of our waste management system which is achieved through separate waste bins within our offices including for batteries, coffee pods, water filter cartridges
- Reuse of cardboard packaging
- Photocopying is monitored and controlled by photo card.
- Paper use is monitored and recycled paper used.
- Replacement of thermostats on radiators that were non operational
- Hand soap is being purchased in larger bottles to reduce single use plastics.
- Further the use of electricity providers that supply only green energy as and when supply contracts are renewed. Currently approximately 27% green energy.

Within the next 12 months we will implement the following measures:

- Introduction of a no idling policy (linked to fleetcheck software)
- Proposed plan to introduce vehicle cameras that will monitor idling
- Increase the use of electricity providers that supply only green energy as and when supply contracts are renewed.
- Introduction of further electric vehicles in line with vehicle replacement programme
- increased use of LED Lighting and introduction of photocells in all occupied premises
- Plan for the installation of Solar Panels on units 4 and 9
- Investigate installation of air to water heat pumps as replacement of gas boilers. (note: reverse cycle refrigeration units are currently installed in offices and we will review the economics of using these for heating)
- Increased use of LED lighting as areas are refurbished

Declaration and Sign Off

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

Scope 1 and Scope 2 emissions have been reported.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:

A handwritten signature in blue ink, appearing to be 'A. G.', is written above a horizontal dotted line.

Date: January 2023.....

The result for All Sites located in UK for year 2022 is:

237,268 kgCO₂e

If you'd like to report your emissions, you can do so by breaking this down into:

217,524 kgCO₂e

**Scope 1 emissions
(direct energy and processes)**

19,744 kgCO₂e

**Scope 2 emissions
(indirect impact from electricity)**

