

Ascot Laboratories Limited Carbon Reduction Plan

Supplier name: ...Ascot Laboratories Ltd.....

Publication date: ...2025.....

Commitment to achieving Net Zero

Ascot Laboratories Ltd. is committed to achieving Net Zero emissions by 2045 for Scope 1 and 2 emissions in line with the Science Based Targets initiative (SBTi) Net-Zero Standard.

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

Carbon Reduction Projects

Ascot Laboratories has several ongoing initiatives including the development of warehouse and fleet management strategies to reduce Scope 1 and 2 emissions in line with Net zero ambitions.

Scope 1 activities

To reduce direct (Scope 1) carbon emissions, Ascot Laboratories Ltd has transitioned most of the fleet from petrol and diesel vehicles to fully electric vehicles (EVs). This change eliminates emissions from company-owned transport, significantly reducing our operational carbon footprint. The switch to EVs also supports cleaner air around healthcare facilities and demonstrates our commitment to sustainable, low-carbon operations. Charging infrastructure has been installed across the site to support efficient vehicle use and promote long-term sustainability.

Scope 2 activities

AHU Double Plate Heat Recovery System

Ascot Laboratories Ltd has implemented an Air Handling Unit (AHU) with a double plate heat recovery system to improve energy efficiency and reduce carbon emissions. This system captures heat from exhaust air and transfers it to incoming fresh air, minimising the energy required for heating or cooling. By recovering waste heat, the AHU reduces electricity and fuel consumption, lowers Scope 2 emissions, and supports our broader net zero commitment by optimising building energy use in a sustainable, cost-effective way.

Ascot Laboratories Ltd. is planning to introduce a wastewater heat recovery system to capture thermal energy from outgoing wastewater streams. This recovered heat will be used to preheat incoming water for processes and building heating, reducing the energy demand from conventional heating systems. By lowering electricity and fuel consumption, this system helps decrease Scope 2 emissions and supports our net zero commitment by improving overall energy efficiency and sustainability across our operations.

To reduce indirect carbon emissions from purchased electricity, Ascot Laboratories Ltd plans to transition to renewable energy sources, including the installation of on-site solar panels and the procurement of green electricity from certified renewable suppliers. Energy efficiency measures, such as LED lighting upgrades, smart building controls, and optimised HVAC systems, will complement this transition. These initiatives aim to lower electricity consumption, reduce emissions associated with grid power, and support the organisation's broader carbon reduction targets.

Waste

Ascot Laboratories currently sets waste reduction targets across its operations which has resulted in the organisation recycling up to 60% of its waste. We are continuing to work with our service centre teams to increase recycling and reduce single-use plastic.

Future Projects

As part of ongoing sustainability efforts, Ascot Laboratories Ltd plans to expand its on-site renewable energy generation and energy efficiency programs. This includes:

- **Solar Panel Installation:** Installing high-efficiency solar PV panels across suitable healthcare facilities to generate clean electricity, reduce reliance on the grid, and lower Scope 2 emissions.
- **Sustainable Product Design and Packaging:** Reduce lifecycle emissions by optimising formulation and packaging to lower energy use and material intensity. Transition to 100% recyclable or biodegradable packaging.
- **Low-Carbon Distribution and Logistics:** Partner with logistics providers using electric or alternative-fuel vehicles for product distribution. Target 50% reduction in logistics-related emissions by 2035.
- **Battery Storage Exploration:** Evaluating battery storage solutions to maximise renewable energy utilisation and ensure energy resilience for critical healthcare operations.
- **Customer and Healthcare Partner Collaboration:** Support hospitals and pharmacies in reducing emissions associated with the use and disposal of our products. Expand take-back programs for unused or expired medicines to promote responsible disposal.

Declaration and Sign Off

Ascot Laboratories Ltd. is committed to achieving Net Zero emissions by 2045 for emissions scopes 1, 2 and 3. The commitment was made on 31/03/2025 by the Deepak Ghelani – Managing Director.

This Net Zero Commitment has been reviewed and signed off by the board of directors (or equivalent management body).

Deepak Ghelani, Managing Director, Ascot Laboratories Limited:



Date: ...31/03/2025.....