



ISUZU TRUCKS EMISSIONS STATEMENT

WORLD -LEADING TECHNOLOGY SUPPORTING AUSTRALIA'S DECARBONISATION JOURNEY

OUR OVERARCHING STRATEGY

Isuzu Australia Limited (IAL) operates under the global Isuzu Environmental Vision 2050 established by its parent company, Isuzu Motors Limited (IML) Japan.

This long-term framework commits to achieving a sustainable society in harmony with the environment, structured around core pillars including the pursuit of decarbonisation and a resource-circulating economy.

Central to this vision is the goal of achieving decarbonisation throughout the entire product lifecycle by 2050. This entails a dedicated focus on significantly reducing CO₂ emissions from new vehicles and their operational use on a global scale.

To realise this objective, the global Isuzu Group is accelerating the development and implementation of clean energy technologies, including advanced internal combustion engines, carbon-neutral fuels, and battery electric (BEV) and fuel cell electric (FCEV) vehicles. This approach reflects Isuzu Motors Limited's IX strategy, which prioritises practical innovation, multiple technology pathways, and solutions that can be deployed at scale in real operating environments.

Clear interim targets for 2030 align business strategy with this environmental commitment, underscoring Isuzu's proactive responsibility to address climate change and reduce its environmental footprint.

MEETING AUSTRALIA'S EMISSION STANDARDS

In Australia, all new heavy vehicles must comply with Australian Design Rule (ADR 80/04), which mandates that vehicles meet Euro VI (or equivalent) emission standards.

This applies from 1 November 2024 for new models and 1 November 2025 for all vehicles. ADR 80/04 requires significantly lower emissions of particulate matter (PM), and oxides of nitrogen (NO_x) compared to previous standards, contributing to improved air quality and public health.

Compliance necessitates the installation of more advanced and durable emission control systems by manufacturers such as Isuzu. Isuzu has proactively engineered its MY25 range to meet ADR 80/04 requirements ahead of mandated deadlines, supporting a smooth transition for Australian operators and minimising disruption to fleet operations.



INTERNATIONAL STANDARDS

Vehicle emissions standards are globally aligned in objective but differ slightly in stringency.

The United States: EPA and California Air Resources Board (CARB) standards are comprehensive, regulating greenhouse gases (GHG) alongside criteria pollutants like NOx.

The European Union: Euro VI standards for commercial vehicles are particularly stringent on NOx and PM, serving as a de-facto global benchmark.

Japan: The post-Post New Long Term (pPNLT) standards are strict on PM and NOx, broadly equivalent to Euro VI and using harmonised test methods.

Australia: The current ADRs fully align with Euro VI, harmonising Australian requirements with the world's strictest benchmarks and significantly reducing permissible NOx and particulate emissions. Reflecting the fact that most heavy vehicles and all diesel engines sold in Australia are imported, the latest ADR also allows equivalent US or Japan standards.



ENVIRONMENTAL BENEFITS OF ISUZU'S MY25 RANGE

Isuzu's latest ADR 80/04-compliant MY25 engine range plays a critical role in reducing real-world emissions today, while enabling customers to prepare for future powertrain and fuel transitions.

Depending on the model, the range complies with Euro VI Step C or the equivalent Japanese (pPNLT) standards.

The core benefit is a substantial reduction in key pollutants. Compared to previous standards, Euro VI lowers emissions limits for nitrogen oxides (NOx) and particulate matter (PM), building on air quality improvements begun decades ago.

Adopting the latest standards also ensures the use of the most advanced engine and after-treatment technologies.

This enhanced environmental performance is achieved without compromising the durability, reliability, and fuel efficiency for which Isuzu is well regarded.

For many operators, upgrading to the latest ADR 80/04-compliant vehicles deliver immediate emissions reductions across existing fleets, without requiring new infrastructure or changes to operating practices. These advancements complement Isuzu's ongoing work in battery electric and fuel cell technologies, which will be introduced progressively as infrastructure, use cases, and customer readiness evolve.

