

Qube Logistics: Annual Rolling Stock Performance Report
February 2025



In accordance with Condition R4.2 of its Environment Protection Licence, Qube Logistics is pleased to provide the following Annual Rolling Stock Performance Report:

1. Locomotive Overhauls

- R4.2 a) During 2024, one QBX class locomotive underwent like-for-like engine replacement.
- R4.2 a) i) The locomotive is QBX 006.
- R4.2 a) ii) The locomotive underwent like-for-like engine replacement. As part of the replacement a number of other moving components were also replaced.
- R4.2 a) iii) The engine replacement was completed in August 2025.

No Major Engine Overhauls were carried out on other locomotives which are not Legacy Class Locomotives.

- R4.2 b) QBX 006 was tested for compliance with the specified requirements in:
- August 2024: The initial test did not comply with testing standards due to wind and other external environmental issues affecting the test site.
- November 2024: The locomotive failed to meet the prescribed requirements. The EPA was advised of the non-compliance in December 2024. Qube has advised the EPA and is continuing to work with the locomotive manufacturer and the other operator of SDA-1 locomotives to scope further modifications to improve conformance.

In January 2025, the EPA requested information regarding the status of the QBX class fleet noise testing as at 31 December 2024:

Unit	Engine change out	Test date	Comments
QBX 001	n/a	n/a	No routine or planned engine replacements have been carried out on the locomotive
QBX 002	Jan 2023	To be tested	Further modifications to the locomotive are being scoped based on compliance testing of other QBX units
QBX 003	April 2022	To be tested	Further modifications to the locomotive are being scoped based on compliance testing of other QBX units
QBX 004	July 2023	To be tested	Further modifications to the locomotive are being scoped based on compliance testing of other QBX units
QBX 005	Nov 2021	2023	The locomotive did not meet the prescribed requirements during testing and further modifications are being scoped in conjunction with the manufacturer and the other operator of SDA-1 locomotives.
QBX 006	Aug 2024	Nov 2024	See above

2. Angle of Attack

R4.2 c) During 2024, the following exceedances were recorded by Transport for NSW for priority wagon classes on Qube operated trains:

Date	Time	Wagon ID	Angle of Attack measured (mrad)	Site of measurement
1/02/24	5:05:00 AM	CQYY 003287	15.6	Beecroft Up
13/08/24	4:18:00 AM	CQGY 000524	-25	Beecroft Up
13/08/24	4:18:00 AM	CQGY 000524	-19.5	Beecroft Up
13/08/24	4:18:00 AM	CQGY 000524	30.6	Beecroft Up
13/08/24	4:18:00 AM	CQGY 000524	38.2	Beecroft Up
26/09/24	4:31:00 AM	CQYY 003287	18.2	Beecroft Up
1/10/24	3:46:00 AM	CQGY 000535	-22.1	Beecroft Up
1/10/24	3:46:00 AM	CQGY 000535	-16.1	Beecroft Up
5/11/24	3:46:00 AM	CQGY 000514	21.4	Beecroft Up
9/12/24	3:26:00 AM	CQYY 003287	15	Beecroft Up

In December 2024, Qube de-hired wagons CQGY 000524 and CQGY 000535 and both have been returned to the asset owner, Rail First Asset Management.

Wagon CQYY003287 is under lease from Rail First Asset Management and the wagon will be returned for modifications before August 2025.

R4.2 d) Qube owns one priority class wagon, RQTY 000011, and is yet to undertake modification work to the wagon. This wagon will be either modified or removed from service before August 2025