



Qube Logistics: Annual Rolling Stock Performance Report

February 2024

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 2023, like for like engine overhauls were conducted on the following locomotives, all overhaul work was performed by the engine OEM.

QBX002 in January 2023
 QBX004 in July 2023

Noise testing is yet to be conducted for the locomotives listed above.

Noise testing was conducted on QBX005 following its engine change in 2022, this locomotive did not meet the required specification. Qube is investigating engineering solutions and will test the remaining locomotives once a suitable modification is achieved.

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

2. Angle of Attack

R4.2 c) During 2023, the following exceedances were recorded by Transport for NSW for priority wagon classes on Qube operated trains:

Date	Time	Priority wagon class	Wagon ID	Angle of Attack measured (mrad)	Site of measurement
2/02/2023	11:46	CQGY	CQGY 000524	-20.5	Beecroft Up
21/02/2023	9:48	CQPY	CQPY 001733	-18.2	Beecroft Up
28/02/2023	5:54	CQPY	CQPY 001733	-15.4	Beecroft Up
14/03/2023	6:17	CQPY	CQPY 001711	-15.5	Beecroft Up
23/03/2023	10:46	CQPY	CQPY 001718	-16.2	Beecroft Up
23/03/2023	10:46	CQGY	CQGY 000543	-20	Beecroft Up
23/03/2023	10:46	CQPY	CQPY 001728	-16.6	Beecroft Up
18/04/2023	10:35	CQPY	CQPY 001733	-15.7	Beecroft Up
9/05/2023	10:36	CQPY	CQPY 001728	-18.7	Beecroft Up
23/05/2023	11:13	CQPY	CQPY 001728	-15.2	Beecroft Up

5/09/2023	3:51	CQPY	CQPY 001733	-17.1	Beecroft Up
7/09/2023	9:46	CQPY	CQPY 001733	-17.4	Beecroft Up
14/09/2023	10:18	CQPY	CQPY 001728	-23.3	Beecroft Up
14/09/2023	10:18	CQPY	CQPY 001728	-17.2	Beecroft Up
19/09/2023	9:42	CQPY	CQPY 001733	-15.9	Beecroft Up
14/10/2023	16:24	RQTY	RQTY 000011	-26	Beecroft Up
14/10/2023	16:24	RQTY	RQTY 000011	-21.1	Beecroft Up
2/11/2023	10:38	CQYY	CQYY 003287	-15.5	Beecroft Up
2/11/2023	10:38	CQPY	CQPY 001728	-18.3	Beecroft Up
7/11/2023	13:05	RQTY	RQTY 000011	-25	Beecroft Up
7/11/2023	13:05	RQTY	RQTY 000011	-20.8	Beecroft Up

RailFirst, owners of the 2 x CQGY, 3 x CQPY and 1 x CQYY class wagons identified above, advises that none of the wagons identified above had undergone rectification works at the time of the exceedance.

Qube has not yet undertaken rectification works on RQTY000011, which it owns.