



## **Qube Logistics: Annual Rolling Stock Performance Report**

**February 2021**

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) - Major Engine Overhauls were carried out on three 1100 class locomotives which are not Legacy Class Locomotives. These were subject to noise testing after overhaul.

R4.2 b) - These locomotives were tested in accordance with Condition M5.3. Each locomotive complied with the overall noise emission requirements of AS2377 but did not comply with the tonal requirements. This repeated the test results accepted when the locomotives originally entered service in 2011. Qube notes that:

- i. there have been no noise complaints received about this locomotive class, and
- ii. the engineering advice received from the locomotive maintainer is that there are no feasible and reasonable measures available to achieve compliance.

### 2. Angle of Attack

R4.2 c) - According to the data provided by TfNSW, one axle of one priority class wagon registered an angle of attack exceedance in calendar year 2020. This was a CQGY wagon which was detected on 16/12/20. This wagon is one of 25 wagons of this code currently leased by Qube from Chicago Freight Car Leasing Australia (CFCLA). This class is the only priority wagon type currently operated by Qube.

R4.2 d) - CFCLA is undertaking a programme of upgrade to this class of wagon to achieve compliance with condition U5.1.

In accordance with section R4.3, this information has been placed on the Qube website.