

# NSW Trains Annual Rolling Stock Performance Report

Jan – Dec 2024

February 2025

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## Introduction

NSW Trains (operating as NSW TrainLink) under the terms of its Environment Protection Licence (EPL 21369) **Condition R4.2 and R4.3**, is required to prepare and publish an Annual Rolling Stock Performance report for the previous calendar year (1 January to 31 December).

As per condition R4.2 the report is to include:

- a) The number of locomotives operated by NSW Trains, that underwent a major engine overhaul (as defined by the NSW EPA) in the calendar year and for each locomotive:
  - i. the unique identification number of the locomotive
  - ii. details of the class, type/model, the engine manufacturer, and engine model
  - iii. the date of the major engine overhaul
- b) details of all locomotives identified under Condition M5.3 (e) and a summary of the noise mitigation measures in the plan of management required by Condition M5.3(e) that were undertaken and completed during the calendar year.

*Note: NSW Trains does not currently operate any non-legacy locomotives.*

As per condition R4.3 the report is to also include:

- a) the number of the licensee's DMUs that underwent in-service noise testing in the calendar year, the percentage of the Power Cars of each class tested in the calendar year and, for each DMU tested:
  - i. the unique identification number of the DMU
  - ii. details of the class, type/model, the engine manufacturer, and engine model
  - iii. the date of the in-service noise testing.
- b) details of all DMUs identified under Condition M5.4(f) and a summary of the noise mitigation measures in the plan of management required by Condition M5.4(f) that were undertaken and completed during the calendar year, if any.

## Transfer of Intercity Fleet

On 1 July 2024, NSW TrainLinks intercity operations, including the operation of the Hunter and Endeavour Class DMUs, were transferred to Sydney Trains. All compliance activities for the Endeavour and Hunter Rail Class DMUs will be managed as per the requirements of Sydney Trains EPL 12208.

Rolling Stock Performance Report 2024

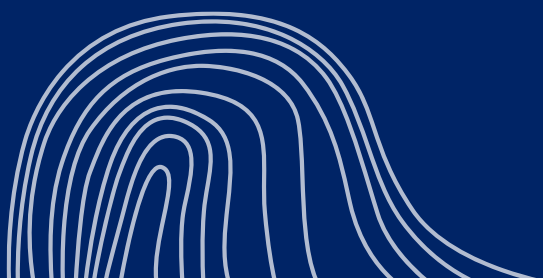
Table 1: Condition R4.2 - Locomotives that underwent major engine overhaul

							In Service locomotive noise testing. Where the noise measurements obtained under Condition M5.3(a) exceed the limits in Condition L3.5 by more than 5dB and/or exhibit tonality in accordance with Condition L3.6, provide details of the management plan below:			
Locomotive Class	Locomotive Identification Number	Type/Model	Engine Manufacturer	Engine Model	Serial Number	Date of Major Engine Overhaul	Proposed feasible and reasonable noise mitigation measures to reduce noise emissions from the locomotive to comply with Conditions L3.5 and L3.6	Timeframe to implement noise mitigation measures	Date Mgmt. Plan submitted for EPA Approval	Date plan approved by the EPA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Number of Locomotives that underwent a Major Engine Overhaul between 1 January 2024 to 31 December 2024: 0. NSW Trains does not currently operate any non-legacy locomotives.										

Table 2: Condition R4.3 - DMUs that underwent in-service noise testing

							DMU noise testing: Where the noise measurements obtained under Condition M5.4(a) exceed the limits in Condition L3.5 by more than 5dB and/or exhibit tonality in accordance with Condition L3.6, provide details of the management plan below:			
DMU Class	DMU Identification Number	Type/Model	Engine Manufacturer	Traction Engine Model	Auxillary Engine Model	Date of in-service noise testing	Proposed feasible and reasonable noise mitigation measures to reduce noise emissions from the locomotive to comply with Conditions L3.5 and L3.6	Timeframe to implement noise mitigation measures	Date Mgmt. Plan submitted for EPA Approval	Date plan approved by the EPA
Hunter	HM2702	RAIL CAR	CUMMINS	QSK19	ISB	16/05/2024	NA	NA	NA	NA
Hunter	HMT2752	RAIL CAR	CUMMINS	QSK19	ISB	16/05/2024	NA	NA	NA	NA
ENDEAVOUR	LE2855	RAIL CAR	CUMMINS	KTA19R	LT10	16/05/2024	NA	NA	NA	NA
ENDEAVOUR	LE2863	RAIL CAR	CUMMINS	KTA19R	LT10	16/05/2024	NA	NA	NA	NA

ENDEAVOUR	TE2813	RAIL CAR	CUMMINS	KTA19R	LT10	16/05/2024	NA	NA	NA	NA
XPLOER	EA2508	RAIL CAR	CUMMINS	KTA19R	LT10	22/06/2024	Request rolling stock maintainer to investigate potential maintenance issues	Implemented	17/09/2024	17/09/2024
							Monitor maintenance services conducted on the class through maintenance service provider audit programs	1 <sup>st</sup> Quarter 2025 then annually	17/09/2024	17/09/2024
							Monitor pollution complaints through existing processes.	Implemented	17/09/2024	17/09/2024
XPLOER	EB2516	RAIL CAR	CUMMINS	KTA19R	LT10	21/06/2024	Request rolling stock maintainer to investigate potential maintenance issues	Implemented	17/09/2024	17/09/2024
							Monitor maintenance services conducted on the class through maintenance service provider audit programs	1 <sup>st</sup> Quarter 2025 then annually	17/09/2024	17/09/2024
							Monitor pollution complaints through existing processes.	Implemented	17/09/2024	17/09/2024
XPLOER	EC2526	RAIL CAR	CUMMINS	KTA19R	LT10	21/06/2024	Request rolling stock maintainer to investigate potential maintenance issues	Implemented	17/09/2024	17/09/2024
							Monitor maintenance services conducted on the class through maintenance service provider audit programs	1 <sup>st</sup> Quarter 2025 then annually	17/09/2024	17/09/2024
							Monitor pollution complaints through existing processes.	Implemented	17/09/2024	17/09/2024
Total Number of DMUs that underwent in-service noise testing between 1 January 2024 to 31 December 2024: 8.										



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