

Notice Type:	Train Operating Conditions (TOC) Waiver	
Subject Title:	Restricted Operation and Dynamic Testing of 94 Class Locomotive	
Operator(s):	Pacific National	
Effective From:	27/09/2024	Effective To: 27/03/2025
Reference Documents:		
Route Access Standard:	RAS General Information	
TOC Manual:	TOC Manual 10	

General Details / Operating Condition:

A Waiver to the conditions of the ARTC TOC Manual and Route Access Standard is issued to Pacific National for restricted operation and dynamic testing of the 94 class locomotive on the ARTC Network.

Restricted Operation:

- The 94 class locomotive is restricted to a maximum of 80km/h while being locomotive hauled in transit to the testing sites.
- When operating as a light engine movement or when the 94 class locomotive is in the lead position, operation will be under block working conditions.

Dynamic Testing Specifics:

- All testing will be in accordance with the Pacific National testing document:
 - “Operational Test Plan Phase 2 Test Activities - 94 Class Locomotive Project - Locomotive Dynamic Tests
- When completing dynamic tests (with exception of traction validation high speed test) the maximum permissible speed is 115km/h.
- The testing will be undertaken between The Rock (km 550) and Uranquinty (km 535), NSW. The train operator and ARTC are to liaise to ensure sufficient safe headway in front and behind the test train for each test with ARTC planning teams.
- Traction Validation Testing:
 - Maximum speed of the traction validation testing is permitted up to 122km/h
 - The test train configuration will consist of:
 - 2 x 94 class and 1 x Trailing Locomotives of 93, TT or LDP class
- High Speed Testing Specifics
 - Maximum speed of the ride performance testing is permitted up to 127km/h (115km/h +10%)
 - The test train configuration will consist of:
 - 2x 94 class and 1 x Trailing Locomotives of 93, TT or LDP class
 - For both tests, the train shall be below 100km/h before it reaches km 549.0, as a 100km/h temporary speed restriction is in place at this position. The test shall follow the following km postings:

- km 536.0 – Depart Uranquinty,
- km 536.5 – Reach 115km/h and hold steady,
- km 539.0 (Approximate) - Accelerate from 115km/h to 127 km/h and hold speed,
- km 547.5 – Decelerate for entry into curve at 548.300km and arrival at The Rock.

Or reverse direction:

- km 549.0 – Depart The Rock,
 - km 548.0 – Reach 115km/h and hold steady,
 - km 546.0 (Approximate) - Accelerate from 115km/h to 127 km/h and hold speed,
 - km 538 – Decelerate to line speed by 535.300km.
- Testing may be repeated if the weather is inclement.

Approval:

Approved by:

Date: