

DISTRIBUTED TO	ARTC website
DISTRIBUTION DATE	22/07/2021
REQUESTED BY	Sydney Rail Services
SUBJECT	Restricted Operation and Testing of Steam Locomotive R766 on the ARTC Network
EFFECTIVE PERIOD	Until published

A waiver to the conditions of the ARTC TOC Manual is issued to Sydney Rail Services for the restricted operation and testing of steam locomotive R766 on the ARTC Network.

Details of the steam locomotive R766 operation are below:

Vehicle Code	Description	Class	Maximum Speed (km/h)	Live Weight (tonnes)	Length (m)	Draw Capacity (MN)	HP	Notes
R 766	Steam locomotive	N/A	80	190.4	23.55	0.9	1250 kW	Refer notes

Operational Notes:

1. The locomotive shall be block worked,
2. The locomotive operation is limited to 80km/hr unless under testing conditions,
3. R 766 is permitted to traverse the ARTC Rail Network for the purposes of testing and transfer. The movements are generally restricted to the main lines only,
4. The trailing load behind R 766 shall not exceed 200 tonnes,
5. Max speed tender first 40 km/h,
6. Locomotive R 766 shall be inspected by a qualified examiner and found fit for movement. In addition, all required inspections and maintenance during the movements shall be carried out and up to date with its maintenance requirements, prior to any movements,
7. Any Hot Bearing or Brake Detectors wayside alarms that are triggered by this locomotive shall not require the locomotive to be brought to a stop due to the high likelihood of a false alarm from the steam engine. However, the alarm shall be communicated with the operator to confirm the locomotives status,
8. Due to signal visibility requirements, there shall be 3 persons operating R 766, at least 2 persons shall be drivers or alternatively a driver and second person who is qualified in signal recognition. The third person is to assist in engine working,
9. Only suitable water service vehicles wagons and passenger carriages may be coupled to the R 766,
10. R 766 shall operate with the headlights on to increase visibility,
11. A copy of this TOC Waiver shall be in the cab of R 766 and in any cabs of locomotives in the train consist with the R class,
12. Operation may be assisted with a suitable locomotive,

13. A copy of this TOC Waiver shall be in the cab of R 766 and in any cabs of locomotives in the train consist with the R class.

Conditions of Testing

1. All testing to be performed in accordance with document "ITP # R766-TDF-001 - R766 INSPECTION TEST PLAN"
2. Speeds during testing shall be incrementally increased up to a maximum speed of testing up to 115km/hr,
3. Light engine testing shall be block worked or in a possession area.
4. No passengers to be in the passenger cars other than the maintenance staff,
5. Testing shall be carried out progressively up to a maximum speed of 115 km/h under the direction of the test engineer.
6. The performance of the vehicle shall be monitored at all times during testing. If the vehicle exceeds the allowable limits, the vehicle speed shall be restricted to speeds which are compliant.

Carolyn Southern**Operations Standards Manager**