

# CBD & South East Light Rail

## Testing and Commissioning

### Frequently asked questions



#### When are trams tested?

Trams are being tested initially at night. Testing occurs from Monday to Thursday from 9pm to 4am.

Day testing will start once night testing has verified that systems are working. These include traffic lights and on-board tram and safety functions. Testing occurs from Monday to Thursday from 10am to 4pm.

As testing progresses, the number of trams being tested simultaneously night and day will increase. Look out for localised notifications in your area or visit the Sydney Light Rail website at [www.sydneylightrail.com.au](http://www.sydneylightrail.com.au)

#### Where will the testing take place?

Night testing has been underway in Randwick and Moore Park since early 2018 and has expanded into day and night testing.

In Randwick, tram testing is along Alison Road, Wansey Road and High Street.

In Surry Hills, testing is along Devonshire Street and Chalmers Street.

In CBD South, tram testing is between Eddy Avenue and Bathurst Street. Testing will then extend into CBD North, from Bathurst Street, along George Street to Circular Quay.

The last section to be tested will be Moore Park, along Anzac Parade, to Kensington and Kingsford.

#### Why do you need to test at night?

Testing is initially done at night to conduct testing of critical functions with the least amount of risk to pedestrians and traffic. During night time testing we can also ensure traffic signals are fully operational, prior to testing with traffic during the day.

#### What does night testing involve?

Initial testing is at a low speed. Over time, testing speeds will increase. There are various

tests undertaken including adding loads to simulate passengers. Functions including vehicle movements, platform and passenger communication systems, electrical systems and traffic integration are also tested.

#### What does day testing involve?

Day testing involves activities that are similar to those for night testing and will include testing of safety functions including the PA and warning bells. The difference is that the trams will start to interact with more motorists, cyclists and pedestrians.

The trams will be tested at speeds that will be close to final operational speeds.

#### How long will testing take?

Testing will continue until the start of passenger services and includes driver training. People will not be able to board trams during the testing period.

#### How will the tram movements affect me?

As a motorist, cyclist or pedestrian around the light rail corridor you should be aware there's a tram there. Remember:

- Road conditions may have changed
- Follow traffic signals
- Check twice for trams
- Trams are quiet, pedestrians and cyclists should look out before they step out, and use designated crossing points
- Motorists are not permitted to drive in the tram lanes and should not queue across intersections
- Bicycle riders are not permitted to ride in the tram lanes, and when travelling through intersections cross the tracks on an angle.



# Frequently asked questions

## **The noise from testing is louder than I expected, what can I do?**

Operating a tram in an area that has not had this type of vehicle before is usually noticeable at first. Noise may be generated by new wheels on new tracks. Testing the trams will assist with wearing in the tracks and wheels. If after a period of tram testing there is still loud noise, track grinding may be required to wear in the tracks and reduce the noise. This will be reviewed as the testing progresses.

Formal noise and vibration monitoring is undertaken at identified locations during tram testing to ensure the noise from the tram meets planning approval requirements. Monitoring will continue for the first three months after the start of passenger services to confirm the noise and vibration levels are within predicted levels.

## **Can I get alternative accommodation during tram testing if it's too noisy?**

At this stage there is no alternative accommodation being offered for tram testing and commissioning.

## **I'm experiencing vibrations during the testing, what can I do?**

The human body is very sensitive to vibration. Mitigations to manage vibration have been incorporated into the design of the track, trams and rail system so it is mitigated at the source.

## **What if my property has not been treated for noise and vibration?**

Contact the ALTRAC Light Rail Community Relations Team for further information.

## **I need to have some property maintenance done, how does tram testing affect this?**

You may need a Permit to Work if you're working within 3 metres of the light rail tracks and near all poles and wires. Details are available at [www.sydneylightrail.com.au](http://www.sydneylightrail.com.au)

### **More information**

If you have any questions about testing and commissioning, contact the ALTRAC Light Rail Community Relations Team about what this might mean for you. Call **1800 684 490** or email [SLRcommunity@acciona.com](mailto:SLRcommunity@acciona.com).