

Transport  
for NSW

# Laboratory Officer in Training Program

Design your Future

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# Road construction materials testing industry.

This industry has a full range of job environments, from the laboratory to the great outdoors. Our laboratory technicians not only test soil, rock, asphalt and concrete materials for use in our roads but also perform a valuable role in ensuring road construction projects are built in accordance with our standards and specifications.

Laboratory technicians work closely with engineers, scientists and project teams. With the diverse knowledge they gain, some have made their way to managing laboratories in a region. Others have gone on to become project managers leading a group of engineers delivering road construction and maintenance projects.

The job opportunities in this industry sector are endless. All you need is determination, an interest in road construction materials testing and the willingness to continue enhancing your skills and knowledge through training.

The road construction materials testing industry needs skilled laboratory technicians. Being a trainee allows you to work both indoors and outdoors and learn a modern trade with sophisticated testing equipment. When you become a master of using the test equipment you will also mentor the next group of trainees.



# Build your future with Transport for NSW.

Transport for NSW is one of Australia's biggest public sector agencies, with more than 25,000 employees and an annual budget of \$14.5 billion. This unprecedented investment in state wide infrastructure, makes it an exciting time to join us.

When you join Transport for NSW you become part of a forward-thinking organisation, which continually improves the delivery of safe and efficient journeys across NSW.

You'll have the chance to work on history making projects and provide a difference to the communities and businesses of NSW.

# Our values

Our values define who we are and how we do things. They are the beliefs that guide our actions and behaviour. They influence the way we work with each other, the way we serve our customers and how we engage with stakeholders.



We put the customer at the centre of everything we do



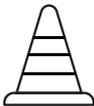
We take responsibility and communicate openly



We value each other and create better outcomes by working together



We deliver sustainable and innovative solutions for NSW's transport needs



We prioritise safety for our people and our customers

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# What is involved?

All trainees undergo a comprehensive and thorough training program for two years. The traineeship combines both 'on the job' (practical) and 'off the job' (theory) training.

You will learn your practical skills on the job, working with fully qualified technicians and become involved with day to day laboratory tests, such as compaction control, material classification and collecting stockpile samples for auditing and field investigations. Academic training will be a Certificate IV in Laboratory Techniques through a recognised RTO.

At Transport for NSW, your TAFE course fees will be paid for. Any other relevant training, such as understanding workplace safety and meeting environmental controls on site will also be provided.

## We are looking for

- Highly motivated individuals
- Team players
- Good communication skills
- Ability to exercise discretion

## Duration

Two years - The successful applicant will be required to comply with responsibilities relating to the terms of the Training Contract as a Trainee, which includes attending structured training and the attainment of Certificate IV in Laboratory Techniques (Road Industry).

## Eligibility

- Completion of Year 12 (Higher School Certificate) or equivalent
- Good standards in mathematics and science subjects

## Common tasks in the laboratory

- Prepare and test soil, asphalt and concrete samples
- Prepare calculations for test results and submit test certificates
- Calibrate test equipment
- Conduct testing on new and existing road sites
- Extract soil and pavement materials from roads, including sampling from stockpiles, to test their properties
- Conduct audits on quarry and road construction sites

# Benefits of the Laboratory Trainee Program



On-the-job training while you earn a wage



Cert IV in Laboratory Techniques with fees paid by Transport for NSW



Opportunity to learn 'hands-on' skills



Access to mentors



Nationally recognised lifetime qualification on successful completion



Flexible work and study arrangements



Excellent career and learning opportunities

# Testimonials

## **Madison Munro**

Laboratory Officer in Training

“I am finding this program to be amazing, supportive & very educational. I love the people I work with, and I find the collective team environment to be very nurturing as I know I can always ask for help and seek guidance. The work undertaken is always different and I am constantly learning new things, not only about the job but also myself & my capabilities as a trainee.”

## **Peter Alkers**

Laboratory Officer in Training

“What I like about the Trainee program is that since I have started at TFNSW I have always felt supported learning the job and be able to ask questions where needed, the TAFE education backs up the on job training which helps to make sense of what you are learning in the Laboratory. Working out in the field testing is great, and the highlight is giving feedback to the engineering team from our testing so they can make good decisions.”

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## **Rach Parkinson**

Laboratory Officer in Training

“I have found the program to be a fantastic experience. It has shown me a whole new side to construction that I never knew existed. I'm constantly learning new things, meeting interesting new people, and visiting places in my own region that I've never been before. I would recommend the trainee program to anyone interested in learning more about construction and engineering. The Hunter Laboratory team have been nothing but supportive and inclusive as I develop my new skills.”



## Locations

Transport for NSW have laboratories throughout NSW, especially in regional locations.

- **Northern** – Ballina, Grafton, Tamworth, Port Macquarie
- **Hunter** – Newcastle
- **Western** – Parkes, Bowenfels
- **South West** – Wagga Wagga
- **Southern** – Russell Vale, Bega

### How to apply

Visit Transport for NSW website for Laboratory Officers in Training.

### Contact

[TSELTPGovernance@transport.nsw.gov.au](mailto:TSELTPGovernance@transport.nsw.gov.au)