



TRANSPORT INFRASTRUCTURE PRODUCT EVALUATION SCHEME (TIPES)

TIPES MAKING NEW TECHNOLOGY ADOPTION SAFE — RELIABLE — CONSISTENT

TAKE THE RISK OUT OF EXPERIMENTING WITH A NEW PRODUCT

Your roads are important. You need to have them safe as well as cost effective. You know there are innovative technologies that can help you do this, but which ones are the right ones? By choosing a Transport Infrastructure Product Evaluation Scheme (TIPES) approved product, you can be more confident, knowing that what you put into your roads is rigorously tried and tested. Don't waste your time with the promise of sales people asking you to trial their product only to find out that it doesn't help you at all. Get them to prove their worth by having them evaluated by TIPES. If it works, TIPES will find out.

WHAT IS TIPES?

TIPES is a process that provides an independent fit-for-purpose assessment of innovative road products and new technologies. Products that fall outside the scope of established standards and specifications can be tested, trialled and proven to be reliable and safe.

TIPES IS FOR ALL ROAD AGENCIES

TIPES is a safe and reliable point of reference, as well as a standardisation of processes administered by one independent body.

The aim of TIPES is to establish a national process for the Australian road industry to follow when adopting new technology and innovative approaches. By doing this we can create a pool of approved products for all road agencies to use.

HOW CAN TIPES HELP YOU?

- One-stop-shop for creating consistency for all.
- Alleviates uncertainty when using new technologies.
- Helps create a pool of approved products for the road industry to use.
- Lessons from past trials across local government and state road agencies can be captured and shared nationally.



HOW TIPES WORKS

Products will be assessed by an expert panel (inclusive of road agency representatives), who will determine what is required to substantiate the proponent's claims for the product. This will involve products being evaluated through a gating process (where products need to pass each stage to move to the next phase of evaluation). These stages are:

STAGE 1



EVALUATION

An evaluation of available product information. This evaluation will be at the product owners cost.

STAGE 2



TEST

An independent series of laboratory tests. This evaluation will be at the product owners cost.

STAGE 3



TRIAL

Field trials will be undertaken to assess real-world performance. It is envisaged that to reduce costs trials may be incorporated into existing road authority / local government projects, with extra costs for the trial borne by the product owner.



WHO IS USING TIPES?

TIPES is a national scheme endorsed by all Australian State and Territory road agencies as well as Queensland Local Roads Alliance, Western Australian Local Government Association (WALGA) and IPWEA QLD.

WHAT DO YOU NEED TO DO?

Request a TIPES certificate of registration from the proponent of a product as a condition of use/purchase/ trial, where:

1. A new or substantially modified product is being considered for use.
2. A product in existing use will be used in a completely new or innovative way.
3. The product has not already been evaluated for a particular application consistent with TIPES.

FOR MORE INFORMATION

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About ARRB

Australian Road Research Board (ARRB) provides research, consulting and information services to the road and transport industry. ARRB applies research outcomes to develop equipment that collects road and traffic information and software that assists with decision making across road networks. ARRB is the leading provider of road research and best practice workshops in Australia.

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