



AURT572593A

**ANALYSE & EVALUATE
WHEELED
MOBILE PLANT
BRAKING SYSTEM
FAULTS
FOR EARTH-MOVING
MACHINERY**





MOTHERS



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FATHERS



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GRAND PARENTS



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CHILDREN



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WHY ?

THE PROBLEM

- Today – there are a large number of mobile plant machinery being operated throughout Australia that **DO NOT COMPLY** with:
- The Coal Mining Safety and Health Regulation
 - The Australian Standard 2958.1-1995 - Earth-moving machinery - Safety - Wheeled machines - Brakes.

At the helm of these vehicles are our

Mothers, Fathers, Grand parents and Children

who are innocently subjecting themselves and

the organisation to an unacceptable level of risk.

AUDITING REVEALED:

- **no uniformity in testing method.**
- **testing operator didn't know what parameters to follow.**
- **in some instances, operators were unable to set up testing equipment.**
- **inaccurate information was recorded.**

SHOCKINGLY:

Some testers would allow machinery to return to production

EVEN THOUGH the results indicated that the

machine DID NOT not pass brake test.

THE SOLUTION

Foundation of the solution for the brake testing guidelines:

UNIFORMITY

ACCURACY

REPEATIBLE

CREDIBILITY

CONFIDENCE

Australia's First!

AURT572593A - Analyse and Evaluate Wheeled Mobile Plant Braking System Faults For Earth-Moving Machinery
Prepared by Joncris Sentinel Services

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WHEELED MOBILE PLANT
BRAKING SYSTEMS FAULTS
FOR EARTH-MOVING MACHINERY**



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**Builds on trade level
competencies**

Certificate III level

**Theory & Practical
Examinations**

A CANDIDATE WILL:

- Understand brake failure analysis
- Comprehend complex diagnosis of multi-system
& intermittent brake faults
- Gain skills to evaluate brake performance
achievements & variations

THE BENEFITS & EFFECTS

AURT572593A – Analyse and Evaluate Wheeled Mobile Plant

Braking System Faults for Earth-Moving Machinery

**is a monitoring barrier that ensures the prevention barriers
are in place and working effectively.**

TO DATE:

- Identified entire model of rigid framed earth moving machinery (rear dump) that was non-compliant with the Australian Standard 2958.1-1995.
- DME notified and solution was sourced.

ADDITIONAL BENEFITS:

- Uniformity to testing**
- Education on appropriate test methods for accuracy**
- Testing is repeatable**
- The test is creditable**
- Industry, company & staff confidence in braking systems**

TRANSFERABILITY ACROSS **INDUSTRIES**

The scope for

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Braking System Faults for Earth-Moving Machinery

is boundless.

It is not limited by vehicles or industry.

THE INNOVATION

The creation and implementation of **Australia's first brake testing training package**

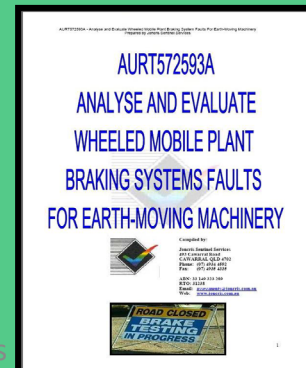


Those working with vehicles can do so with the
confidence that the machine has
successfully passed testing
that is compliant with the
Australian Standard 2958.1-1995
and the
Coal Mining Safety & Health Regulations



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THE PRICE

- **Dependant on your training requirements and the range and/or type of vehicle being tested regularly.**
- **Conducted on the worksite and all competent candidates receive a Statement of Attainment.**

CONCLUSION

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Braking System Faults for Earth-Moving Machinery

IT CAN BE DONE - IT HAS BEEN DONE

IT IS BEING DONE - IT IS NOT HARD

**Thank you for your
time, attention
and consideration**