

ADVANCED BRAKING ACHIEVES KEY CERTIFICATION MILESTONE FOR BRAKEiQ

HIGHLIGHTS

- **BRAKEiQ™ technology** achieves MOSH TRL4 ISO 21815 specification in a major step toward CAS Level 9 certification
- **Confirms BRAKEiQ™ interoperability** with third-party PDS systems engineered to the same ISO standard
- **Independent third-party validation supports deployment** with standards-conscious mining customers globally
- **Follows continued regulatory focus**, including from WorkSafe WA, on heavy vehicle, light vehicle and pedestrian interactions

Perth, Australia: Advanced Braking Technology Ltd (ASX: ABV) ('ABT' or 'the Company' or 'the ABT Group') is pleased to announce that its BRAKEiQ™ technology has been confirmed, through independent testing at the University of Pretoria, as meeting the MOSH TRL4 ISO 21815 specification that forms a critical part of the TRL4-level traffic management program mandated by the Minerals Council in South Africa, representing a major step in progressing CAS Level 9 (CAS9) certification.

The certification confirms compliance with the international interface standard governing collision avoidance and proximity detection systems used on mining equipment. This validates BRAKEiQ™ interoperability with third-party proximity detection systems engineered to meet the same ISO standard, supporting communication between systems within the performance requirements specified by the standard. The remaining compliance pathway now moves to practical, real-world machine testing of BRAKEiQ™.

Achieving compliance is an important technical and commercial milestone for the Company. It provides independent third-party validation of the technology and supports deployment opportunities with mining customers globally seeking standards-compliant safety solutions. The result also strengthens the value proposition of ABT's partnership with RaptorTech Pty Ltd¹ and reinforces the Company's position in the mine safety technology market.

Commenting on the certification milestone, ABT Managing Director and Chief Executive Officer Andrew Booth said:

"This achievement represents an important validation of the BRAKEiQ™ technology. Independent certification against a recognised international standard strengthens customer confidence and supports the broader adoption of advanced safety systems across the mining industry. As the industry continues to focus on reducing interactions between heavy equipment, light vehicles and personnel, proven and independently validated technologies will become increasingly important in protecting workers and improving site safety."

¹ ABT entered into a global agreement with RaptorTech Pty in [October 2024](#) to distribute, market and sell BRAKEiQ.

Industry context

Interactions between heavy mining equipment, light vehicles and pedestrians continue to be reported across Australian mining operations. WorkSafe WA² has identified these interactions as a recurring and critical mining safety risk, with reviews of mine inspections and incident reports highlighting them as a continuing cause of serious injuries and fatalities.

Recent safety bulletins and industry reports indicate that vehicle interaction incidents remain among the most significant operational hazards in surface mining, with regulators placing increased focus on traffic management, proximity detection, collision avoidance and operator awareness technologies. Industry commentary suggests regulators are likely to place growing emphasis on proven safety technologies and demonstrable risk reduction outcomes, rather than compliance-based processes alone, in addressing these risks.

As mining companies seek to reduce the risk of vehicle-to-vehicle and vehicle-to-person incidents, independently certified collision avoidance and proximity detection technologies are expected to play an increasingly important role in both regulatory compliance and operational risk management.

This release is authorised by the Board of Directors.

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About Advanced Braking Technology

Advanced Braking Technology Ltd (ABT) designs, manufactures and distributes its innovative braking solutions worldwide. From its head office in Perth, Western Australia, ABT continues to develop its product portfolio for a diverse range of industries that have a strong requirement for safety and environmental responsibility, including the mining, defence, civil construction and waste management industries.

ABT's innovative braking solutions are well known for their unparalleled safety, improved productivity, zero emissions and durability in the world's harshest conditions. As its reputation has grown, demand for ABT's brakes has expanded internationally with its braking solutions being used in all seven continents across the globe.

² <https://www.worksafe.wa.gov.au/publications/health-and-safety-bulletin-no-9-traffic-management-roads-and-other-areas-where-vehicles>