



Uncontrolled acceleration of light vehicle when 2-way radio was used

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Mine Type

All mine types

Incident

A recently introduced 4 x 4 vehicle accelerated when the button on the vehicle's 2-way radio was depressed. This was subsequently repeated several times and confirmed the incident. While using the radio to transmit at the same time as the vehicle was engine braking down a slope, the vehicle slowed still further. Again, after using the radio several times to transmit, the vehicle emergency engine management mode automatically initiated, resulting in a top speed of approximately 15kph.

Equipment

Equipment involved included both the fitted VHF mine compliant radio and a hand held radio.

Hazard

A light vehicle exhibited uncontrolled movements while the onboard 2-way radio was being used.

Cause

Preliminary investigations have been conducted by the vehicle sales technical services manager. The problem appears to be related to electromagnetic interference with the electronic throttle positioning sensor. Similar issues have been found on certain aftermarket cruise control components.

Comments

Additional information will be released as it becomes available during the investigation.

Recommendations

All mine sites should audit their vehicle fleets to determine if the problem exists, and if so, formulate procedures to reduce the risk to an acceptable level.



Authorised by Chris Skelding - Manager, Safety and Health, Central

Contact: minesafetyandhealth@dnrm.qld.gov.au

Issued by the Queensland Department of Mines and Energy

Placement: Place this announcement on noticeboards and ensure all relevant people in your organisation receive a copy.