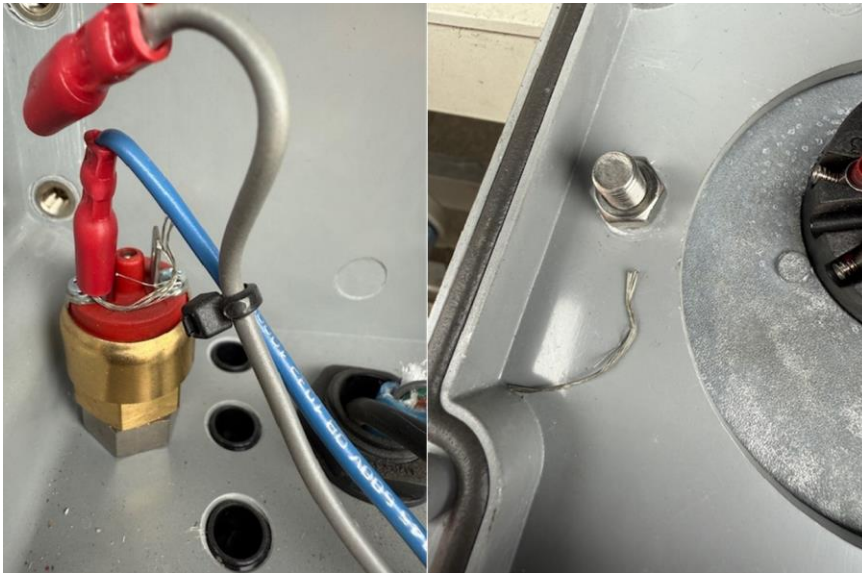


## Safety Alert to Haulier's

Z Energy had an incident this week in one of our gantries where the emergency vents closed/lifted on a haulier's trailer while loading. This could have resulted in a compartment rupture.

Initial root causes appear to be:

- Drop in air pressure during the loading process causing vents to close on the trailer.
- The pressure switch on the air system is designed to stop loading if pressure falls below 4 bar and is linked to the overfill protection system (Scully), which had been bridged out (see photo below). It appears this has been installed to diagnose a pressure system fault and had not been removed before the trailer was returned to service.



*The gray wire has been removed from the terminal for the purposes of taking the photos. But was in place when the bridging wire on the pressure switch was discovered.*

On further investigation another trailer that had been returned from the same workshop has also been found with the pressure switch bridged out.

This is a high potential incident when loading at full flow with closed venting. The pressure in the compartment could cause a failure of the tank barrel and possible loss of containment. This could result in personal injury to driver and/or potential fire in the loading gantry through high pressure release of fuel and ignition through static charge generated by the fuel jetting through ruptured barrel.

**Request** for haulier's to have their fleet checked and confirm there have been no other instances of the pressure switch being bridged out.