# CLIPLOCK demonstrates reliability in testing

**Since its introduction to the Australian transport market a year ago, the CLIPLOCK coupling has gained strong traction among fleet operators who value safety and reliability in their air-brake systems.**

To build further confidence in its long-term durability, GP Truck Products recently commissioned independent laboratory testing, putting CLIPLOCK coupling through an intensive 24-hour vibration test designed to replicate the harshest real-world conditions.

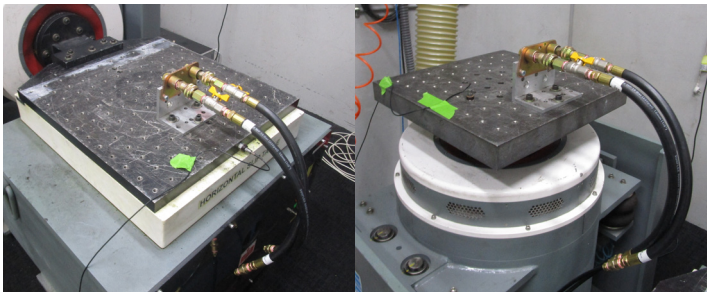
Developed by GP Truck Products, a division of General Pneumatics, the CLIPLOCK coupling was engineered to eliminate one of the most common safety risks in heavy-vehicle operations, particularly unintentional trailer decoupling.

CLIPLOCK's unique dual-stage locking mechanism is designed to ensure a positive, secure connection while preventing accidental release, delivering peace of mind to operators working across Australian harsh and demanding environments.

The independent testing, conducted by Compliance Engineering, subjected the coupling to simultaneous acceleration across three axes – vertical, transverse and longitudinal – while connected to a ball valve and SAE J1402-A rubber air-brake hose.

GP Truck Products Managing Director Joe Borg said the goal of the testing was simple – to prove reliability through objective data – and this endurance test had confirmed the coupling's compliance with ISO 16750-3:2012, the recognised global standard for vibration durability in automotive components.

"We wanted independent confirmation that CLIPLOCK coupling performs under the toughest conditions," said Borg. "Operators rely on these couplings daily and we wanted to show that they can trust the product completely."



Borg said the CLIPLOCK coupling maintained its mechanical integrity throughout the test even without the optional secondary locking clip. He said no wear, cracking or surface degradation was observed after the full 24-hour cycle, providing clear evidence of its robust design and build quality.

For additional safety assurance, the CLIPLOCK coupling can be equipped with a stainless-steel secondary locking clip and bright-yellow visual indicator cable, making it immediately clear when a connection is not fully secured.

The locking clips are also available separately and can be retrofitted to compatible couplings that are machined with the CLIPLOCK coupling groove.

"CLIPLOCK coupling adds another layer of safety and confidence to fleet operators," said Borg. "It is designed to perform, and now we have proven it."

For more information contact:
GP Truck Products **03 9580 1811**
email: sales@gptruckproducts.com.au visit: gptruckproducts.com.au