

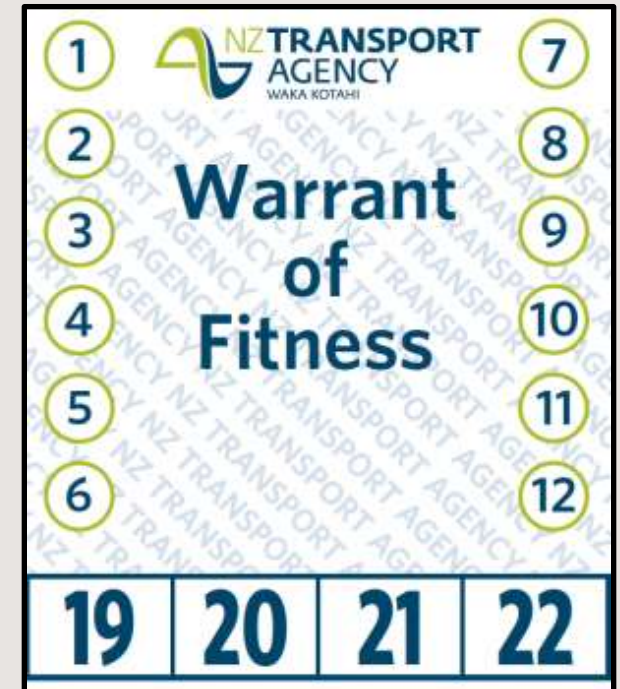
Certified Safe

3M Traffic Safety
Innovation Award

11 May 2021



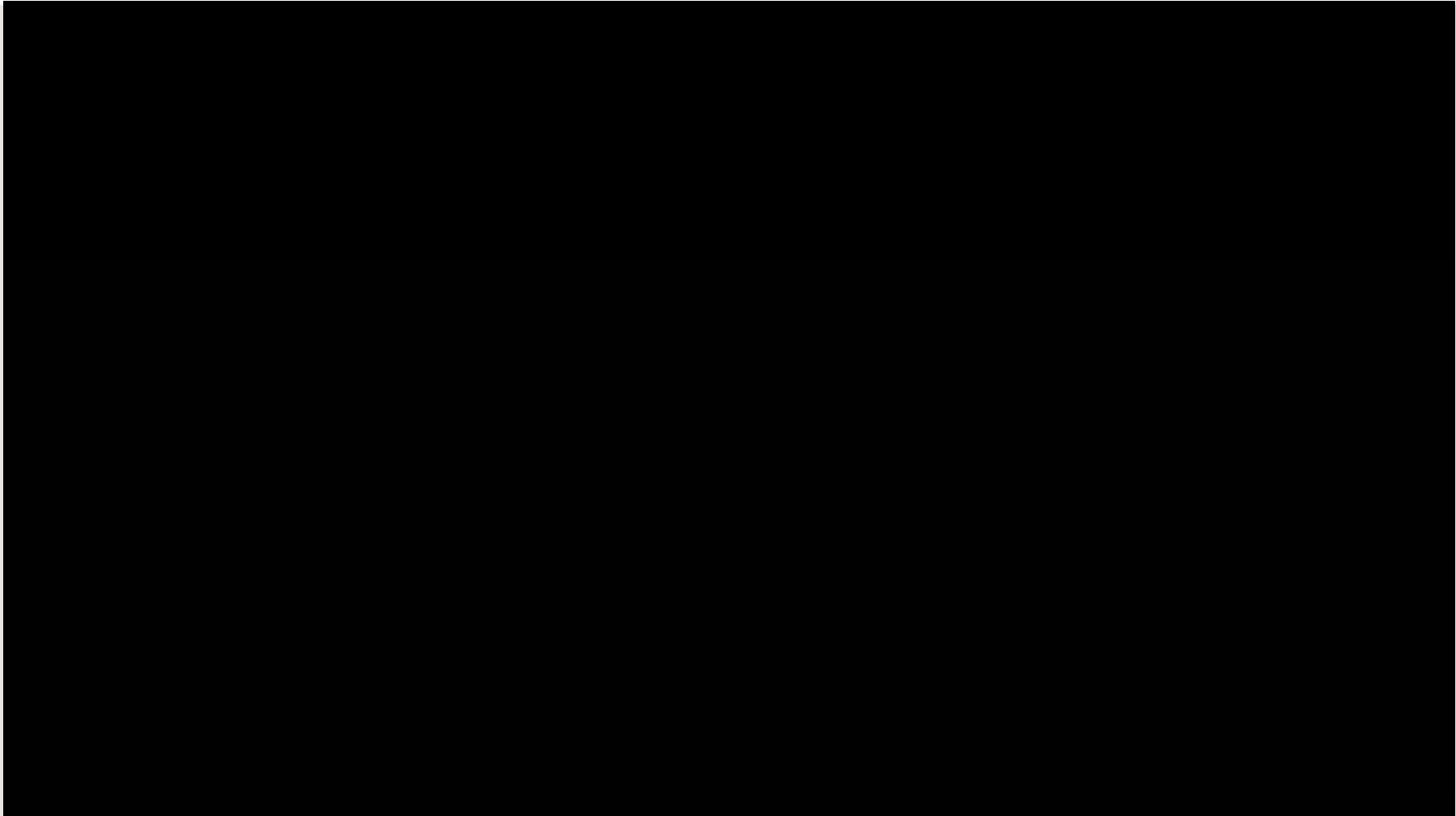
WOF & COF Standards set the minimum, road legal, safety requirements for cars, trucks and heavy machinery in New Zealand.



New Zealand COF & WOF Systems Set the Minimum Standard



But Are WOFs & COFs Enough?



<https://www.youtube.com/watch?v=hEhyeHichGc>

A six monthly, in-house, formal, inspection and certification system for our tucks, heavy plant and machinery.

Confirmation that our additional safety requirements are fitted and working.

And assurance that newly released improvements have been implemented consistently across the fleet.



Certified Safe Confirmation Label

- Forklifts
- Loaders
- Excavators
- Rollers
- Pavers
- Milling Machines
- Heavy Trucks
- Light Trucks
- Domestic Trailers
- Traffic Management Attenuators
- And many more...

If fitted, verify proximity sensors, cameras and any recording devices function correctly
Reverse alarm and/or motion beeper fitted and operating
Flashing light fitted and operates either when reverse-engaged or continuously.
Energy Isolation point sticker must be completed and attached to the vehicle from 1st July 2019 in accordance with the Lockout Tagout procedures.
Safety frame fitted by manufacturer is acceptable.

Asset #		Regn #		Make		Hours	
Inspection Date	/ /	Pass/Fail	P	F	New Expiry Date	/ /	Recheck Date If Failed
Work Order #		Recheck Work Order #					
Inspector Name		Signature					
In signing this checklist the inspector is certifying the plant is safe to use . If machine fails, it must have an 'Out of Service' tag fitted until rectified, rechecked and passed safe for use.							
		Pass	Fail	N/A or Comments/Reason for Failure			
If fitted, verify proximity sensors, cameras and any recording devices function correctly.		P	F				
Reverse alarm and/or motion beeper fitted and operating		P	F				
Flashing light fitted and operates either when reverse-engaged or continuously.		P	F				
Energy Isolation point sticker must be completed and attached to the vehicle from 1st July 2019 in accordance with the Lockout Tagout procedures.		P	F				
Safety frame fitted by manufacturer is acceptable.		P	F				
Check steps, handrails and work platforms are safe and secure		P	F				
Down and lifting points must be marked and secured.		P	F				
Isolation switch must be clearly labeled and locked. Isolation switch must be located as close to the batteries as possible and isolate all circuits. Double locking is preferred. The label for the battery isolation switch must be visible externally on the vehicle.		P	F				
All lights, including amber flashing light must be operational and clean.		P	F				
Labels must be fitted to all controls, levers and switches to identify the action/function. In some cases, it may be easier to take a photograph, write on it, laminate it and place on the vehicle rather than trying to label every control switch/knob. This includes emergency stops.		P	F				
Park brake must meet manufacturers performance requirements. Park brake protected to prevent release by accidental means.		P	F				
Load / reach chart displayed		P	F				
Forks, mast, carriage, chains and sheaves all in good order. No modifications, holes etc to be made without the express permission/approval of the Forklift manufacture or their authorised agent. Check carefully for any signs of damage, wear and cracking. If unsure, seek guidance from the Forklift agent. The fork material thickness should in general be no less than 10% of the thickness of the uprights, if they are, the tips of the forks should be replaced.		P	F				
New Certified Safe sticker displayed. If the label is exposed to the weather, it must be fitted inside a WOF style holder/cover.		P	F				
This form must be completed, signed and handed in to Fleet / Workshop Manager							

- Park Brake Alarms
- Excavator “safe to approach” lights
- Secondary locks to swinging tail doors
- Truck deck props
- Wheel nut indicators
- Battery isolation switches
- Wheel chocks for domestic trailers
- Certified tie down points for load security
- Reversing cameras & Radar
- And many more...



*Deck Props Fitted To Big and Small Truck Decks
(A Certified Safe Initiative)*

1. Identify the risk
2. Design & test improvements
3. Set the requirements
4. Fit to fleet
5. Check fitted and working six monthly



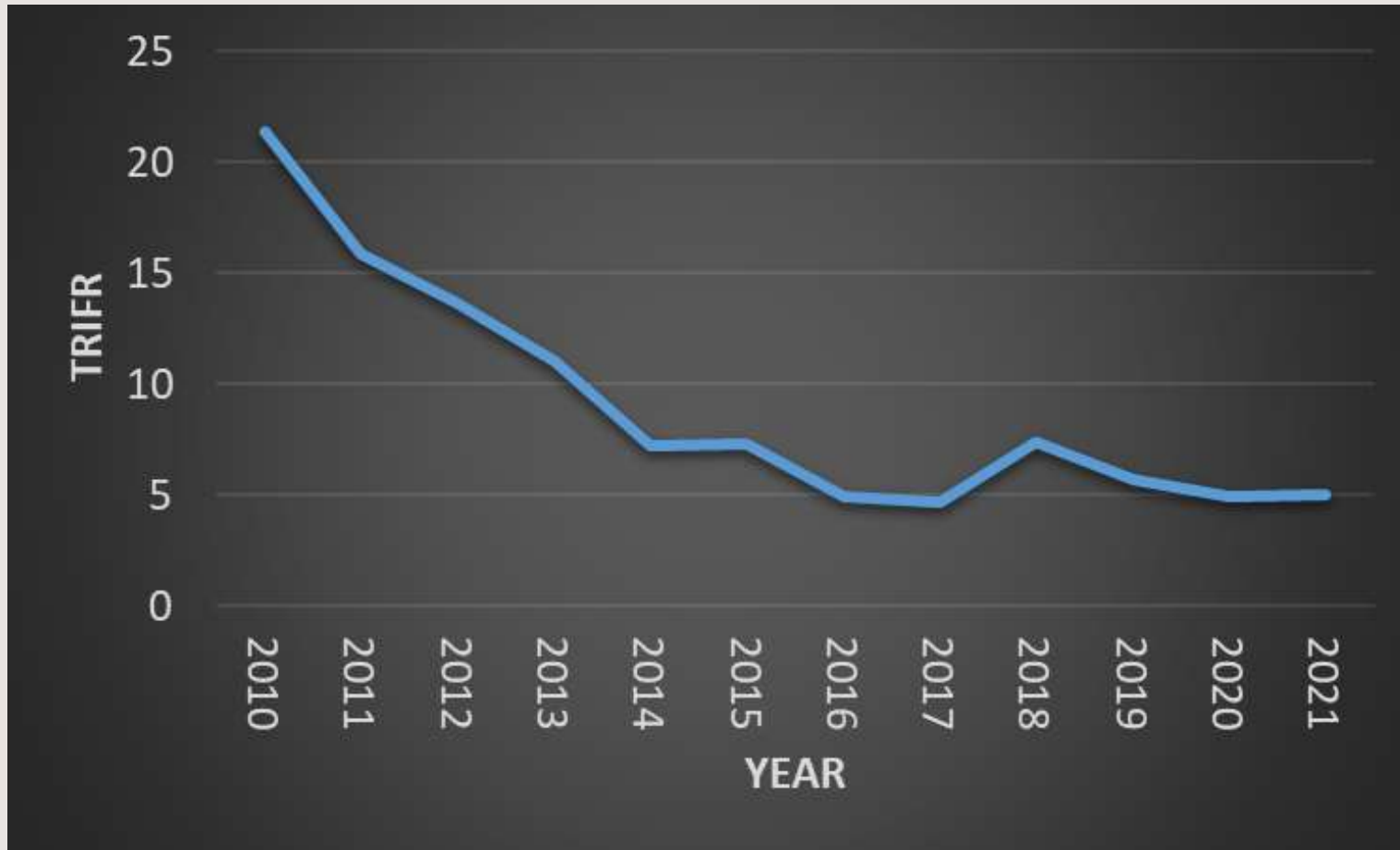
*Reversing Cameras to Heavy Machinery
(A Certified Safe Initiative)*

- Risk Identified
- Secondary (medicine cupboard) door catch designed, prototyped and tested.
- 1500 catches ordered
- These will be fitted between now and November 2021 at each trucks next certified Safe inspection.



Secondary lock to truck cabinet doors – designed and implemented through the Fulton Hogan Certified Safe programme in 2021.

Results



Bill Perry, Fulton Hogan CEO 2008 –
2011 used to say:

***“We know we’re safe because we’ve
checked”***

Certified Safe is simply the disciplined
way that we check that our tucks, heavy
plant, and machinery have been fitted
with the safety features we’ve invested in
to keep out people safe.



*In memory of Bill Perry
Fulton Hogan NZ CEO 2008 - 2011*



Special thanks to...

Graham Eaton

Tim Glanville

Tim Talbot



Living Safely

People at the heart of everything