

FIRE EQUIPMENT NOTE - 128

FTS750 ISUZU FIRE TANKER - 2007 WITH CENTRAL TYRE INFLATION (CTI)

Central Tyre Inflation (CTI) technology has been introduced to the current model FTS750 Isuzu Fire Tanker (2007). Successful trials were conducted in the Horsham and the Heywood fire districts during 2006/07. The CTI technology is being used as an alternative to the current single wheel configuration operated in desert areas.

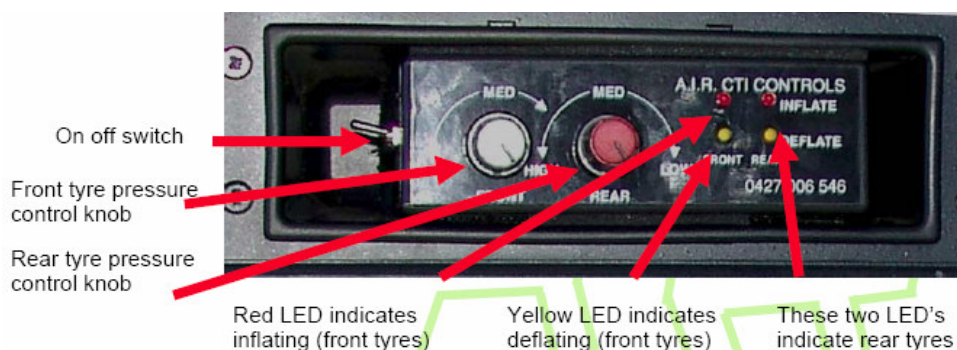
The CTI concept has been introduced by the Fire Equipment Development Centre (FEDC) as a result of new Vic Roads regulations. These would have required reducing the tanker water capacity and / or operating on an annual permit for each appliance.

The CTI controls are centrally fitted into the cabin of the Fire Tanker. This allows the driver to lower or increase tyre pressure from the drivers' seat at the flick of a switch. Lowering the tyre pressure provides a greater footprint, allowing the tanker to traverse loose sand with less effort.

There are currently 8 Fire Tankers in the West of the State which will all be updated with CTI configuration during 2008.



Due to the success of operational trials conducted in the North West of the State, Mildura Fire District has upgraded the District First Attack Dozer (FAD) transporter and tip truck to CTI. The aim is to have the FAD delivered closer to the fire line, which is difficult to achieve with conventional dual wheeled vehicles in sandy terrain.



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March 2008

Truck Specifications

Engine: Model 6HHI – S 150kW @ 2850rpm
Fuel Capacity: 200lt

DIMENSIONS:

Weights:

GVM 13000kg
Tare 8200kg
Axle Capacity (Front) 4700kg
Axle Capacity (Rear) 9200kg

Width:

Vehicle Scrub Bar 2540mm
Mirror to Mirror 2700mm

Length:

Overall 7520mm

Height:

Top of Lights on Cabin 3150mm

Water Tanks:

Front 2600lt
Rear 1200lt

Tyres:

Michelin XZY
900 X R20 X 14ply

Pressure:

Front 700kpa
Rear 675kpa

