

4<sup>th</sup> April 2016

**DFV100 - A safety and W&M approved register for LPG**

The DFV100 series is the latest advancement in Liquip's range of electronics, featuring as a stand alone register, level gauge monitor or combined unit.

The DFV100 provides reliable and accurate service combined with long service life and simple operation.

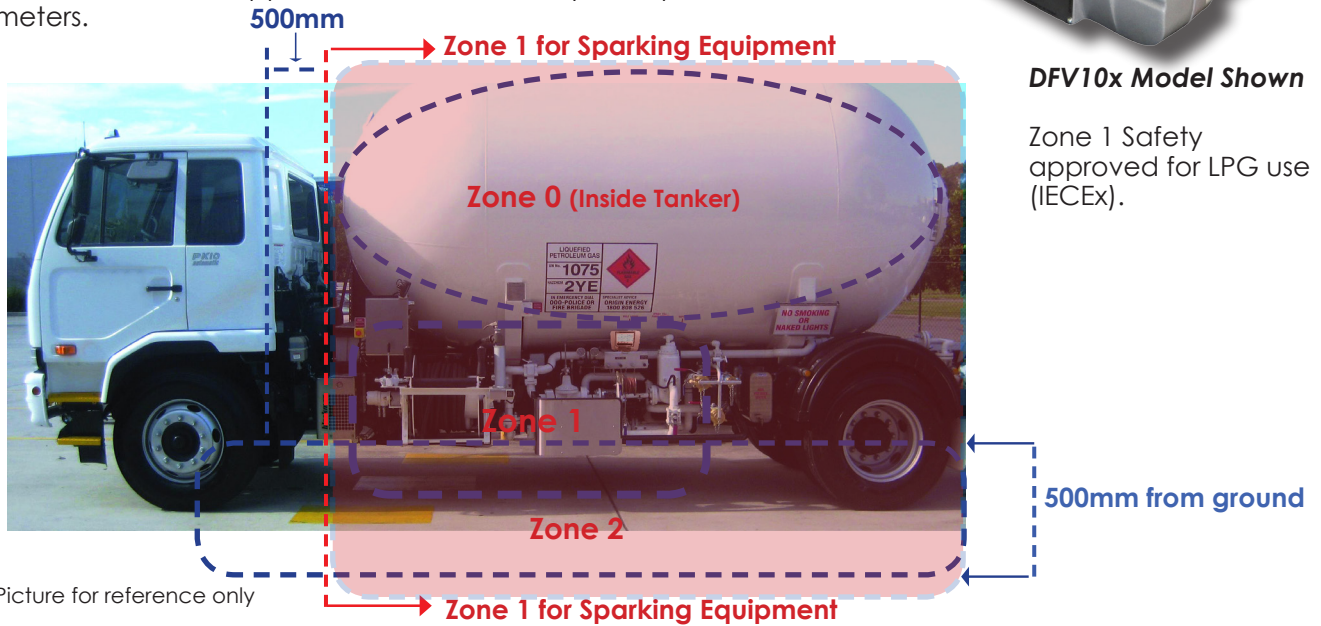
The DFV100 is approved for use in hazardous areas (Zone 1) either truck mounted or fixed site product transfer applications.

The DFV100 is NMI approved for all commonly used pulsers and meters.



**DFV10x Model Shown**

Zone 1 Safety approved for LPG use (IECEx).



**Hazardous Area as defined by AS2809.3-2008**

**Section 2.6.6 Sparking Equipment**

Any sparking equipment such as relays or switches with make-and-brake contacts mounted 500mm or greater from the rear of the cabin or in a hazardous location as defined in Clause 2.6.6 shall be suitable in use for Zone 1.

**Section 2.6.3 Hazardous Locations**

Any electrical equipment that is required to be active during cargo transfer and that is located within a hazardous area shall be for use in such an area. The following hazardous areas shall be deemed to exist at all times:

**Zone 1** - Within 500mm of any point of product release shall be Class 1, Zone1.

**Zone 2** - Rear of the cabin and 8 meters radially from any uncapped valve or transfer connection from ground level to a height of 500mm.

The above information is obtained direct from the standard. Installers must perform their own evaluations.

Note: Also reference AS/NZS60079.10 and LPG Handbook SAHB148.

**AUSTRALIAN APPROVALS SUMMARY**

- Liquip IECEx Approval: IECEx TSA 14.0021X
- Liquip Weights & Measures Approval: NMI S609 and P10/2/17 (ACME) or 10/2/19 (Turbines Inc).

