



THIS IS CONFIDENTIAL INFORMATION.  
THIS DRAWING AND DESIGN IS THE PROPERTY OF LIQUIP INTERNATIONAL PTY LTD.  
IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WHATSOEVER AND/OR PASSED ON  
TO ANY THIRD PARTY WITHOUT WRITTEN AUTHORITY.

LIQUIP INTERNATIONAL PTY LTD - ENGINEERING DEPARTMENT - 13 HUME RD SMITHFIELD SYDNEY NSW AUSTRALIA 2164  
PH: +61 2 9725 9000 FAX: +61 2 9609 4739 EMAIL: engineering@liquip-nsw.com.au

**TECH TALK 0087**  
**AS1596:2008 - STORAGE AND HANDLING OF LPG**  
**07/10/2008**

**Please Note:**

AS/NZ 1596 has recently been updated and re-issued as 2008 edition. DG has a full listing of changes in every detail but few personnel in Liquip will have need for this. Therefore only highlights are presented here which you are more likely to meet in normal business.

**3.8 New Clause**

"All pipes, valves and fittings for service with LP gas liquid shall have a minimum design pressure rating of 2.4Mpa".

**5.6.2 Joints (Gaskets)**

- (c) "Spiral wound metal gaskets with a minimum temperature rating of 550°C shall be used for flange connections on liquid phase piping".
- (d) "Compressed fibrous gaskets or o-rings shall only be used on encapsulated flanges where it is impracticable to use spiral-wound gaskets.

**5.6.4 Flexible Pipe Connections**

- (b) This has been reworded:  
"A flexible connection shall be of metal construction designed for bursting pressure not less than 12Mpa and tested to not less than 3.6Mpa".

**11.5.5 Hoses**

- (b) "Hoses and couplings... shall at the end of 5 years service be either
  - (i) Replaced or
  - (ii) Tested at 2.4Mpa every year thereafter

Previously required yearly test from new

- (c) Requiring electrical continuity testing of hoses has been *REMOVED*

**11.11.5 Procedures after Tanker Transfer**

Old note in 10.11.5 (g) "the isolation switch in the field circuit of the generator or alternator shall be closed" has been *REMOVED*

DG 3-10-08