



## ELAFLEX PACIFIC PTY LTD

ABN 70 003 275 250 - [www.elaflex.com.au](http://www.elaflex.com.au)

# NOZZLE INSPECTION SHEET FOR: LG30S & GG30S GASGUARD NOZZLES

## NOZZLE INSPECTION – RECOMMENDED EVERY 6-12 MONTHS

1. Check for any apparent physical damage to components of Nozzle.
  2. Inspect Connector Nut and Nose Piece seals for damage (i.e. cuts or excessive wear).
  3. Check that there is free rotation of Connector Nut. Make sure the Pawl and Pawl Spring are functioning correctly. The Pawl should not be interfering with the ratchet lugs on the Connector Nut when the Lever is inactive.
  4. Inspect the nozzle Inlet Swivel. The Swivel should be secured by the Grub Screw through the nozzle body.
  5. Check the free movement of the Valve through the Slide Sleeve Assembly when not connected to an adaptor, (i.e. activate the Lever several times) making sure there is free movement forward and the Valve returns to its inactive position. Remove the Connector Nut Assembly and clean and lubricate component if movement is not free.
  6. For the 'LG' model, inspect the Latch Assembly making sure that the Bushes are firmly attached to the Latch Pin. The Latch Spring must hold the Latch above the Lever Latch Pin in order for latching to take place. For 'GG' model, make sure the Latch freely hooks and unhooks the Latch Pin on the Nozzle Body.
  7. To check valve function, fit a blanked Bayonet adaptor, with ball valve, and rotate so that the cross pins sit behind the stainless steel insert. Activate the Lever and check for Valve opening (there is usually an audible "click"). Whilst the valve is open, use soapy water around the front of the slots in the Connector Nut to check for Nose Seal and "U-cup" seal leakage.
  8. Using soapy water, check for leaks at Inlet Swivel, Nozzle Body & Valve Assembly.
- N.B.* If there is Seal leakage or component damage, it is recommended that the seals associated with the leakage and components, be replaced. Refer to ELAFLEX's Repair and Maintenance Manuals for disassembly, re-assembly and testing of all Nozzles. Visit the ELAFLEX website [www.elaflex.com.au](http://www.elaflex.com.au) or your **local Distributor** for repair and maintenance information.

## TWENTY-FOUR MONTH INSPECTION

ELAFLEX recommends that a new Seal Kit be fitted throughout the Nozzle. This will extend the service life of the Nozzle and reduce the occurrence of Nozzle downtime in service. Refer to the GasGuard Repair and Maintenance Manuals for more detailed information.

**DISCLAIMER:** Due to our policy of continual improvements in the design features, we reserve the right to alter the specifications and design at any time without notice. The LG30S & GG30S GasGuard Nozzle is a mechanical device which has a finite life, depending on environmental and operational conditions. Since it is handling hazardous flammable liquids, it is essential for continued satisfactory operation that periodic inspection and maintenance be carried out by fully trained and experienced personnel adhering to International LPGas (propane) Industry safety procedures and standards.