



Identification of fuel gas regulators without over pressure protection

Following on from [Safety Alert 111](#) (12 November 2022), there are requirements in *AS/NZS 1596 The storage and Handling of LP Gas*, *AS/NZS 4645 Gas distribution networks*, and *AS/NZS 5601 Gas Installations*, that gas systems (pipework and appliances) are protected from over pressurisation. One way to ensure this is achieved is to have the correct regulators that provide over pressure protection (OPP).

Below are examples of fuel gas regulators that do not provide OPP. This is not an exhaustive list of non-OPP regulators, but this list is provided for fuel gas networks, gas work licence and authorisation holders and gas system owners to assist in the identification these types of regulators.

If these non-OPP regulators are identified, and there is no other means of protection, then action needs to be taken to protect the gas system from over pressurisation. This would generally result in the replacement of the regulator to one that provides OPP. It is also recommended that regulators are replaced at intervals recommended by the manufacturers, or if not specified, as per an engineering assessment or every 15 years.











RSHQ's Petroleum and Gas Inspectorate would like to acknowledge Gas Energy Australia (GEA) for providing some of these photographs.

More information

You can find our more information by visiting our website: [Petroleum and gas safety and health | Business Queensland](http://www.petroleumandgas.qld.gov.au)