

Ref: TB16-02	Date: Dec 2016	Corrugated steel LPG cooker hose assemblies to BS EN 14800	BSS Check(s) 7.9.1R; C7.13.1
<p>Reasons for inclusion</p> <p>A major UK manufacturer/supplier of LPG hose assemblies for cookers has replaced its BS 669 nitrile rubber based products with corrugated steel hose versions meeting the BS EN 14800 standard.</p> <p>Such hose assemblies are used exclusively to connect free-standing domestic style cookers to the pipework supply and are suitable for both natural gas and LPG fuels.</p> <p>The hose assemblies are now available through major suppliers such as Screwfix, Plum Center and BES and at least one such hose assembly has already been found in a boat.</p> <p>This technical bulletin is necessary to alert all examiners to the acceptability of the hose assemblies in meeting the relevant BSS checks.</p>			
<p>Description / scenario</p> <p>Tesla UK, manufacturers and distributors of the product available through Screwfix and other outlets, confirm that the hose assemblies are suitable for use with LPG to connect free-standing cookers on boats, subject to the gas engineer's assessment that installation is in accordance with BS 6172.</p> <p>UKLPG, Gas Safe Register and the relevant BSI committee have endorsed the approach taken in this Technical Bulletin</p> <p>The assemblies are constructed using a corrugated stainless steel tube protected with a stainless steel braid and PVC outer cover. They use the same designs of bayonet fitting as the BS 669 part 1 hoses and can therefore be used with the same sockets.</p> <p>The manufacturers regard hose assemblies meeting BS EN 14800 as superior products to BS 669 nitrile hose based products as they are not susceptible to ozone deterioration.</p> <p>BS EN 14800 requires products to undergo numerous tests including bending, flexing and impact resistance. The assemblies are also tested for structural strength and tension testing, corrosion resistance and salt spray test and fire resistance.</p> <p>Assemblies meeting the standard should carry the permanent marking 'BS EN 14800' along the hose or on the ferrule.</p>			
<p>Implications for BSS examinations</p> <p>Pre-made proprietary hose assemblies conforming to BS EN 14800 may be used to connect free-standing cookers to LPG supply pipework. Such hoses must have the standard number marked on the hose assembly or ferrule.</p> <p>If seen, it can be considered as meeting Check Items 7.9.1R and C7.13.1.</p> <p>NB: Checking procedures at 7.9.1R and C7.13.1 will be amended to refer to the acceptability of hose assemblies to BS EN 14800 at the next opportunity. Assemblies to BS 669 meeting the associated condition checks remain acceptable.</p> <p>With reference to the final 'applicability' at 7.9.1, the portable appliance connection checks at 7.10/C7.14 apply to BS 669 and BS EN 14800 assemblies.</p>			
			