



# Liquefied Petroleum Gas Inspection Checklist

Cayman Islands Government  
 Department of Planning  
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RESULT OF INSPECTION	
Pass	
Failed	
Partial Pass	

Applicant: \_\_\_\_\_ Permit No.: \_\_\_\_\_ Block & Parcel: \_\_\_\_\_  
 Date: \_\_\_\_\_ Site Address: \_\_\_\_\_

INSPECTION ITEMS	A	D	N A
1. Check the plans and additional data – SGC 104.2.2-2			
2. LPG Containers shall be located outside of the building – NFPA 58 6.2.1			
3. Cylinders under 125 gallons filled on site shall be a minimum of 3' from windows or openings and a minimum of 10' from window AC NFPA 58 fig. 1.1(a)			
4. Cylinders under 125 gallons filled on site shall be a minimum of 5' from Central AC NFPA 58 fig. 1.1(b)			
5. Cylinders over 125 gallons shall be located 10' from building and property line NFPA 58 fig. 1.1(b)			
6. Cylinders over 500 gallons shall be located 25' from building and property line NFPA 58 fig. 1.1(b)			
7. Underground cylinders under 2,000 gallons shall be located 10' from building and property line NFPA 58 fig. 1.1(c)			
8. Loose or piled combustible material, weeds, long grass shall be separated by a minimum distance of 10' – NFPA 58 6.4.5.2			
9. Containers shall be readily identifiable. approved and listed NFPA 58 5.2.1.1			
10. Cylinders that are expired shall not be used – NFPA 58 5.2.2.2			
11. Vertical containers over 125 gallons shall be designed with steel supports and secured per NFPA 58 5.2.7.1-2			
12. Valves, regulators, gauges and other containers shall be protected from physical damage – NFPA 58 5.7.8.2			
13. LPG shall not be installed in prohibited locations such as elevator shafts. Clothes chutes, ducts – NFPA 54 7.2.5			
14. Pressure relief valves shall be installed so that gas is vented away from container to open atmosphere – NFPA 58 6.7.2.3			
15. Verify that all piping in the ground is suitably protected – SGC 308.31-2			
16. Flexible connectors must be designed for LPG – NFPA 58 5.9.6.1			
17. Any gas fired appliance located within a garage shall be located 18" above the floor – SGC 402.7.1			
18. Provide combustion air requirements in confined spaces – SGC 402.4.4.1			
19. Pipe shall be wrought iron, steel, brass, copper or other approved materials – SGC 306			

INSPECTION ITEMS	A	D	N A
20. Provide CO/gas detector (BCU Policy)			
21. Piping through foundation wall shall be encased in a protective pipe – SGC 309.12.1			
22. Each aboveground portion of a gas piping system upstream from the equipment shutoff shall be electronically bonded – SGC 309.2			
23. Piping above ground outside shall be securely supported – NFPA 54 7.2.1			
24. Piping above ground inside buildings shall be sloped ¼ in 15' NFPA 54 7.2.4			
25. Inspect gas pipe for leaks and tightness – SGC 311.1			
26. Gas fired appliances shall be equipped with automatic devices designed to shutoff flow of gas to the main burner and pilot – NFPA 58 5.7. (B)			
27. Test pressure shall not be less than 1.5 times the working pressure but not less than 3 psig. NFPA 54 8.1.2 Test the gauge – SGC 311.3			
28. Shutoff valves shall be placed so that they are readily accessible SGC 310.1			
29. Piping underground beneath buildings shall be encased in approved conduit – SGC 309			
30. Fittings for polyethylene shall be made by heat fusion, by compression-type mechanical fittings and not of the threaded type – SGC 306.4.2			
31. An approved LPG container shall be located upon a firm foundation or otherwise secured, cylinder shall not be in contact with ground – NFPA 58 6.6.2			
32. Pipe and fitting shall be free from cutting burrs and defects – SGC 306.5			
33. Buried metallic pipe and tubing shall be installed with a minimum of 12" of cover and increased to 18" if external forces is likely to damage pipe – NFPA 58 6.9.3.12			
34. Venting of appliances shall be in accordance with – SGC Chapter 6			
35. Check for connection to appliances, purge lines, light pilot lights – SGC 313.1-2			
36. Check for approved gas piping, SGC 902.1-2			
37. Piping in solid floors shall be laid in channels and covered to permit access – Piping in solid floors shall be laid in channels and covered to permit access – SGC.4.2			

Note: This form is intended as a general checklist and is not intended to address all possible conditions of approval.

A = Approved, D = Disapproved, NA = Not applicable

Notes: \_\_\_\_\_  
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