Commissioner **Singapore Civil Defence Force** **HQ Singapore Civil Defence Force** **91 Ubi Avenue 4** **SINGAPORE 408827**	**SAFETY CHECKS ON LPG MANIFOLD SYSTEM FOR P&FM STORAGE** **NEW** ☐ **RENEW** ☐

Instructions:

a. All details must be duly completed upon submission, failing which the submission for P&FM Storage licence shall be rejected.

b. Please attach the photograph documentation as listed in this checklist.

Reference No. :

To be completed by LPG Supplier or Dealer

Name of Licensee (Company):

Storage Address:	Postal Code:

* Particulars of system to which this licence relates:

(01) **LPG cabinet and pipe system** - according to approved plan	
(02) **LPG Cabinet** (i) Number of LPG cylinders tallies with the approved plan (____ x cabinet of _____ x 50 kg cylinder) (____ x cabinet of _____ x 14 kg cylinder)	
(ii) Well-ventilated and locked	
(iii) Placed on firm, clean, dry and level base	
(iv) Maintained at a safety distance from passageways and exits	
(v) Proper housekeeping (No storage of unwanted items near LPG cabinet)	
(vi) Corrosive, toxic, or oxidising materials stored at least 6 m away from the installation	
(vii) Ignition sources at least 3 m away from the installation	
(viii) Proper information panel / warning signage	
(ix) Hydrant (located at least 10 m away from LPG manifold system)	
(x) No unprotected openings within 1.5 m measured horizontally (e.g. windows, doors, air vents, balanced-flue outlets, etc)	
(xi) Escape routes/aisles are kept clear of obstruction at all times	
(xii) Drains, pits, manholes and inspection chambers within 1.5 m must be covered	
(03) **LPG System** (i) Valves, pressure gauges, regulators, emergency pull, knock out pot and vaporisers are in good working conditions	
(04) **Safety checks** (i) No leakage on all joint connections	
(ii) No cracks on pigtails / hoses and no corrosion on pipes	
(iii) Fire-stop provided at wall penetrations for piping	
(iv) Gas piping is not being used as a grounding conductor	
(05) **Fire protection system** (i) Fire extinguishers are mounted on wall Date of expiry: _____	
(ii) Fire hose reel Date of servicing: _____	
(06) **Electrical appliances** (i) All wiring shall be in conduit	
(ii) Lighting installations are of flameproof type	
(07) **Pressure test report endorsed by Mechanical P.E.** (applicable for new and renewal applications at every 5 years) Date of latest report: _____	
(08) **Records of safety checks and training**	

Please indicate (✓) if complied or (X) if not complied or (NA) if not applicable, in the boxes above.

To be completed by LPG Supplier or Dealer

Inspection Remarks: _____

_____

_____

_____

I, _____(Name), _____(NRIC/FIN), hereby certify that the above system(s)** has/have been checked and maintained and is/are found to be in good working condition up to the points of consumption.

Name of LPG Supplier or Dealer:

Company Address:

_____ _____

Signature & Stamp of LPG Supplier or Dealer Date

To be completed by Licensee

I, _____(Name), _____(NRIC/FIN), hereby acknowledge that the above system(s)** has/have been checked and maintained by LPG Supplier/ Dealer and is/are found to be in good working condition up to the points of consumption.

Name of Licensee (Company):

Email Address of Licensee:

_____ _____

Signature Date

To be completed by Premises Owner/ MCST / Town Council/ Others (where Licensee is not the Premises Owner)

I, _____(Name), _____ (NRIC/FIN), hereby acknowledge that I have been informed of the LPG installation and its associated storage and use on the premises, and that all particulars relating to the LPG licensee stated in this checklist are true and correct to the best of my knowledge.

Name of Premises Owner/ MCST/ Town Council/ Others:

_____ _____

Signature Date

Required Photograph Documentation

Please furnish the following photographs of the LPG manifold system:

1. LPG cabinet & Manifold System
    a. Overview of LPG cabinet showing external piping and ancillary equipment (e.g. pressure gauges, regulators, emergency pull, knock out pot, vaporizers, etc). Please provide multiple photos from different viewpoints
    b. Full-view of LPG cylinders in the opened cabinet
    c. Good housekeeping practices:
        i. No storage of unwanted items near LPG cabinet(s)
        ii. No obstruction to fire extinguisher, hose reel
    d. Close-up view of:
        i. LPG pigtail hose
        ii. Emergency Information Panel
2. Firefighting Equipment (Fire Extinguisher, Hose reel)
    a. View of nearest fire-extinguisher and hose reel
    b. Close-up view of maintenance labels

Please include these photos in a PDF document. To minimise the file size, please compress the photos in the Word document before converting it to PDF.