

Guideline for Electric Vehicles Charging Facilities at Liquefied Petroleum Gas Filling Stations

- 1.1 The installation of Electric Vehicle (EV) charging facilities at Liquefied Petroleum Gas Filling Stations (LPGFS) shall comply with the Code of Practice for LPG Filling Stations in Hong Kong.
- 1.2 Quantitative Risk Assessment shall be required to ascertain that the risk level posed by the station would be acceptable in accordance with the Government Risk Guidelines. Amendment of approved Notifiable Gas Installation shall be submitted to the Gas Authority.
- 1.3 All EV chargers and vehicles when charging at the full extent of the charging cable shall be located outside the hazardous areas (either Zone 0, 1 or 2) and shall also fulfill the requirements of separation distance for fixed sources of ignition as defined in the Code of Practice for LPG Filling Stations in Hong Kong.
- 1.4 If a separate utility company supply is provided for the EV charger, the utility company supply cable shall be routed across or round the filling station forecourt so that it does not pass under any hazardous areas as defined in the Code of Practice for LPG Filling Stations in Hong Kong.

Where a separate utility company supply is provided, a prominent warning label shall be mounted on the supply cubicle to indicate that the charger is fed from this separate supply and is not controlled by the LPGFS main switch.

Whatever means is adopted to provide the supply to the charger, the supply shall be interlocked with the LPGFS controls, so that when the forecourt is closed for any reason, the supply to the charger is also switched off.

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