

2.5.6. PRDP (Pressure Reducing Distribution Panel) Connections and tapping

2.5.6.1. LPG installations from PRDP onwards shall comply with Table 11.11. and section 6.

Table 11.11: PRDP Tapping requirements

ITEMS	PRDP TAPPING REQUIREMENTS
1. PIPING	<ul style="list-style-type: none"> i. No liquid phase LPG is allowed to be piped into the building. ii. Two Stage pressure regulators are essential for all LPG installations. First regulator to reduce system pressure to 5 psi (0.350 bar) for large commercial customers or to 75 mbar for residential customers and second stage regulator to reduce it further to 0.5 psi (0.035 bar). iii. LPG distribution shall not pass through the following areas. <ul style="list-style-type: none"> a. Exit routes, Exit stairs, Exit corridors, Exit lobbies b. Public or assembly areas c. Public seating areas d. Fire fighting lobbies, Fire Command Center, Fire pump room, Control Rooms e. Lift shafts, Fire fighting riser shafts, Sprinkler valve rooms, garbage chutes, cavity walls, HVAC ducts f. Under building and equipment foundations g. Compartments or ducts dedicated for electrical switchgear, transformers, generators garbage rooms, refrigeration chambers, cold rooms h. Pipes and vessels containing flammable, oxidizing, corrosive and other hazardous liquids and materials. iv. Piping can be routed through ceiling of basements or other confined spaces with "pipe-in-pipe" arrangement, which shall be naturally ventilated to open air at least from one side.

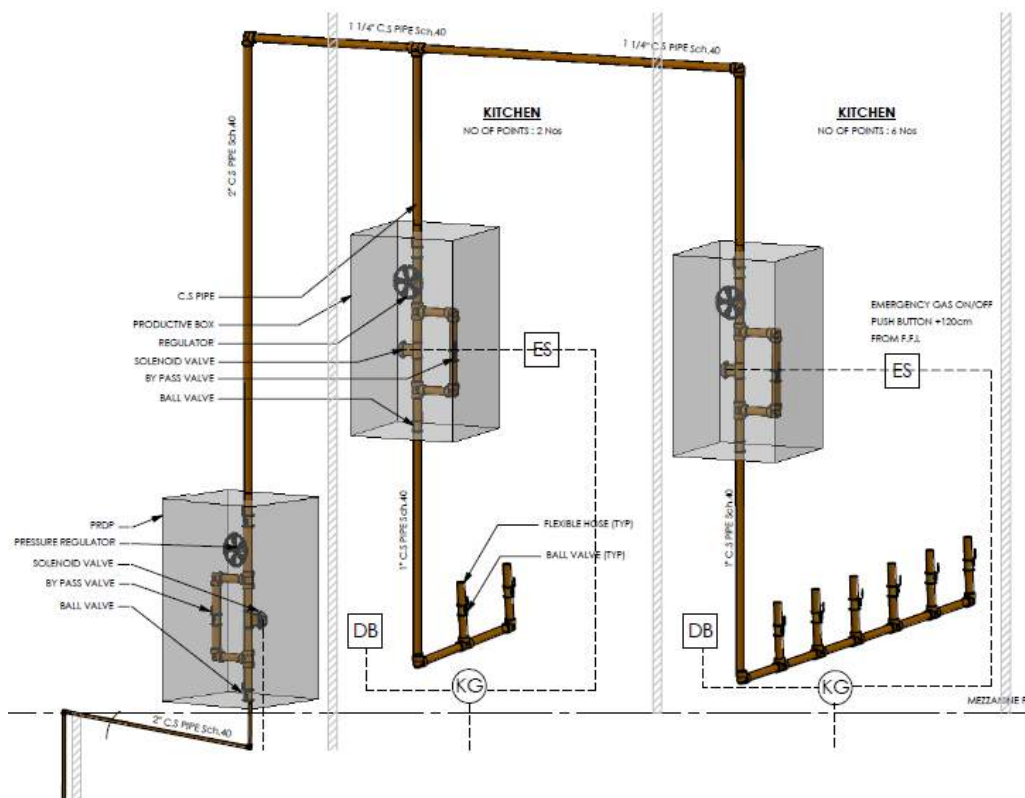


Figure 11.13.: Tapping from PRDP