

4.10. Manual Fire Alarm Initiating System (Manual Call Points)

4.10.1. The Design, Installation and Spacing of Manual Fire Alarm Initiating Devices shall comply with **Table 8.10.**, and the relevant General Requirements for Fire Detection and Alarm System as per **Table 8.1.**

Table 8.10.: Design, Installation and Spacing of Manual Fire Alarm Initiating Devices

ITEMS	REQUIREMENTS
1. DESIGN, INSTALLATION AND SPACING OF MANUAL FIRE ALARM INITIATING SYSTEMS	<ul style="list-style-type: none"> i. Manually actuated alarm-initiating devices shall be securely mounted. ii. Manually actuated alarm-initiating devices shall be mounted on a background of contrasting color. iii. The operable part of a manually actuated alarm initiating device shall be at 1200 mm from the finished floor. iv. Manually actuated alarm-initiating devices shall be permitted to be single action or double action. v. Listed protective covers shall be permitted to be installed over single- or double-action manually actuated alarm initiating devices. vi. Manual fire alarm boxes shall be used only for fire alarm initiating purposes. vii. Manual fire alarm boxes shall be installed so that they are conspicuous, unobstructed, and accessible. viii. Unless installed in an environment that precludes the use of red paint or red plastic, manual fire alarm boxes shall be red in color. ix. Manual fire alarm boxes shall be located within 1.5 m of each exit doorway on each floor. x. Additional Fire Alarm boxes shall be installed such that maximum travel distance to nearest Fire Alarm box shall not exceed 61 m, measured horizontally on the same floor. xi. Manual fire alarm boxes shall be mounted on both sides of grouped openings over 12.2 m in width, and within 1.5 m of each side of the grouped opening.



Figure 8.24.: Installation of Manual Call Points