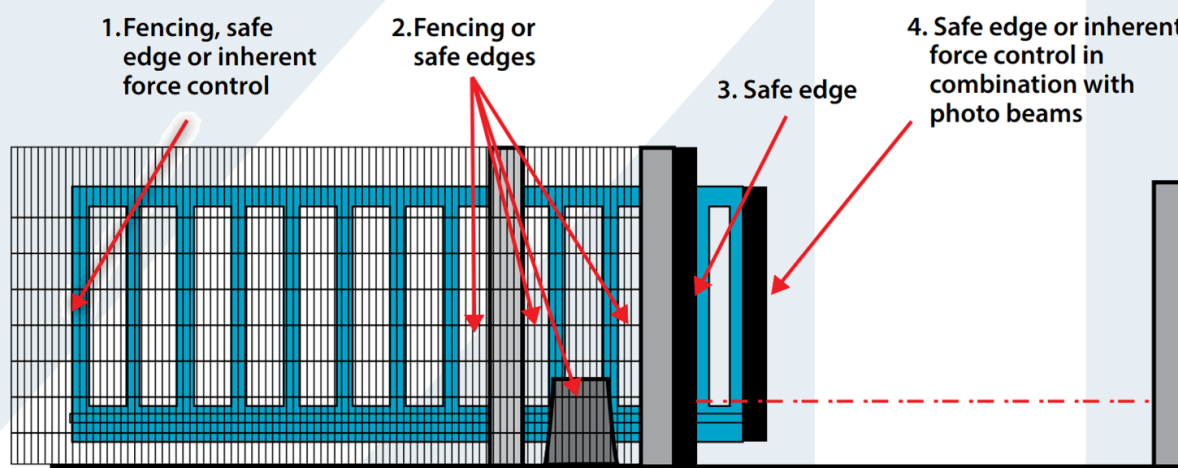


Overview of Gate Safety measures

An overview of the measures which may help to reduce risk:

- controlling separation distances between fixed and moving parts to reduce hazards from crushing, shearing and drawing-in points;
- Ensuring adequate separation distances between the control panel and the nearest danger point on the gate so that the user is not in a dangerous position and people cannot reach through a gate to operate a control panel on the other side;
- installing guards, for example a fixed guard to cover mechanical trap points such as guide rollers or sprocket / pinion drives;
- providing leaf surfaces that are smooth and free of parts that protrude which could catch people's clothing;
- operating the gate in hold-to-run mode (if appropriate);
- limiting the forces, for example protection built into the drive system;
- and installing sensitive protective equipment such as pressure sensitive strips (safety edges), safety induction loops, beam / light curtains or similar protective systems.



It is recommend that gate manufacturers and installers familiarise themselves with the relevant standards - EN 12453:2001