



PLANNING YOUR ZONE PROTECTION

The **ECONFENCE®** and **HYGIENEFENCE®** protective fencing system is designed to establish a safe distance to protect people from coming into contact with hazardous machinery and facilities.

If you are planning to feature guards in your zone protection system, you must remember to complete a relevant risk assessment. This requires the following standards to be taken into account:

ISO 12100

Safety of machinery

ISO 13857

Safety distances to prevent hazard zones being reached by upper and lower limbs

ISO 14120

Guards

ISO 14119

Interlocking devices associated with guards

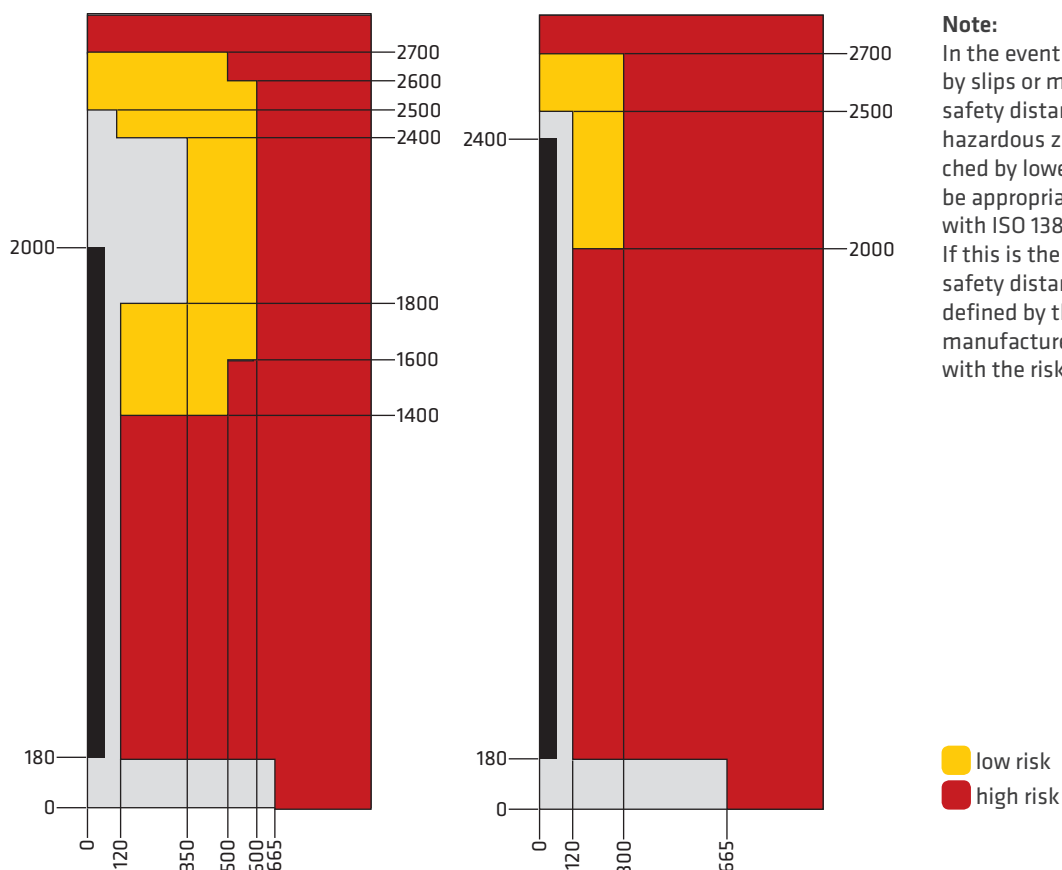
Evaluation of the hazardous area

The safety distance of the protective fencing system is defined in accordance with the corresponding EN standard. This process involves drawing up a floor plan of the machine or system.

Risk analysis and assessment

The risk assessment must be carried out and evaluated by the customer in accordance with the relevant harmonised standards in order to identify the required mesh size, height, floor clearance, distance from the hazardous area, and intended use.

SAFETY DISTANCES ACCORDING TO ISO 13857



Note:

In the event of a risk posed by slips or misuse, the use of safety distances to prevent hazardous zones being reached by lower limbs may not be appropriate in accordance with ISO 13857, Annex B. If this is the case, then the safety distances must be defined by the plant manufacturer in accordance with the risk assessment.