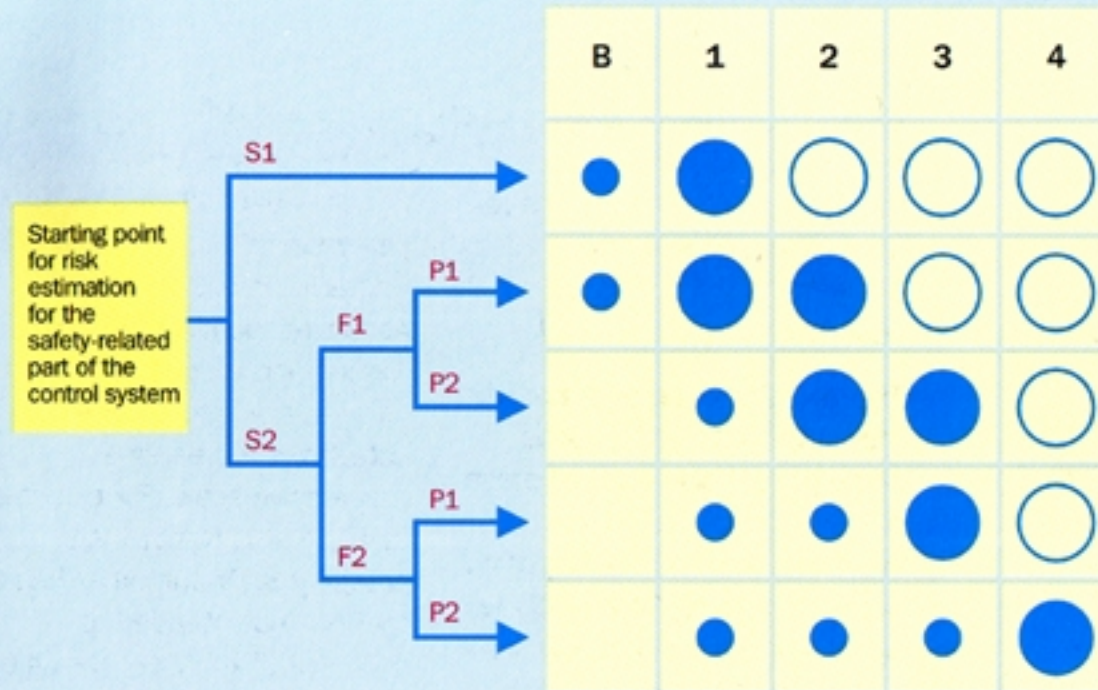


Selection of category of the safety related parts of the control system

Risk estimation (EN 954)

Category selection



- Preferred categories
- Possible categories which can require additional measures
- Measures which can be overdimensioned for the relevant risk

S Severity of injury

- S1** Slight injury (normally reversible)
- S2** Serious injury (normally irreversible, usually permanent) including death

F Frequency and/or duration of exposure time to the hazard

- F1** Seldom to quite often and/or the exposure time is short
- F2** Frequent to continuous and/or the exposure time is long

P Possibility of avoiding the hazard

- P1** Possible under specific conditions (e.g. escape or intervention of a third party)
- P2** Scarcely possible (e.g. the dangerous phenomenon follows rapidly)

For examples, please refer to III.2.