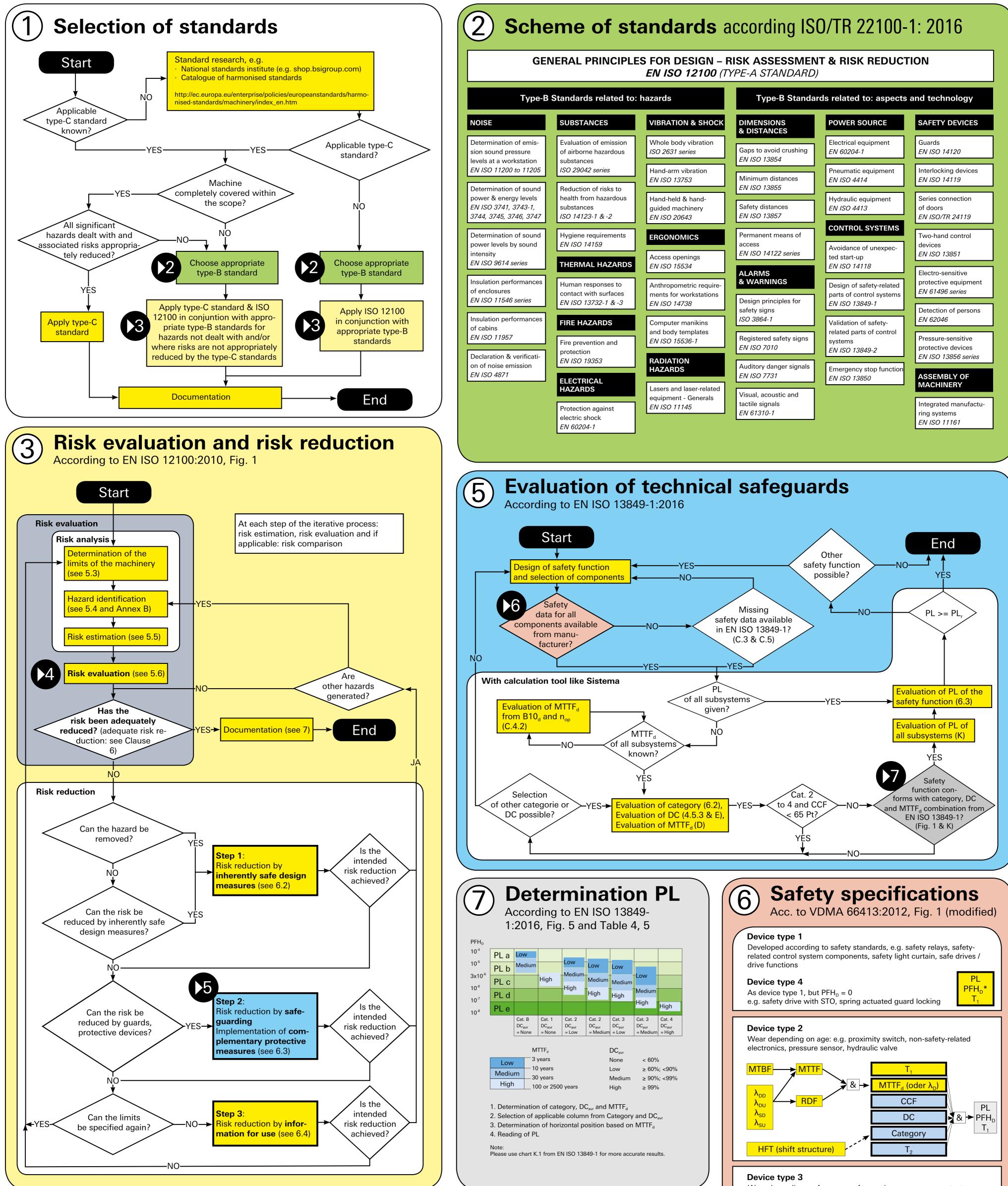
# **Safety Guidelines**



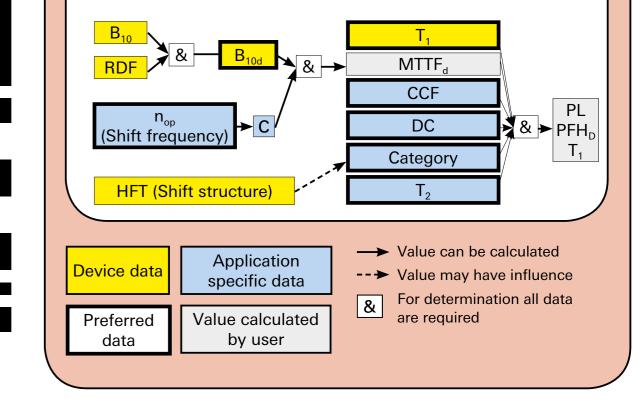
## www.wieland-electric.com



LOW	10		000/ 000/	
Medium	— 10 years	Low	≥ 60%; <90%	
wiedlum	— 30 years	Medium	≥ 90%; <99%	
High	100 or 2500 years	High	≥ 99%	
		піgn	2 99 /0	
1. Determination of category, DC <sub>ave</sub> and MTTF <sub>d</sub>				
Determination of category, Deavr and Willia				

safety service by Wieland

Wear depending on frequency of operation: e.g. power contactors, switches, pneumatic valves, interlocking devices



### www.wieland-electric.com/en/training

4 According to EN ISO 13849-1:2016, Fig. A.1 **S** - Severity of injury S1 slight (normally reversible injury)

S2 severe (normally irreversible injury including death)

F - Occurence and/or duration of exposure to hazard

F1 infrequently up to less frequently and/or short period of exposure to hazard F2 frequently up to permanently and/or long period of exposure to hazard

P - Ways to avoid hazards or limitation of damage P1 possible under specific conditions P2 barely possible

### Probability of occurrence of a hazardous event

The additional parameter, introduced with the ISO 13849-1:2015-12, is omitted here, as the standard provides no methods to justify it. For further infos, please contact our technical support.

Start -

**Determination PL**<sub>r</sub> – Risk graph

