

## FRAV: CITA proposal for 'risk' (and the like)

Term	Status Quo Definition	Reference	CITA proposal
'Risk' (... proposal follows ISO26262) -->			"combination of the probability of occurrence of harm and the severity of that harm"
'tolerable Risk' (... proposal follows IEC61508) -->			"risk judged to be lower than the 'intolerable risk' but higher than the 'acceptable risk' "
'acceptable risk' (... proposal follows IEC61508) -->			"risk judged to be insignificant, i.e. small in comparison with the everyday risk we all experience"
'reasonable risk' (... proposal follows ISO26262) -->			Proposal: delete term because of similarity to 'acceptable risk'. Instead define ... <b>"intolerable risk"</b> : risk cannot be justified in any ordinary circumstance (from IEC61508). OR <b>"unreasonable risk"</b> : risk judged to be unacceptable in a certain context according to valid societal moral concepts (from ISO26262)

### References

[DIN SAE SPEC 91381:2019-05]	Terms and Definitions Related to Testing of Automated Vehicle Technologies
[ISO26262-1:2018]	Functional Safety Automotive
[IEC61508-5:2010]	Functional Safety E/E/PES
[ISO 25119-1:2018]	Functional Safety Automotive
[ISO 12100:2010]	Safety of machinery — General principles for design — Risk assessment and risk reduction
[ISO 13849-1:2015]	Safety of machinery — Safety-related parts of control systems Part 1: General principles for design
[ISO/PAS 21448:2019]	Road vehicles — Safety of the intended functionality
[ISO SAE CD 21434]	CyberSec
[ISO 31000:2018]	Risk management — Guidelines

