

Hazard identification and risk assessment

Cobot Safety Checklist ID	TASK	POTENTIAL HAZARD	HARMFUL EFFECT	SEVERITY OF IMPACT	POTENTIAL CAUSES	LIKELINESS OF OCCURRENCE	CHANCE OF DETECTION	EXISTING CONTROL MEASURES	RISK PRIORITY NUMBER (RPN)	RECOMMENDED ACTION	TARGET DATE	NEW RISK PRIORITY NUMBER
	List and describe potentially hazardous task / activity / process step / equipment	In what ways can the task go wrong?	What is the potentially harmful impact on the cobot user / workplace?	How severe is the effect of the hazard on the cobot user / workplace? (1 -very low >3 -very high)	What are the potential causes of the task going wrong?	How likely will the cause occur? (1 -very unlikely >3 -very likely)	How likely is the hazard or its cause likely to occur? (1 -very unlikely >3 -very likely)	What are the existing control measures to minimise occurrence, reduce impact, or maximise detection of a hazard?	(Severity x Occurrence x Detection)	What action/s are recommended to reduce the occurrence of the cause and/ or improve its detection?	The date by which implementation of the proposed action/s is expected	Reassess severity, occurrence, detection, and RPN with recommended actions in place