



D1.9 Safety requirements for system conceptualization

Project ref. no.	
H2020-NMBP-FOF-2018 N° 820807	
Project title	Safe and effective human-robot cooperation towards a better competitiveness on current automation lack manufacturing processes.
Project duration	1 st November 2018 – 31 st October 2022 (42 months)
Website	www.sharework-project.eu
Related WP/Task	WP1
Dissemination level	CONFIDENTIAL
Document due date	30/04/2019 (M6)
Actual delivery date	31/07/2019
Deliverable leader	FRAUNHOFER
Document status	Submitted

Revision History

Version	Date	Author	Document history/approvals
0.1	28/06/2019	Lena Winkler (FRAUNHOFER)	Draft version circulated to partners
0.2	25/07/2019	Stefano Ellero (STAM)	Review from STAM
0.3	27/07/2019	Nils Mandischer (RWTH)	Review from RWTH
1.0	31/07/2019	Lena Winkler (FRAUNHOFER)	Final complete version. Validation
1.0	31/07/2019	Jesús Pablo González (EURECAT)	Submission

Executive Summary

This deliverable presents the current status of the defined use-cases and evaluates them with regard to the requirements for human safety. Subsequently, development requirements for the certification processes are identified by defining gaps of regulations. This document serves the system integrators as an indication for the safe implementation of the planned HRC processes, but in no case replaces a complete and documented risk assessment prior to the marketing of the planned applications.