Technical documentation contents

Checklists 1 of 2

CHECKLIST	#	Information item	Description	Check?
Process documentation (STUDY, MODIFY)	1	**Context & users**	For whom, in which context and under which conditions	
	2	**Licensing terms***	Name of the license and link to its complete text, if possible with SPDX identifier, for every content (design files, documentation, software)	
	3	**Development stage**	Description of achieved, current and future development stage (for instance with technical readiness)	
	4	**Versioning history**	Versioning history of the project	
	5	**Design rationale**	What it actually does, what problem it solves	
	6	**Contact points***	Contact (email address) and details (name, organisation)	
	7	**Communication channels**	Social medias and / or forum, chat	
	8	**Contribution guidelines**	Explicit indication on how to contribute to the project	
	9	**List of contributors**	List of persons contributing to the development	
	10	**Relation to other OSH items***	Redesigns or use of existing parts from other OSH projects	
	11	**List of required skills***	List of skills required either to study, modify, make or use the hardware (can be related to safety, but also to understanding)	
	12	**Data**	IOT & open data repositories	
	13	**Educational resources**	Open educational resources available	
	14	**Scientific publications**	List and links to publications related to the hardware	
	15	**Requirements / standard compliance***	Set of requirements including for compliance with any standard	
	16	**Funding note**	Funding information about the project	

*needed for enabling freedom to make/distribute as well

Technical documentation contents

Checklists 2 of 2

CHECKLIST	#	Information item	Description	Check?
Product documentation (MAKE, DISTRIBUTE, USE and DISPOSE)	1	**Index of product documentation**	Single page / document presenting the whole documentation architecture	
	2	**BOM**	A list or spreadsheet describing part numbers, putative suppliers, costs, and a short description	
	3	**Architecture**	Defines the overall structure, modules & interfaces	
	4	**Assembly instructions**	Instructions for going from your design files to the working physical hardware, including manufacturing process	
	5	**Design files**	CAD files available and viewable with no need for proprietary software	
	6	**Modelling tool list**	A list of required tools and associated settings for software used for development	
	7	**Production tool list**	A list of required tools and associated settings for physical (e.g. machine) tools for production.	
	8	**Software & firmware for operation**	List of any code or firmware required to operate your hardware	
	9	**Health and safety notice, risk assessment**	A summary of the most important risks and hazards associated with making, using, maintaining or disposing	
	10	**Testing instructions and report**	Instructions for testing and/or quality management.	
	11	**Operation instructions**	Indications on how to use the hardware	
	12	**Maintenance**	Indications on how to maintain the hardware	
	13	**Disposal instructions**	Indications on where or how the hardware can be repaired, and indicate how to dispose or recycle the hardware if it is beyond repair.	