1. Application for equipment certification

("Equipment" may be a single device, an entire instrumented system or anything in between)

No	Question	Response / comments
1.	The full company name and address:	
2.	Write the address of equipment manufacturer.	
3.	Contact person, position, email and phone:	
4.	What is the equipment name and model?	
5.	What are the main industry sectors that the equipment is used in?	
6.	Please list the type of industrial safety applications which the equipment could be used.	
7.	Please clarify the safety function of the equipment	
8.	What technology is used to do safety function (electronics, mechanical, software, etc.)	
9.	Is the equipment designed and manufactured under a certified ISO 9001 quality management system?	
10.	Are there any functional safety sector or application specific standards applicable to this equipment (apart from 61508)?	
11.	Please send all available documentation (e.g., circuit diagrams, BOMs, design and test specifications, simulations, analyses, test results/reports, full software lifecycle documentation, etc.)	
12.	Is the equipment and manufacturer documents ready to start project assessment?	
13.	Please specify the required target SIL.	
14.	How long has the equipment been in manufacture and how many have been sold (approximately)?	
15.	Are there any records of field failures (with failure details) in existence?	

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16.	Do the developer or manufacturer have any experience of failure modes and effects analysis (FMEA) using quantified component failure rates?	
17.	Please specify the intended environmental conditions for the equipment such as temperature, location, mechanical, service.	
18.	Are there any components, like gas sensors and mechanical cycling, which limit lifetime or duty?	
19.	Are there any internal diagnostics? (If so, how are any faults indicated so that the system can take a safe action?)	
20.	Does the equipment have any limitations or restrictions in terms of conducting proof tests, repair or replacement after it is installed?	
21.	What QMS documentation is available for the FSM assessment?	
22.	Is an initial gap analysis in order to identify a compliance baseline?	

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