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|  | <b>EPIL</b>                                   | Document Code: CBF-702-03<br>Document version: 01<br>Revision Date: 2021 May 03<br>Page 1 of 2 |
|  | <b>Application form for SIL certification</b> |  |

### 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 the equipment manufacturer.   |                     |
| 3.  | Contact person, position, email, and phone:  |                     |
| 4.  | VAT Code Number:   |                     |
| 5.  | Please specify the target Market.  |                     |
| 6.  | Estimate Sales Number.   |                     |
| 7.  | What is the equipment name and model?  |                     |
| 8.  | What are the main industry sectors that the equipment is used in?  |                     |
| 9.  | Please list the type of industrial safety applications in which the equipment could be used.   |                     |
| 10. | Please clarify the safety function of the equipment  |                     |
| 11. | What technology is used to do safety functions (electronics, mechanical, software, etc.)   |                     |
| 12. | Is the equipment designed and manufactured under a certified ISO 9001 quality management system?   |                     |
| 13. | Are there any functional safety sector or application-specific standards applicable to this equipment (apart from 61508)?  |                     |
| 14. | Please send all available documentation (e.g., circuit diagrams, BOMs, design and test specifications, simulations, analyses, test results/reports, full software lifecycle documentation, etc.) |                     |
| 15. | Are the equipment and manufacturer documents ready to start the project assessment?  |                     |
| 16. | Please specify the required target SIL.  |                     |
| 17. | How long has the equipment been in manufacture, and how many have been sold (approximately)?   |                     |
| 18. | Are there any records of field failures (with failure details) in existence?   |                     |
| 19. | Does the developer or manufacturer have any experience of failure modes and effects analysis (FMEA) using quantified component failure rates?  |                     |

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**EPIL**

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certification**

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| 20. | Please specify the intended environmental conditions for the equipment such as temperature, location, mechanical, service.                |  |
| 21. | Are there any components, like gas sensors and mechanical cycling, which limit lifetime or duty?  |  |
| 22. | Are there any internal diagnostics? (If so, how are any faults indicated so that the system can take safe action?)                        |  |
| 23. | Does the equipment have any limitations or restrictions in terms of conducting proof tests, repair, or replacement after it is installed? |  |
| 24. | What QMS documentation is available for the FSM assessment?   |  |
| 25. | Is there an initial gap analysis in order to identify a compliance baseline?  |  |

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