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| <b>General Inspection Plan</b><br><br>Title<br><b>Programmable Electronics, complex fixed application</b><br>[Hardware and Embedded Software] | Document<br><b>KBE IP-106:2-2</b> |
|   | Issue<br><b>5</b>                 |
|   | Date<br><b>2017-05-22</b>         |
|   | Supersedes<br>Issue 4 (E)         |

| <b>Inspection according to codes below</b>   |  |  |   |                                |  |
|--|--|--|---|--------------------------------|--|
| <b><u>Inspection Specification</u></b><br>(1st letter)   | <b><u>Inspection performed and documented by</u></b><br>(2nd letter)                     | <b><u>Inspection supervised by</u></b><br>(3rd letter)           | <b><u>Documentation</u></b><br>(4th letter)                   |                                |  |
| A: Routine 100% Insp.<br>S: Sample Inspection<br>T: Type Inspection  | E: Manufacturer<br>D: Supplier<br>B: Purchaser   | B: Purchaser<br>C: Inspector engaged by purchaser<br>D: Supplier | R: Technical Report<br>P: Inspection Record<br>I: Certificate |                                |  |
| <b>Examination Procedures</b>  | <b>Codes</b>   | <b>Inspection Procedure</b>                                      | <b>Inspection Record</b>                                      | <b>Deviation Report/Remark</b> |  |
| <b>Type Inspection</b>   |  |  |   |                                |  |
| T1   | Hardware Examination Procedures<br>Note 1  |  |   |                                |  |
| T2   | Type Inspection certification<br><b>(Embedded Software)</b><br>KBE EP-180                | TE-R   |   |                                |  |
| T3   | Evaluation of Operating Experience<br><b>(Embedded Software)</b><br>Note 2<br>KBE EP-187 | TE-R   |   |                                |  |
| T4   |  |  |   |                                |  |
| <b>Software Life Cycle Activities (Embedded Software)</b>  |  |  |   |                                |  |
| T5   | Verification of System Requirements<br>Note 3  | TE-R   |   |                                |  |
| T6   |  |  |   |                                |  |
| T7   |  |  |   |                                |  |
| T8   |  |  |   |                                |  |
| <b>Notes</b>   |  |  |   |                                |  |
| 1. Examination Procedures for Hardware are specified in KBE IP-104.<br>2. To be submitted to the Purchaser during the quotation process.<br>3. Report including a description of the degree of compliance with IEC 61508 or ISO/IEC 90003. |  |  |   |                                |  |

| Examination Procedures   |  | Codes | Inspection Procedure | Inspection Record | Deviation Report/Remark |
|--|--|-------|----------------------|-------------------|-------------------------|
| <b>Routine Inspection</b>  |  |       |                      |                   |                         |
| R1   | Hardware Examination Procedures Note 1                               |       |                      |                   |                         |
| R2   | Quality and identity certification (Embedded Software)<br>KBE EP-180 | AE-I  |                      |                   |                         |
| R3   |  |       |                      |                   |                         |
| R4   |  |       |                      |                   |                         |
| R5   |  |       |                      |                   |                         |
| R6   |  |       |                      |                   |                         |
| R7   |  |       |                      |                   |                         |
| R8   |  |       |                      |                   |                         |
| R9   |  |       |                      |                   |                         |
| R10  |  |       |                      |                   |                         |
| <b>Notes</b>   |  |       |                      |                   |                         |
| <ol style="list-style-type: none"> <li>1. Examination Procedures for Hardware are specified in KBE IP-104.</li> <li>2. To be submitted to the Purchaser during the quotation process.</li> <li>3. Report including a description of the degree of compliance with IEC 61508 or ISO/IEC 90003.</li> </ol> |  |       |                      |                   |                         |