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| <b>General Inspection plan</b><br><br>Rubrik/Title<br><b>Solenoid Valves</b> | Beteckning/Document<br><b>KBE IP – 112</b> |
|  | Utgåva/Issue<br><b>3 (E)</b>               |
|  | Datum/Date<br><b>2017-05-22</b>            |
|  | Ersätter/Supersedes<br><b>2 (E)</b>        |

| Inspection according to codes below   |  |  |                      |  |                         |
|---|--|--|----------------------|--|-------------------------|
| <u><b>Inspection Specification</b></u><br>(1st letter)<br>A: Routine 100% Insp.<br>S: Sample Inspection<br>T: Type Inspection   |  | <u><b>Inspection performed and documented by</b></u><br>(2nd letter)<br>E: Manufacturer<br>D: Supplier<br>B: Purchaser |                      | <u><b>Inspection supervised by</b></u><br>(3rd letter)<br>B: Purchaser<br>C: Inspector engaged by purchaser<br>D: Supplier |                         |
|   |  |  |                      | <u><b>Documentation</b></u><br>(4th letter)<br>R: Technical Report<br>P: Inspection Record<br>I: Certificate               |                         |
| Examination Procedures  |  | Codes  | Inspection Procedure | Inspection Record  | Deviation Report/Remark |
| Type Inspection   |  |  |                      |  |                         |
| T1  | Environmental verification<br>KBE EP-151               | TE-R   |                      |  |                         |
| T2  | Performance verification<br>Note 1                     | TE-R   |                      |  |                         |
| T3  | Temperature rise test<br>VDE 0580                      | TE-R   |                      |  |                         |
| T4  | Type test<br>VDE 0580                                  | TE-R   |                      |  |                         |
| T5  | Seismic verification<br>KBE EP-147                     | TEBR   |                      |  |                         |
| T6  | Accident condition verification<br>KBE EP-154          | TEBR   |                      |  |                         |
| T7  | Type Inspection review and certification<br>KBE EP-180 | TE-R   |                      |  |                         |
| T8  |  |  |                      |  |                         |
| T9  |  |  |                      |  |                         |
| T10   |  |  |                      |  |                         |
| T11   |  |  |                      |  |                         |
| T12   |  |  |                      |  |                         |
| T13   |  |  |                      |  |                         |
| T14   |  |  |                      |  |                         |
| <b>Notes</b><br><br>1. Verification of performance properties according to the Manufacturer's product specification.<br>The verification test procedure shall be subject to review and approval by the Purchaser. |  |  |                      |  |                         |

| Examination Procedures   |  | Codes | Inspection Procedure | Inspection Record | Deviation Report/Remark |
|--|--|-------|----------------------|-------------------|-------------------------|
| <b>Routine Inspection</b>  |  |       |                      |                   |                         |
| R1   | Visual Inspection<br>KBE EP-101                  | AEBP  |                      |                   |                         |
| R2   | Voltage withstanding<br>KBE EP-102               | AE-P  |                      |                   |                         |
| R3   | Insulation resistance<br>KBE EP-114              | AE-P  |                      |                   |                         |
| R4   | Coil resistance<br>Note 2                        | AE-P  |                      |                   |                         |
| R5   | Operation performance<br>Note 2                  | AE-P  |                      |                   |                         |
| R6   | Pull-in and drop-out voltage<br>Note 2           | AE-P  |                      |                   |                         |
| R7   | Pull-in and drop-out time<br>Note 2              | AE-P  |                      |                   |                         |
| R8   | Tightness<br>Note 2                              | AE-P  |                      |                   |                         |
| R9   | Quality and Identity certification<br>KBE EP-180 | AE-P  |                      |                   |                         |
| R10  | Delivery Release Inspection<br>Note 3            | AEBP  |                      |                   |                         |
| R11  |  |       |                      |                   |                         |
| R12  |  |       |                      |                   |                         |
| R13  |  |       |                      |                   |                         |
| R14  |  |       |                      |                   |                         |
| R15  |  |       |                      |                   |                         |
| R16  |  |       |                      |                   |                         |
| R17  |  |       |                      |                   |                         |
| <b>Notes</b><br>2. Shall be carried out according to the Manufacturer's standard procedures, subject to prior review and approval by the Purchaser.<br>3. Inspection witnessed by Purchaser before Delivery (Shipping) Release in accordance with KBE 100. |  |       |                      |                   |                         |