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| General Inspection plan Rubrik/Title Dry type Power Transformer [rated voltage > 1 kV] | Beteckning/Document KBE IP – 116.1 |
| | Utgåva/Issue 2 (E) |
| | Datum/Date 2017-05-22 |
| | Ersätter/Supersedes 1 (E) |

| Inspection according to codes below | | | | | |
|---|--|---|----------------------|---|-------------------------|
| Inspection Specification (1st letter) A: Routine 100% Insp. S: Sample Inspection T: Type Inspection | | Inspection performed and documented by (2nd letter) E: Manufacturer D: Supplier B: Purchaser | | Inspection supervised by (3rd letter) B: Purchaser C: Inspector engaged by purchaser D: Supplier | |
| | | | | Documentation (4th letter) R: Technical Report P: Inspection Record I: Certificate | |
| Examination Procedures | | Codes | Inspection Procedure | Inspection Record | Deviation Report/Remark |
| Type Inspection | | | | | |
| T1 | Lightning impulse test Note 1 | TE-R | | | |
| T2 | Partial discharge measurement Note 1 | TE-R | | | |
| T3 | Temperature-rise test Note 1 | TE-R | | | |
| T4 | Measurement of sound level Note 1 | TE-R | | | |
| T5 | Short-Circuit test Note 1, 3 | TE-R | | | |
| T6 | Measurement of zero-sequence impedance Note 2 | TE-R | | | |
| T7 | Seismic qualification | TE-R | | | |
| T8 | Type inspection review and certification KBE EP-180 | TE-I | | | |
| T9 | | | | | |
| T10 | | | | | |
| T11 | | | | | |
| T12 | | | | | |
| T13 | | | | | |
| Notes | | | | | |
| 1. The test shall be performed according to IEC 60076-11. 2. The test is shall performed according to IEC 60076-1. 3. Short Circuits Test on dry type power transformer with rated voltage >1 kV after agreement. | | | | | |

| Examination Procedures | | Codes | Inspection Procedure | Inspection Record | Deviation Report/Remark |
|---|--|-------|----------------------|-------------------|-------------------------|
| Routine Inspection | | | | | |
| R1 | Visual inspection KBE EP-101 | AEBP | | | |
| R2 | Measurement of winding resistance Note 1 | AE-P | | | |
| R3 | Measurement of voltage ratio and check of voltage vector rel. Note 1 | AE-P | | | |
| R4 | Measurement of impedance voltage Note 1 | AE-P | | | |
| R5 | Measurement of short-circuit impedance and load losses Note 1 | AE-P | | | |
| R6 | Measurement of no-load losses and Current Note 1 | AE-P | | | |
| R7 | Separate-source voltage withstand test Note 1 | AE-P | | | |
| R8 | Partial discharge measurement Note 1 | AE-P | | | |
| R9 | Induced overvoltage withstand test Note 1 | AE-P | | | |
| R10 | Quality and identity certification KBE EP-180 | AE-I | | | |
| R11 | Delivery release inspection Note 2 | AEBP | | | |
| R12 | | | | | |
| R13 | | | | | |
| R14 | | | | | |
| R15 | | | | | |
| R16 | | | | | |
| R17 | | | | | |
| Notes | | | | | |
| 1 The test shall be performed according to IEC 60076-11. | | | | | |
| 2 Inspection witnessed by Purchaser before Delivery (Shipping) Release in accordance with KBE 100 | | | | | |