

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

Inspection according to codes below					
<u>Inspection Specification</u> (1st letter)	<u>Inspection performed and documented by</u> (2nd letter)	<u>Inspection supervised by</u> (3rd letter)	<u>Documentation</u> (4th letter)		
A: Routine 100% Insp. S: Sample Inspection T: Type Inspection	E: Manufacturer D: Supplier B: Purchaser	B: Purchaser C: Inspector engaged by purchaser D: Supplier	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
<b>Routine Inspection</b>					
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					
<b>Notes</b>					
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					