

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					