

General Inspection Plan Rubrik / Title Metal encapsulated switchgear and controlgear [Circuit breaker]	Beteckning / Document KBE IP-118:3
	Utgåva / Issue 1
	Datum / Date 2015-10-07
	Ersätter / Supersedes IP-118 Issue 4

Inspection according to codes below					
<u>Inspection Specification</u> (1st letter) A: Routine 100% Insp. S: Sample Inspection T: Type Inspection		<u>Inspection performed and documented by</u> (2nd letter) E: Manufacturer D: Supplier B: Purchaser		<u>Inspection supervised by</u> (3rd letter) B: Purchaser C: Inspector engaged by purchaser D: Supplier	
				<u>Documentation</u> (4th letter) R: Technical Report P: Inspection Record I: Certificate	
Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Type Inspection					
T1	Temperature rise test Note 1	TE-R			
T2	Dielectric strength test Note 1	TE-R			
T3	Impulse voltage test Note 1	TE-R			
T4	Short circuit test Note 1	TE-R			
T5	Mechanical functions test Note 1	TE-R			
T6	Creepage and air-gap distances Note 1	TE-R			
T7	Test of making and breaking capacity Note 1	TE-R			
T8	Seismic Qualification KBE EP-147	TEBR			
T9	Type Inspection certification KBE EP-180	TE-I			
T10					
T11					
T12					
T13					
T14					
Notes 1. Test according to SS-EN 60947-2 or SS-EN 62271-100.					

Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Routine Inspection					
R1	Visual inspection KBE EP-101	AE-BP			
R2	Voltage Testing Note 1	AE-P			
R3	Mechanical operation test Note 1	AE-P			
R4	Test of auxiliary devices Note 1	AE-P			
R5	Test of interchangeability Note 1	AE-P			
R6	Measurement of the resistance of the main circuit Note 1	AE-P			
R7	Measurement of breaking and making time Note 3	AE-P			
R8	Delivery Release Inspection Note 4	AE-BP			
R9	Quality and identity certification KBE EP-180	AE-I			
R10					
R11					
R12					
R13					
R14					
R15					
R16					
R17					
Notes <ol style="list-style-type: none"> 1. Test according to SS-EN 60947-2 or SS-EN 62271-100. 2. Test according to applicable standard. 3. Making and breaking time according to Technical Specification. 4. Inspection witnessed by Purchaser before Delivery (Shipping) Release in accordance with KBE 100. 					