

General Inspection plan Rubrik / Title Metal Encapsulated switchgear and controlgear [Switchgear, Rated voltage > 1 kV]	Beteckning / Document KBE IP – 118.2
	Utgåva / Issue 1
	Datum / Date 2006-05-17
	Ersätter / Supersedes IP-118 Issue 4

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	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	Protective earth continuity test KBE EP-150	TE-R			
T6	Mechanical functions test Note 1	TE-R			
T7	Enclosure protection Class Note 1	TE-R			
T8	Creepage and air-gap distances Note 1	TE-R			
T9	Test of making and breaking capacity Note 1	TE-R			
T10	Arc-over test Note 1	TEBR			
T11	Seismic Qualification KBE EP-147	TEBR			
T12	Type Inspection certification KBE EP-180	TE-I			
T13					
T14					
Notes 1. Test according to IEC 62271-200.					

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	Protective earth continuity test KBE EP-150	AE-P			
R4	Mechanical operation test Note 1	AE-P			
R5	Verification of correct wiring Note 1	AE-P			
R6	Surface finish inspection KBE EP-148	AE-P			
R7	Test of auxiliary devices Note 1	AE-P			
R8	Test of earthing switches and hand- hold devices Note 1, 2	AE-P			
R9	Test of interchangeability Note 1	AE-P			
R10	Measurement of breaking and making time Note 1	AE-P			
R11	Delivery Release Inspection Note 3	AE-BP			
R12	Quality and identity certification KBE EP-180	AE-I			
R13					
R14					
R15					
R16					
R17					
Notes 1. Test according to IEC 62271-200. 2. Test according to applicable standard. 3. Inspection witnessed by Purchaser before Delivery (Shipping) Release in accordance with KBE 100.					