

General Inspection plan Rubrik / Title Metal Encapsulated switchgear and controlgear [Switchgear and controlgear, Rated voltage AC < kV or DC < 1,2 kV]	Beteckning / Document KBE IP – 118.1
	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 5	TEBR			
T11	Seismic Qualification KBE EP-147	TEBR			
T12	Type Inspection certification KBE EP-180	TE-I			
T13					
T14					
Notes 1. Test according to SS-EN 60439. 5. Test according to IEC/TR 61641.					

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 3	AE-P			
R11	Delivery Release Inspection Note 4	AE-BP			
R12	Quality and identity certification KBE EP-180	AE-I			
R13					
R14					
R15					
R16					
R17					
Notes <ol style="list-style-type: none"> 1. Test according to IEC 60439. 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. 					