

General Inspection Plan

Title

Metal encapsulated switchgear and controlgear
[Circuit breaker]

Document
KBE IP-118:3

Issue
2

Date
2020-04-20

Supersedes
Issue 1

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 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

- 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	Visual inspection KBE EP-190	AE-P			
R3	Voltage Testing Note 1	AE-P			
R4	Mechanical operation test Note 1	AE-P			
R5	Test of auxiliary devices Note 1	AE-P			
R6	Test of interchangeability Note 1	AE-P			
R7	Measurement of the resistance of the main circuit Note 1	AE-P			
R8	Measurement of breaking and making time Note 3	AE-P			
R9	Delivery Release Inspection Note 4	AE-BP			
R10	Quality and identity certification KBE EP-180	AE-I			
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. 					