

General Inspection plan Rubrik / Title Power Electronics [Rectifier or converter]	Beteckning / Document KBE IP – 120.2
	Utgåva / Issue 1
	Datum / Date 2006-05-17
	Ersätter / Supersedes IP-120 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	Power efficiency Note 1	TE-R			
T2	Temperature rise test Note 1	TE-R			
T3	Rated restored energy time Note 1	TE-R			
T4	Overload capability test Note 1	TE-R			
T5	Short-Circuit current capability Note 1	TE-R			
T6	Short-Circuit test Note 1	TE-R			
T7	Output overvoltage Note 1	TE-R			
T8	Harmonic components Note 1	TE-R			
T9	Audible noise Note 1	TE-R			
T10	Vibration and shock test Note 1	TE-R			
T11	Seismic qualification KBE EP-147	TE-R			
T12	EMC verification KBE EP-153	TE-R			
T13	Type Inspection certification KBE EP-180	TE-I			
T14	Protective earth continuity KBE EP-150	TE-R			
T15					
Notes 1. Test according to applicable SS-EN standard.					

Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Routine Inspection					
R1	Visual Inspection KBE EP-101	AEBP			
R2	Protective earth continuity KBE EP-150	AEBP			
R3	Interconnection cable check Note 1	AE-P			
R4	Voltage test KBE EP-102	AE-P			
R5	Insulation test KBE EP-114	AE-P			
R6	Light load test Note 1	AE-P			
R7	Checking of auxiliary devices Note 1	AE-P			
R8	AC input failure test Note 1	AE-P			
R9	AC input return test Note 1	AE-P			
R10	Full load test Note 1	AE-P			
R11	Restart Note 1	AE-P			
R12	Earth fault test Note 1	AE-P			
R13	Quality and Identity certification KBE EP-180	AE-I			
R14	Delivery Release Inspection / FAT Note 2, 3	AEBR			
R15	Site Acceptance Test (SAT) Note 3	AEBR			
R16					
R17					
R18					
R19					
Notes 1. Test according to applicable SS-EN standard. 2. Inspection witnessed by Purchaser before Delivery (Shipping) Release in accordance with KBE 100. 3. FAT and SAT performed according to procedures subject to prior review and approval by the Purchaser.					