

General Inspection Plan Rubrik/Title Programmable Electronics, programmable application [Hardware, Base Software, Application Software and Complete System]	Beteckning/Document KBE IP-106:1-2
	Utgåva/Issue 5 (E)
	Datum/Date 2017-05-22
	Ersätter/Supersedes 4 (E)

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	Hardware Examination Procedures Note 1				
T2	Type Inspection certification (Base Software) KBE EP-180	TE-R			
T3	Evaluation of Operating Experience (Base Software) Note 2 KBE EP-187	TE-R			
T4					
General Software Activities (Base Software)					
T5	Verification of System Design Note 3	TE-R			
T6					
T7					
Notes 1. Examination Procedures for Hardware are specified in KBE IP-104. 2. To be submitted to the Purchaser during the quotation process. 3. Report including a description of the degree of compliance with IEC 61508 or ISO 9001 and ISO 90003.					

Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Routine Inspection					
R1	Hardware Examination Procedures Note 1				
R2					
R3					
General Software Activities (Application Software)					
R4	Verification of Software Quality Assurance Project Plan	AE-P			
R5	Verification of Configuration Management Plan	AE-P			
R6	Verification of Documentation Control	AE-P			
R7					
Software Life Cycle Activities (Application Software)					
R8	Verification of System Requirements KBE EP-182	AE-P			
R9	Output Design - Verification software specification KBE EP-183	AE-P			
R10	Output Design - Verification application software code KBE EP-184	AE-P			
R11	Quality and identity certification KBE EP-180	AE-I			
R12					
General Software Activities (Complete System)					
R13	Reliability Analysis Note 2	AE-R			
R14					
Software Life Cycle Activities (Complete System)					
R15	Design Verification Integrated System Test	AE-P			
R16	Design Validation KBE EP-185 Factory Acceptance Test (FAT)	AE-P			
R17	Design Validation KBE EP-186 Site Acceptance Test (SAT)	AE-P			
Notes					
1. Examination Procedures for Hardware are specified in KBE IP-104. 2. To be submitted to the Purchaser during the quotation process. 3. Report including a description of the degree of compliance with IEC 61508 or ISO 9001 and ISO 90003.					