

General Inspection plan Title Programmable Electronics, programmable application [Hardware, Base Software, Application Software and Complete System]	Document KBE IP-106:1-1
	Issue 2
	Date 2017-05-22
	Supersedes Issue 1 (E)

Inspection according to codes below					
Inspection Specification (1st letter)	Inspection performed and documented by (2nd letter)	Inspection supervised by (3rd letter)	Documentation (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	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 Software quality Assurance Plan Note 3	TE-R			
T6	Verification of System Configuration Control Note 3	TE-R			
T7	Verification of Documentation Note 3	TE-R			
T8					
Software Life Cycle Activities (Base Software)					
T9	Verification of System Specifications Note 3 KBE EP-182	TE-R			
T10	Verification of Software specification Note 3 KBE EP-183	TE-R			
T11					
T12					
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 60880 or equivalent standard. 4. Manufacturers procedure to be reviewed and approved by purchaser.					

Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Routine Inspection					
R1	Hardware Examination Procedures Note 1				
R2	Quality and identity certification (Base Software) KBE EP-180	AE-I			
R3					
General Software Activities (Application Software)					
R4	Verification of Software quality Assurance Plan	AE-P			
R5	Verification of System Configuration Control	AE-P			
R6	Verification of Documentation	AE-P			
R7	Quality and identity certification KBE EP-180	AE-I			
Software Life Cycle Activities (Application Software)					
R8	Verification of System Specifications Note 4 KBE EP-182	AE-/B-P			
R9	Verification of Software specification Note 4 KBE EP-183	AE-P			
R10	Verification of application program code Note 4 KBE EP-184	AE-P			
General Software Activities (Complete System)					
R11	Reliability Analysis Note 2	AE-R			
R12					
Software Life Cycle Activities (Complete System)					
R13	Integrated System Verification Note 4	AE-P			
R14	Factory Acceptance Test (FAT) KBE EP-185	AEBR			
R15	Site Acceptance Test (SAT) KBE EP-186	AEBR			
Notes					
<ol style="list-style-type: none"> Examination Procedures for Hardware are specified in KBE IP-104. To be submitted to the Purchaser during the quotation process. Report including a description of the degree of compliance with IEC 60880 or equivalent standard. Manufacturers procedure to be reviewed and approved by purchaser. 					