General Inspection Plan

Title

Programmable Electronics, programmable application
[Hardware, Base Software, Application Software and Complete System]

Document
KBE IP-106:1-2

Issue
5

Date
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Supersedes
Issue 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-/B-P		
R9	Output Design - Verification software specification KBE EP-183	AE-P		
R10	Output Design - Verification applicaton 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		

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