

General Inspection Plan Title Equipment including HDL	Document KBE IP-106:3
	Issue 1
	Date 2020-04-20
	Supersedes -

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	Evaluation of Operating Experience of similar equipment Note 2 KBE EP-187	TE-R			
T2					
T3	Design tools				
T4	Evaluation of HDL tools and the standardized libraries Note 3	TE-R			
T5					
T6					
T7					
T8					
T9					
T10					
T11					
Notes 1. 2. Applicable parts to be submitted to the Purchaser during the quotation process. 3. In compliance with IEC 62566 or equivalent standard.					

Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Routine Inspection					
R1	Verification of HPD Requirements Specification Note 3	AE-P			
R2	Verification of Design Requirements Note 4	AE-P			
R3	HPD Verification Note 3	AE-P			
R4	HPD Aspects on system integration Note 1, 3	AE-P			
R5	HPD Aspects on system validation Note 3	AE-P			See IEC 61513
R6					
R7	HPD Life Cycle Activities				
R8	HPD project management Note 3	AE-P			
R9	HPD Quality Assurance Plan Note 3	AE-P			
R10	Configuration Management Note 3	AE-P			
R11					
R12					
R13					
R14					
Notes 1. Examination Procedures for Hardware are specified in KBE IP-104. 2. Applicable parts to be submitted to the Purchaser during the quotation process. 3. In compliance with IEC 62566 or equivalent standard. 4. The design phase shall produce a) a formalized description of the HPD, e.g. RTL and b) the associated documentation					