

General Inspection plan Title Squirrel cage asynchronous motors < 1kV > 50 kW	Document KBE IP – 103.2
	Issue 3
	Date 2024-05-07
	Supersedes 2

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	Constant losses KBE EP-170 pt. 3.4	TE-R			
T2	Load losses KBE EP-170 pt. 3.8	TE-R			
T3	Temperature rise KBE EP-170 pt. 3.9	TE-R			
T4	Short circuit test KBE EP-170 pt. 3.12	TE-R			
T5	Noise level KBE EP-170 pt. 3.14	TE-R			
T6	Withstand voltage test KBE EP-170 pt. 3.16	TE-R			
T7	Torque curve KBE EP-170 pt. 3.19	TE-R			
T8	Seismic Qualification Note 1 KBE EP-147	TEBR			
T9	Type inspection certificate KBE EP-180 pt. 5.1	TE-I			
T10					
T11					
T12					
T13					
T14					
Notes					
(See page 2)					

Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
Routine Inspection					
R1	Winding resistance measurement KBE EP-170 pt. 3.3	AE-P			
R2	No-load test KBE EP-170 pt. 3.5	AE-P			
R3	Over-speed and vibration test KBE EP-170 pt. 3.10	AE-P			
R4	Over-voltage test KBE EP-170 pt. 3.11	AE-P			
R5	Short-circuit test KBE EP-170 pt. 3.12	AE-P			
R6	Voltage withstanding test KBE EP-170 pt. 3.16	AE-P			
R7	Insulation resistance KBE EP-170 pt. 3.17	AE-P			
R8	Visual inspection KBE EP-170 pt. 3.18	AEBP			
R9	Bearing inspection/testing Note 2.	AE-P			
R10	Inspection of corrosion protection KBE EP-148	AEBP			
R11	Electrical equipment delivery inspection KBE EP-191	AEBP			
R12	Quality and identity certificate KBE EP-180 pt. 5.2	AE-I			
R13					
R14					
R15					
R16					
R17					
<p>Notes</p> <ol style="list-style-type: none"> Seismic requirements given in the Technical Specification. SPM (Shock pulse measurement) inspection, where called for in Technical Specification. <p>The Purchaser shall review and approve the Manufacturers Inspection plan before manufacturing</p>					