

<b>General Inspection plan</b>  Title <b>Squirrel cage asynchronous motors &lt;1 kV &lt; 50 kW</b>	Document <b>KBE IP – 103.1</b>
	Issue <b>3</b>
	Date <b>2024-05-07</b>
	Supersedes <b>2</b>

<b>Inspection according to codes below</b>					
<b>Inspection Specification</b> (1st letter)	<b>Inspection performed and documented by</b> (2nd letter)	<b>Inspection supervised by</b> (3rd letter)	<b>Documentation</b> (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		
<b>Examination Procedures</b>	<b>Codes</b>	<b>Inspection Procedure</b>	<b>Inspection Record</b>	<b>Deviation Report/Remark</b>	
<b>Type Inspection</b>					
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					
<b>Notes</b>					
(See page 2)					

Examination Procedures	Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
<b>Routine Inspection</b>				
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	Short-circuit test KBE EP-170 pt. 3.12	AE-P		
R4	Voltage withstanding test KBE EP-170 pt. 3.16	AE-P		
R5	Insulation resistance KBE EP-170 pt. 3.17	AE-P		
R6	Visual inspection KBE EP-170 pt. 3.18	AEBP		
R7	Bearing inspection/testing Note 2.	AE-P		
R8	Inspection of corrosion protection KBE EP-148	AEBP		
R9	Electrical equipment delivery inspection KBE EP-191	AEBP		
R10	Quality and identity certificate KBE EP-180 pt. 5.2	AE-I		
R11				
R12				
R13				
R14				
R15				
R16				
R17				
<b>Notes</b>				
<ol style="list-style-type: none"> <li>1. Verification of seismic requirements given in the Technical Specification.</li> <li>2. SPM (shock pulse measurement) inspection, where called for in Technical Specification.</li> </ol>				