

<b>General Inspection plan</b>  Title <b>Squirrel cage asynchronous motors &gt; 1 kV</b>	Document <b>KBE IP – 103.3</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	TEBR			
T2	Load losses KBE EP-170 pt. 3.8	TEBR			
T3	Temperature rise KBE EP-170 pt. 3.9	TEBR			
T4	Short-circuit test KBE EP-170 pt. 3.12	TEBR			
T5	Tan delta test KBE EP-170 pt. 3.13	TEBR			
T6	Noise level KBE EP-170 pt. 3.14	TEBR			
T7	Impulse voltage withstand test KBE EP-170 pt.3.15	TEBR			
T8	Withstand voltage test KBE EP-170 pt. 3.16	TEBR			
T9	Torque curve KBE EP-170 pt. 3.19	TEBR			
T10	Seismic Qualification Note 1 KBE EP-147	TEBR			
T11	Type inspection certificate KBE EP-180 pt. 5.1	TE-I			
T12					
T13					
T14					
<b>Notes</b>					
(See page 2)					

Examination Procedures		Codes	Inspection Procedure	Inspection Record	Deviation Report/Remark
<b>Routine Inspection</b>					
R1	Inspection of welds Note 2	AE-P			
R2	Airgap measurement KBE EP-170 pt. 3.2	AE-P			
R3	Winding resistance measurement KBE EP-170 pt 3.3	AE-P			
R4	No-load test KBE EP-170 pt. 3.5	AE-P			
R5	Over-speed and vibration test KBE EP-170 pt. 3.10	AE-P			
R6	Over-voltage test KBE EP-170 pt.3.11	AEBP			
R7	Short-circuit test KBE EP-170 pt. 3.12	AEBP			
R8	Voltage withstanding test KBE EP-170 pt. 3.16	AEBP			
R9	Insulation resistance KBE EP-170 pt. 3.17	AEBP			
R10	Visual inspection KBE EP-170 pt. 3.18	AEBP			
R11	Bearing inspection/testing Note 3.	AE-P			
R12	Inspection of corrosion protection KBE EP-148	AEBP			
R13	Electrical equipment delivery inspection KBE EP-191	AEBP			
R14	Quality and identity certificate KBE EP-180 pt. 5.2	AE-I			
R15					
R16					
R17					
<p><b>Notes</b></p> <ol style="list-style-type: none"> <li>Seismic requirements given in the Technical Specification.</li> <li>Welder's licenses shall be checked before manufacturing starts. Visual inspection of welds before start of stator winding.</li> <li>SPM (Shock pulse measurement) inspection, where called for in Technical Specification.</li> </ol> <p><b>The Purchaser shall review and approve the Manufacturers Inspection plan before manufacturing</b></p>					