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| <b>General Inspection plan</b><br><br>Rubrik / Title<br><b>Squirrel cage asynchronous motors &lt;1 kV &lt; 50 kW</b> | Beteckning / Document<br><b>KBE IP – 103.1</b> |
|  | Utgåva / Issue<br><b>2</b>                     |
|  | Datum / Date<br><b>2013-08-20</b>              |
|  | Ersätter / Supersedes<br><b>1</b>              |

| Inspection according to codes below  |   |   |                      |   |                         |
|--|---|---|----------------------|---|-------------------------|
| <u>Inspection Specification</u><br>(1st letter)<br>A: Routine 100% Insp.<br>S: Sample Inspection<br>T: Type Inspection |   | <u>Inspection performed and documented by</u><br>(2nd letter)<br>E: Manufacturer<br>D: Supplier<br>B: Purchaser |                      | <u>Inspection supervised by</u><br>(3rd letter)<br>B: Purchaser<br>C: Inspector engaged by purchaser<br>D: Supplier |                         |
|  |   |   |                      | <u>Documentation</u><br>(4th letter)<br>R: Technical Report<br>P: Inspection Record<br>I: Certificate               |                         |
| Examination Procedures   |   | Codes   | Inspection Procedure | Inspection Record   | Deviation Report/Remark |
| <b>Type Inspection</b>   |   |   |                      |   |                         |
| T1   | Constant losses<br>KBE EP-170 pt. 3.4             | TE-R  |                      |   |                         |
| T2   | Load losses<br>KBE EP-170 pt. 3.8                 | TE-R  |                      |   |                         |
| T3   | Temperature rise<br>KBE EP-170 pt. 3.9            | TE-R  |                      |   |                         |
| T4   | Short circuit test<br>KBE EP-170 pt. 3.12         | TE-R  |                      |   |                         |
| T5   | Noise level<br>KBE EP-170 pt. 3.14                | TE-R  |                      |   |                         |
| T6   | Withstand voltage test<br>KBE EP-170 pt. 3.16     | TE-R  |                      |   |                         |
| T7   | Torque curve<br>KBE EP-170 pt. 3.19               | TE-R  |                      |   |                         |
| T8   | Seismic Qualification<br>Note 1 KBE EP-147        | TEBR  |                      |   |                         |
| T9   | Type inspection certificate<br>KBE EP-180 pt. 5.1 | TE-I  |                      |   |                         |
| T10  |   |   |                      |   |                         |
| T11  |   |   |                      |   |                         |
| T12  |   |   |                      |   |                         |
| T13  |   |   |                      |   |                         |
| T14  |   |   |                      |   |                         |
| <b>Notes</b><br><br>(See page 2)   |   |   |                      |   |                         |

| Examination Procedures   |  | Codes | Inspection Procedure | Inspection Record | Deviation Report/Remark |
|--|--|-------|----------------------|-------------------|-------------------------|
| <b>Routine Inspection</b>  |  |       |                      |                   |                         |
| R1   | Winding resistance measurement<br>KBE EP-170 pt. 3.3   | AE-P  |                      |                   |                         |
| R2   | No-load test<br>KBE EP-170 pt. 3.5                     | AE-P  |                      |                   |                         |
| R3   | Short-circuit test<br>KBE EP-170 pt. 3.12              | AE-P  |                      |                   |                         |
| R4   | Voltage withstanding test<br>KBE EP-170 pt. 3.16       | AE-P  |                      |                   |                         |
| R5   | Insulation resistance<br>KBE EP-170 pt. 3.17           | AE-P  |                      |                   |                         |
| R6   | Visual inspection<br>KBE EP-170 pt. 3.18               | AEBP  |                      |                   |                         |
| R7   | Bearing inspection/testing<br>Note 2.                  | AE-P  |                      |                   |                         |
| R8   | Inspection of corrosion protection<br>KBE EP-148       | AEBP  |                      |                   |                         |
| R9   | Electrical equipment delivery<br>inspection KBE EP-191 | AEBP  |                      |                   |                         |
| R10  | Quality and identity certificate<br>KBE EP-180 pt. 5.2 | AE-I  |                      |                   |                         |
| R11  |  |       |                      |                   |                         |
| R12  |  |       |                      |                   |                         |
| R13  |  |       |                      |                   |                         |
| R14  |  |       |                      |                   |                         |
| R15  |  |       |                      |                   |                         |
| R16  |  |       |                      |                   |                         |
| R17  |  |       |                      |                   |                         |
| <b>Notes</b><br><br>1. Verification of seismic requirements given in the Technical Specification.<br>2. SPM inspection, where called for in Technical Specification. |  |       |                      |                   |                         |