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| General Inspection plan Rubrik / Title Control Equipment and Process Instrumentation Field Mounted Radiation Monitoring Equipment | Beteckning / Document KBE IP – 104:2.2 |
| | Utgåva / Issue 3 |
| | Datum / Date 2013-08-20 |
| | Ersätter / Supersedes 2 |

| 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 | Environmental verification for normal operating conditions KBE EP-151 | TE-R | | | |
| T2 | Verification of function and performance KBE EP-152 | TE-R | | | |
| T3 | Electromagnetic compatibility verification KBE EP-153 | TE-R | | | |
| T4 | Seismic qualification KBE EP-147 | TE-R | | | |
| T5 | Environmental qualification for accident conditions KBE EP-154 | TE-R | | | |
| T6 | Long-term stability of process instruments and control equipment KBE EP-111 | TE-R | | | |
| T7 | Temperature dependence of activity measurement channels Note 1 | TE-R | | | |
| T8 | Performance of scintillation measurement channels Note 1 | TE-R | | | |
| T9 | Calibration of SPG detectors Note 1 | TE-R | | | |
| T10 | Type inspection certification KBE EP-180 | TE-R | | | |
| T11 | | | | | |
| T12 | | | | | |
| T13 | | | | | |
| T14 | | | | | |
| Notes 1. The test shall be carried out in accordance with the Manufacturers standard procedure, subject to prior review and approval by the Purchaser. | | | | | |

| Examination Procedures | | Codes | Inspection Procedure | Inspection Record | Deviation Report/Remark |
|---|--|-------|----------------------|-------------------|-------------------------|
| Routine Inspection | | | | | |
| R1 | Visual inspection KBE EP-101 | AEBI | | | |
| R2 | Material quality certificate KBE EP-109 | AE-I | | | |
| R3 | Insulation resistance measurement KBE EP-114 | AE-I | | | |
| R4 | Inspection of corrosion protection KBE EP-148 | AE-I | | | |
| R5 | Long-term stability of process instruments and control equipment KBE EP-111 | AE-I | | | |
| R6 | Calibration of radiation monitoring equipment Note 1 | AE-P | | | |
| R7 | Calibration, measurement of radio-activity in gases Note 1 | AE-P | | | |
| R8 | Energy resolution in radiation monitoring detectors Note 1 | AE-P | | | |
| R9 | Performance of scintillation measurement channels Note 1 | AE-P | | | |
| R10 | Calibration of SPG detectors Note 1 | AE-P | | | |
| R11 | Functional performance Note 1 | AE-I | | | |
| R12 | Quality and identity certification KBE EP-180 | AE-I | | | |
| R13 | Delivery Release Inspection Note 2 KBE EP-191 | AEBP | | | |
| R14 | Operating Experience KBE EP-187 | AE-R | | | |
| R15 | | | | | |
| R16 | | | | | |
| R17 | | | | | |
| Notes <ol style="list-style-type: none"> The test shall be carried out in accordance with the Manufacturers standard procedure, subject to prior review and approval by the Purchaser. Inspection witnessed by Purchaser in accordance with KBE 100. | | | | | |