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|  | TECHNICAL SPECIFICATIONPlant Requirement Specification |
|  | Electric Valve Actuator | 00 Document Reg. No. / Page No.      |
| 01 Plant        | System      | In-Plant Identification      | Art No      |
| 02 Safety Class (SC)       | Functional Class       | Location      | Type Approval / Qualification Report      |
| 03 Status | Prepared | Reviewed | Approved | 04 Revision | Prepared | Reviewed | Approved |
|        |       |       |       |       |       |       |       |
|        |       |       |       |       |       |       |       |

#### Requirement Specification

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| 20 Type of actuator      |
| 21 Valve Specification reference      |  |
| 22 Mech. connection to valve      | Valve spindle diameter      mm | Maximum permitted torque for valve       Nm  |
| 23 Valve spindle, turns for full stroke      | Stroke      mm | Mechanical position indicator[ ]        |
| 24 Required max/min/normal opening time      /       /       s | Required max/min/normal closing time      /       /       s |            |
| 25 Required torque opening/closingStart:       /       Nm | Operation:       /       Nm | Backseating:       /       Nm |
| 26 Position switches[x]  Open [x]  Closed [ ]  Intermediate       | Torque switches      |
| 27 Stopped in open position by[x]  Travel limit switch [x]  Torque switch | Stopped in closed position by[ ]  Travel limit switch [x]  Torque switch |
| 28 Continuous indication[ ]        | Continuous indication interface      |
| 29 Power supply - Motor      | Aux. power supply - Switches      |            |            |
| 30 Degree of protection - motor      | Degree of protection – terminal box      |            |            |
| 31 Remarks      |

Service Conditions

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| 51 **Normal operation** | 52 **Extreme operation** | 53 **Accident Conditions** |
|         |        |        |
| Additional | Additional | Accident Transients |
|        |        |        |
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| 54 Remarks      |

General Technical and Quality Requirements

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| 71 Technical and Quality RequirementsTBE 100 | KBE 100 |        |        |
| 72 Environmental Specifications   |        | Additional Environment severities        |        |
| 73 Additional Requirements      |
| 74 Safety Class (SC)       | Functional Class      | General Inspection Plan        | Final Inspection plan      |
| 75 Remarks      |

Surface treatment, Painting system

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| 91 Surface treatment      | Painting system      |

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