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|  | TECHNICAL SPECIFICATIONPlant Requirement Specification |
|  | Stationary Battery | 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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| 21 Type of battery equipmentLEAD-ACID BATTERY      |
| 22 Functional requirements           |
| 23 Load profile      |
| 24 Cell type      | Recharge requirements/ procedure      |
| 25 Rated terminal voltage       V  | Maximum terminal voltage       V  |
| 26 Minimum voltage after load profile test      V  | Minimum voltage after 5h test      V  |
| 27 Electrolyte density at float charging      kg/m3 ±       % |            |
| 28 Electrical connections drawing       | Battery stand drawing or location drawing       |
| 29            |            |
| 30 Degree of protection       |            |            |            |
| 31 RemarksElecrolyte density is not applicable on Valve Regulated type Batteries      |

Environmental 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 severalties        |        |
| 73 Additional Requirements      |
| 74 Safety Class (SC)       | Functional Class      | General Inspection Plan        | Final Inspection plan      |
| 75 Remarks      |

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