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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

|  |  |  |  |
| --- | --- | --- | --- |
| 21 Type of battery equipment  LEAD-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 Remarks  Elecrolyte density is not applicable on Valve Regulated type Batteries | | | |

Environmental Conditions

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

General Technical and Quality Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| 71 Technical and Quality Requirements  TBE 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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