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| --- | --- | --- | --- |
| **Non-Functional Requirements – What non-functional capability must the Power Supply Trainer have** | | | |
| **Serial** | **Requirement Description** | **MoSCoW[[1]](#footnote-1)** | **Comment** |
| **System Requirements** | | | |
| NFR001 | The PST must always be available for all access levels | Must Have |  |
| NFR002 | The PST must be in English | Must Have |  |
| NFR003 | The simulator must have the functionality to be backed up if software based | Must Have |  |
| NFR004 | The PST must enable enough modularity to ensure adaptability to technological change and minimise vendor lock-in | Must Have |  |
| NFR005 | The PST must be able to be enhanced upon | Must Have |  |
| NFR006 | Built to bespoke aircraft type – rotary or fixed wing | Will Not Have |  |
| NFR007 | Must be portable – on wheels to be moved between training areas | Must Have |  |
| NFR008 | Must have safe level voltages where trainees are utilising test points | Must Have |  |
| NFR009 | Must have an emergency stop function – kill switch | Must Have |  |
| **Hardware and Components** | | | |
| NFR010 | Test set digital multimeter | Must Have |  |
| NFR011 | Test set megger | Must Have | Insulation resistance testing |
| **Security and Privacy** | | | |
| NFR012 | The PST must provide a read out of assessment scores to admin users only | Should Have |  |
| NFR013 | The PST must be a closed system that is not network enabled or WiFi capable | Must Have |  |
| NFR014 | The PST must have a data confidentiality policy | Should Have | Extent to which data needs to be protected and kept confidential |
| NFR015 | The PST will follow the Authorities compliance policies | Should Have | The processes which will be used to confirm systems compliance with an organisation security standards and policies |
| NFR016 | The PST must be auditable | Should Have | Security driven auditing to ensure the security guidelines and policies are not being breached |
| **Delivery** | | | |
| NFR017 | Supporting Documentation | Must Have | Processes and procedures for carrying out functionals / Fault Finding as per current documentation |
| NFR018 | Upgrades, bug fixes | Must Have | No downtime |
| NFR019 | Ongoing support and maintenance requirements | Must Have | GTMS Contract support |
| NFR020 | Acceptance testing | Must Have | All parties (RNAESS/SAAE/Cosfrod) need to sign off on acceptance testing |
| NFR021 | The PST must have a test environment | Must Have | Any upgrades or changes should be tested in the testing environment before going into a live environment |
| **Reliability** | | | |
| NFR022 | No less than 90% of PSTs must always be available when training is being provided | Must Have |  |

1. Must Hav, Should Have, Could Have, Will Not Have [↑](#footnote-ref-1)