Verification Plan of Technical Requirements

1 introduction

This document is linked to the Project plan of BM02A，The verification is carried out in the following different forms：

In the design phases，verification implies the evaluation of the work products of each phase to ensure that they comply with the requirement set out in the previous phase for correctness，completeness and consistency.

In the test phases，verification implies the evaluation of the work products of a particular phase within a test environment to ensure that comply with the requirements set out at that particular phase.

2 Objective

The objective of this phase is to plan for verification of technical requirements derived from the system requirements specification.

3 Responsible person

The responsible person of this phase is shuo.Xu and jingwen.Liang.

4 Overall verification strategy

Depending on the required work product the best verification methods shall be show that the objectives are reached.

4.1 Safety anomalies strategy

If safety anomalies is found during validation, it should be recorded in the safety anomalies report, which is managed and tracked by the project manager and safety manager. If you need to change TR, you should turn to the ***Technical Requirements change process .***

4.2 Regression

When there is change, the requirement and specification according to dependency of change which may be affected shall be verified again.

The change management process shall be planned and initiated before changes are made to work products referring to ***Change management plan***, then change initiator launch the Change request, and the related people need analysis the change impact and evaluate the change request which is implemented in ***Impact analysis and change request plan***. Lastly, the change should be documented in the ***Change report***.

5 Work products

Following are the deliverables from this phase.

Ref	Work products
1	Verification Report of Technical Requirements
2	

6 Verification Review Methods

The requirements shall be verified to ensure that：

- The technical requirements are traceable and consistent with the system requirements.
- The requirements are unambiguous，atomic，internally and externally consistent.

Verification methods	Used or not	Verification Performer	Verification pass condition	Refer to sub-verification report
Inspection	Used	PSM	Whether issues related to TR are closed?	Verification specification of TR
Walk-through	/	/	/	/
Simulation	Used		Whether it verifies the TR effectiveness?	Verification specification of TR
Testing	/	/	/	/
Analysis	Used	PSM	Whether the TR is sufficient and indispensible?	Verification specification of TR

7 Appendix

1.Technical Requirements change process

2.Change management plan

3.Impact analysis and change request plan

4.Change report