

Form NP 19-1-2 Instructions

- 1 – 4. These fields are needed for configuration management. Please supply the software name and version for which the RD is being written. Provide the RD Document Version. Follow Version requirements listed in Section 2.0.
5. Functionality. Functional requirements define what the software product must accomplish
6. Performance. Clearly describe all required time performance issues.
7. Design Constraints. Clearly describe any functional requirements that will later restrict design options.
8. Attributes.
 - Portability. Describe any requirements for using the code on more than one platform
 - Acceptance Criteria. Acceptable result for a given functional requirement. Often includes a quantification of acceptable error range per %. Acceptance criteria specifies the outputs and features required to demonstrate acceptable performance and provides a quantitative basis for each required output or feature to be evaluated.
 - Maintainability. The structure and style of the requirements allow that necessary changes can be made.
9. External Interfaces. Describe any interactions with users that will be functional requirements (GUI interfaces for example).
10. Completeness. Each requirement describes a result that must be achieved. All requirements together describe all functionality that the software product will provide.
11. Verifiability. Functional requirements must be implementable as source code.
12. Consistency. Individual requirements are not in conflict with each other.
13. Technical Feasibility. The requirements can be implemented under existing constraints.