# Software Test Procedure Template for CSCI Testing

This template can be used for writing software test procedure and software acceptance test procedures.

### Hardware Preparation

Describe the hardware set-up required for the test. The following shall be provided, as applicable:

*a. The specific hardware to be used, identified by name and, if applicable, number*

*b. Any switch settings and cabling necessary to connect the hardware*

*c. One or more diagrams to show hardware, interconnecting control, and data paths*

*d. Step-by-step instructions for placing the hardware in a state of readiness*

### Software Preparation

Describe the software set-up required for the test. The following information shall be provided, as applicable:

*a. The specific software to be used in the test. Test software shall be identified and associated with its appropriate test number in the test plan. The test report shall identify the use of test software.*

*b. Instructions for loading the software, including required sequence*

*c. Instructions for software initialization common to more than one test case*

The test case below is an example in the recommended format:

*Test Case 1: Describe test*

| ***Step*** | ***Procedure*** | ***Expected Result*** | ***Requirement*** | ***Pass/Fail*** |
| --- | --- | --- | --- | --- |
|  | *Launch “….* |  |  |  |
|  | *Perform …..* |  |  |  |
|  | *Verify that the information from the configuration files was logged.* |  | *3.3.2.5 (a), 3.3.2.5 (b)* |  |
|  | *Close …..* |  |  |  |
|  | *Delete file.* |  |  |  |
| 1. *E* | *Exit ….* |  |  |  |