8. Types of Test Reports

The documents outlined in the IEEE Standard of Software Test Documentation covers test planning, test specification, and test reporting.

Test reporting covers four document types:

1. A **Test Item Transmittal Report** identifies the test items being transmitted for testing from the development to the testing group in the event that a formal beginning of test execution is desired

Details to be included in the report - Purpose, Outline, Transmittal-Report Identifier, Transmitted Items, Location, Status, and Approvals.

2. A **Test Log** is used by the test team to record what occurred during test execution

Details to be included in the report - Purpose, Outline, Test-Log Identifier, Description, Activity and Event Entries, Execution Description, Procedure Results, Environmental Information, Anomalous Events, Incident-Report Identifiers

3. A **Test Incident report** describes any event that occurs during the test execution that requires further investigation

Details to be included in the report - Purpose, Outline, Test-Incident-Report Identifier, Summary, Impact

4. A **test summary report** summarizes the testing activities associated with one or more test-design specifications

Details to be included in the report - Purpose, Outline, Test-Summary-Report Identifier, Summary, Variances, Comprehensiveness Assessment, Summary of Results, Summary of Activities, and Approvals