

| Requirement Number | Title | Applies to | Source Reference | Applicable TGDC Resolutions |
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| <i>Part 3, Chapter 2: Conformity Assessment Process</i> | | | | |
| 2.4.2.1-A | Submit Technical Data Package | Voting system | [VVSG2005] II.1.5 | 24-05,26-05,28-05,09-06 |
| 2.4.2.2-A | Submit system without COTS | Voting system | New requirement | 14-05,25-05,28-05,09-06 |
| 2.4.2.2-B | Hardware equivalent to production version | Voting system | [VVSG2005] II.1.6.a | 24-05,26-05,28-05,09-06 |
| 2.4.2.2-C | Logic equivalent to production version | Voting system | [VVSG2005] II.1.6.b | 24-05,26-05,28-05,09-06 |
| 2.4.2.2-D | No prototypes | Voting system | [VVSG2005] II.1.6.c | 24-05,26-05,28-05,09-06 |
| 2.4.2.2-E | Benchmark directory listings | Voting system | [VVSG2005] II.1.6.d | 24-05,26-05,28-05,09-06 |
| 2.4.3-A | Test lab build environment assembly | Voting system | [EAC06b] Section 5.6.1.2 and [VVSG2005] II.1.8.2.4 | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.1 | Witness of build environment assembly | Voting system | [EAC06b] Section 5.6 and [VVSG2005] II.1.8.2.4 | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.2 | Build environment establishment | Voting system | [EAC06b] Section 5 | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.3 | Build environment software and hardware procurement | Voting system | [EAC06b] Section 5.6.1.2 and [VVSG2005] II.1.8.2.4 | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.4 | Open market procurement of COTS software and hardware | Voting system | New Requirement | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.5 | Erasable storage media preparation | Voting system | [EAC06b] Section 5.6.1.1 | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.6 | Build environment assembly | Voting system | [EAC06b] Section 5.6.1.2 | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.7 | Build environment assembly deviation record requirement | Voting system | [EAC06b] Section 5. | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.8 | Build environment digital signature verification | Voting system | [EAC06b] Section 5.6.2.1 | 24-05,26-05,28-05,09-06 |

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| 2.4.3-A.9 | Build environment digital signature verification record | Voting system | [EAC06b] Section 5. | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.10 | Build environment pre-build binary image copy | Voting system | New Requirement | 24-05,26-05,28-05,09-06 |
| 2.4.3-A.11 | Build environment pre-build binary image digital signature | Voting system | [EAC06b] Section 5.6.1.3 | 24-05,26-05,28-05,09-06 |
| 2.4.3-B | Use of established build environment | Voting system | [EAC06b] and [VMSG2005] II.1.8.2.4 | 24-05,26-05,28-05,09-06 |
| 2.4.3-B.1 | Witness of voting system software build | Voting system | [EAC06b] Section 5.6 | 24-05,26-05,28-05,09-06 |
| 2.4.3-B.2 | Voting system software build record | Voting system | [EAC06b] Section 5. | 24-05,26-05,28-05,09-06 |
| 2.4.3-B.3 | Voting system software digital signature verification | Voting system | [EAC06b] Section 5.6.2.1 | 24-05,26-05,28-05,09-06 |
| 2.4.3-B.4 | Voting system software digital signature verification result record | Voting system | [EAC06b] Section 5. | 24-05,26-05,28-05,09-06 |
| 2.4.3-B.5 | Voting system software build | Voting system | [EAC06b] Section 5.6.3 | 24-05,26-05,28-05,09-06 |
| 2.4.3-B.6 | Voting system software executable code build deviation record | Voting system | [EAC06b] Section 5. | 24-05,26-05,28-05,09-06 |
| 2.4.3-B.7 | Build environment post build binary image | Voting system | [EAC06b] Section 5.6.2.3 | 24-05,26-05,28-05,09-06 |
| 2.4.3-B.8 | Build environment post build binary image digital signature | Voting system | [EAC06b] Section 5.6.2.2 | 24-05,26-05,28-05,09-06 |
| 2.4.3-C | Witness of build for previously built voting system software | Voting system | [EAC06b] Section 5.6 | 24-05,26-05,28-05,09-06 |
| 2.4.3-D | Original post build environment re-establishment | Voting system | [EAC06b] Section 5.6.4.1 and 5.6.4.2 | 24-05,26-05,28-05,09-06 |
| 2.4.3-D.1 | Erasable storage media preparation | Voting system | [EAC06b] Section 5.6.1.1 | 24-05,26-05,28-05,09-06 |
| 2.4.3-D.2 | Original post build environment re-establishment digital signature verification | Voting system | [EAC06b] Section 5.6.4.1 | 24-05,26-05,28-05,09-06 |
| 2.4.3-D.3 | Original post build environment re-establishment digital signature verification record | Voting system | [EAC06b] Section 5. | 24-05,26-05,28-05,09-06 |

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| 2.4.3-D.4 | Original post build environment re-establishment record | Voting system | [EAC06b] Section | 24-05,26-05,28-05,09-06 |
| 5.2.4.3-E | Build of updated voting system software executable code | Voting system | [EAC06b] Section 5.6.4.2 and [VVSG2005] II.1.8.2.4 | 24-05,26-05,28-05,09-06 |
| 2.4.3-E.1 | Updated voting system software source code digital signature verification | Voting system | [EAC06b] Section 5.6.4.2 | 24-05,26-05,28-05,09-06 |
| 2.4.3-E.2 | Updated voting system software source code digital signature verification record | Voting system | [EAC06b] Section 5. | 24-05,26-05,28-05,09-06 |
| 2.4.3-E.3 | Updated voting system software build procedures | Voting system | [EAC06b] Section 5.6.4.2 | 24-05,26-05,28-05,09-06 |
| 2.4.3-E.4 | Updated voting system software build record | Voting system | [EAC06b] Section 5. | 24-05,26-05,28-05,09-06 |
| 2.4.3-E.5 | Updated build environment post build binary image | Voting system | [EAC06b] Section 5.6.2.3 | 24-05,26-05,28-05,09-06 |
| 2.4.3-E.6 | Updated build environment post build binary image digital signature | Voting system | [EAC06b] Section 5.6.2.2 | 24-05,26-05,28-05,09-06 |
| 2.4.3.3-A | COTS assembly and configuration documentation | Voting system | COTS verification process per STS and CRT consensus, June 2006 | 14-05,25-05,28-05,09-06 |
| 2.4.3.3-B | Obtain COTS Off the shelf | Voting system | [VVSG2005] II.5.2 | 14-05,25-05,28-05,09-06 |
| 2.4.3.3-C | COTS assembly and configuration witness | Voting system | [VVSG2005] II.1.8.2.4 | 14-05,25-05,28-05,09-06 |
| 2.4.3.3-C.1 | Test lab assembly and configuration of COTS | Voting system | New requirement | 14-05,25-05,28-05,09-06 |
| 2.4.3.3-C.2 | Test lab record of COTS assembly and configuration | Voting system | New requirement | 14-05,25-05,28-05,09-06 |
| 2.4.3.3-C.3 | Document deviations from of COTS assembly and configuration documentation | Voting system | New requirement | 14-05,25-05,28-05,09-06 |
| 2.5.1-A | Prepare test plan | Voting system | [VVSG2005] II.1.8.2.1 | 24-05,26-05,28-05,09-06 |

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| 2.5.2-A | Witness test preparation | Voting system | [VSS2002] II.9.6.2.2.a | 24-05,26-05,28-05,09-06 |
| 2.5.2-B | Ambient conditions | Voting system | [VVSG2005] II.1.8.2.2.b | 24-05,26-05,28-05,09-06 |
| 2.5.2-C | Tolerances for specified temperatures and voltages | Voting system | [VVSG2005] II.1.8.2.2.c | 24-05,26-05,28-05,09-06 |
| 2.5.3-A | Complete system testing | Voting system | [VVSG2005] II.1.7.1 | 24-05,26-05,28-05,09-06 |
| 2.5.3-B | Exceptions to complete system testing | Voting system | [VVSG2005] II.5.2 | 24-05,26-05,28-05,09-06 |
| 2.5.4-A | Test log | Voting system | [VVSG2005] II.1.8.2.5.a | 24-05,26-05,28-05,09-06 |
| 2.5.4-B | Test environment conditions | Voting system | [VVSG2005] II.1.8.2.5.b | 24-05,26-05,28-05,09-06 |
| 2.5.4-C | Items to be logged | Voting system | [VVSG2005] II.1.8.2.5.c | 24-05,26-05,28-05,09-06 |
| 2.5.5-A | Conduct all tests | Voting system | [VVSG2005] II.1.8.2.6 | 24-05,26-05,28-05,09-06 |
| 2.5.5-B | Log all anomalies | Voting system | [VVSG2005] II.1.8.2.6.a | 24-05,26-05,28-05,09-06 |
| 2.5.5-C | Critical software defects are unacceptable | Voting system | [GPO90] 7.1.1, [VSS2002] Overview, [VVSG2005] II.1.8.2.6.b | 24-05,26-05,28-05,09-06 |
| 2.5.5-D | Software defects are not field-serviceable | Voting system | [VVSG2005] II.1.8.2.6.b, clarified and strengthened | 24-05,26-05,28-05,09-06 |
| 2.5.5-E | Hardware failures are field-serviceable | Voting system | [VVSG2005] II.1.8.2.6.c | 24-05,26-05,28-05,09-06 |
| 2.5.5-F | Pauses in test campaign | Voting system | [VVSG2005] II.1.8.2.6.d | 24-05,26-05,28-05,09-06 |
| 2.5.5-G | Resumption after deficiency | Voting system | [VVSG2005] II.1.8.2.6.e, clarified | 24-05,26-05,28-05,09-06 |
| 2.6.1.1-A | Version of voting system software executable code | Voting system | [VVSG2005] II.1.8.4.2 | 24-05,26-05,28-05,09-06 |
| 2.6.1.1-A.1 | Initial test lab build version | Voting system | [VVSG2005] II.1.8.4.2 | 24-05,26-05,28-05,09-06 |
| 2.6.1.1-A.2 | Final test lab build version | Voting system | [VVSG2005] II.1.8.4.2 | 24-05,26-05,28-05,09-06 |

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| 2.6.1.1-A.3 | Final voting system software executable code build | Voting system | [VVSG2005] II.1.8.4.2 | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-A | Software distribution package master copy establishment | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-A.1 | Master copy creation record | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-A.2 | Master copy storage media | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-A.3 | Copy creation record | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-A.4 | Master copy and copy creation record storage media | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-A.5 | Master copy retention | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-B | Human readable software distribution package identification file | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-C | Human readable software distribution package content file | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-D | Software distribution archive files format | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-E | Full directory path for files within an archive file | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-F | Software distribution package digital signature | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-F.1 | Software distribution package digital signature generation | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-F.2 | Software distribution package digital signature format | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-G | Software distribution package physical media labeling requirement | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.1-H | Physical media digital signature | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.2-A | Repository software distribution package request process documentation | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.2-B | Repository digital signature verification | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.2-B.1 | Repository digital signature verification result record | Voting system | New requirement | 24-05,26-05,28-05,09-06 |

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| 2.6.2.2-C | Repository software distribution package | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.2-D | Notary repositories software integrity information software distribution package | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.2-E | Distribution and escrow repository software distribution package copy | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.2-F | Notary repository software distribution package copy | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.3-A | Software distribution package containing voting system software source and executables | Voting system | [EAC06b] Section 5.6.3.1 | 24-05,26-05,28-05,09-06 |
| 2.6.2.3-B | Software distribution package containing configuration files, installation programs, and third party developed software | Voting system | [EAC06b] Section 5.6.3.1 and 5.6.3.3 | 24-05,26-05,28-05,09-06 |
| 2.6.2.3-C | Software distribution packages for manufacturers, National Software Reference Library (NSRL), and designated national repository | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.3-D | Software distribution packages for other parties | Voting system | [EAC06b] Section 5.6.2.4, 5.6.3.2, 5.7.1-5 | 24-05,26-05,28-05,09-06 |
| 2.6.2.4-A | Manufacturer usage of software distribution packages | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.4-B | Software distribution package containing voting system software source code | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.4-C | Software distribution package containing configuration files, installation programs, and third party developed software | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.2.4-D | Manufacturer TDP software distribution packages | Voting system | New requirement | 24-05,26-05,28-05,09-06 |
| 2.6.3-A | Prepare test report | Voting system | [VVSG2005] II.1.8.3.b | 24-05,26-05,28-05,09-06 |

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| 2.6.3-B | Consolidated test report | Voting system | [VVSG2005] II.1.8.3.c | 24-05,26-05,28-05,09-06 |
| <i>Part 3, Chapter 4: Documentation and Design Reviews (Inspections)</i> | | | | |
| 4.1-A | Initial review of documentation | Voting system | [VSS2002]/[VVSG2005] II.5.3, generalized | 14-05,25-05,09-06 |
| 4.1-B | Review of COTS suppliers' specifications | Voting system | New requirement | 14-05,25-05,09-06 |
| 4.2-A | As-built configuration reflected by records | Voting system | [MIL85] 80.1, [VVSG2005] II.6.6 | 14-05,25-05,09-06 |
| 4.2-B | Check identity of previously tested devices | Voting system | [VSS2002] II.6.3.a / [VVSG2005] II.6.3 | 14-05,25-05,09-06 |
| 4.2-C | Accuracy of system and device classification | Voting system | New requirement | 14-05,25-05,09-06 |
| 4.2-D | Validate configuration | Voting system | [VSS2002] I.4.1.1 | 14-05,25-05,09-06 |
| 4.3-A | Verify design requirements | Voting system | New requirement | 14-05,25-05,09-06 |
| 4.3-B | Identification of security control inconsistencies | Voting system | [NIST05] | 14-05,25-05,09-06 |
| 4.4.1-A | Quality and Configuration Management Manual | | New requirement | 14-05,25-05,09-06 |
| 4.4.2.1-A | Identification of systems | Voting system | New requirement | 14-05,25-05,09-06 |
| 4.4.2.1-B | Configuration log | Voting system | New requirement | 14-05,25-05,09-06 |
| 4.6.1-A | Review source versus manufacturer specifications | Voting system | [VSS2002] II.5.4 | 14-05,25-05,09-06 |
| 4.6.1-B | Review source versus coding conventions | Voting system | [VSS2002] II.5.4, II.5.4.2 | 14-05,25-05,09-06 |
| 4.6.1-C | Review source versus workmanship requirements | Voting system | [VSS2002] II.5.4 | 14-05,25-05,09-06 |
| 4.6.1-D | Efficacy of built-in self-tests | Voting system | [VSS2002] I.2.3.4.1.a2 (the second a) | 14-05,25-05,09-06 |
| 4.6.2-A | Security control source code review | Voting system | New requirement | 14-05,25-05,09-06 |
| 4.7-A | Check inductive assertions | Voting system | New requirement | 14-05,25-05,09-06 |
| 4.7-B | Check limits | Voting system | New requirement | 14-05,25-05,09-06 |

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| 4.7-C | Check constraints | Voting system | New requirement | 14-05,25-05,09-06 |
| 4.7-D | Burden of proof | Voting system | New requirement | 14-05,25-05,09-06 |
| <i>Part 3, Chapter 5: Test Methods</i> | | | | 14-05,25-05,09-06 |
| 5.1.1.2-A | Power port disturbances | Electronic device | New requirement | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-A.1 | Combination wave | Electronic device | [IEEE02a] Table 3 | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-A.2 | Ring wave | Electronic device | [IEEE02a] Table 2 and Table 5 | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-A.3 | Electrical fast transient burst | Electronic device | [IEEE02a] Table 6, [ISO04b] | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-A.4 | Sags and swells | Electronic device | New requirement | 14-05,25-05,09-06 |
| 5.1.1.2-B | Communications (telephone) port disturbances | Electronic device | New requirement | 14-05,25-05,09-06 |
| 5.1.1.2-B.1 | Emissions from other connected equipment | Electronic device | [Telcordia06] subclause 3.2.3 | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-B.2 | Lightning-induced disturbances | Electronic device | [Telcordia06] subclauses 4.6.7 and 4.6.8 | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-B.3 | Power faults-induced disturbances | Electronic device | [Telcordia06] subclause 4.6 | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-B.4 | Power contact disturbances | Electronic device | [Telcordia06] subclause 4.6 | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-B.5 | Electrical Fast Transient (EFT) | Electronic device | [ISO04b] clause 6 | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-B.6 | Steady-state induced voltage | Electronic device | [Telcordia06] sub-clause 5.2 | 14-05,22-05,25-05,09-06 |
| 5.1.1.2-C | Interaction between power port and telephone port | Electronic device | New requirement | 14-05,25-05,09-06 |
| 5.1.1.3-A | Electromagnetic field immunity (80 MHz to 6.0 GHz) | Electronic device | [ANSI97], [ISO06a], [ISO06d] | 14-05,22-05,25-05,09-06 |
| 5.1.1.3-B | Electromagnetic field immunity (150 kHz to 80 MHz) | Electronic device | [FCC07], [ISO06b] | 14-05,22-05,25-05,09-06 |
| 5.1.1.3-C | Electrostatic discharge immunity | Electronic device | [ANSI93], [ISO01] | 14-05,22-05,25-05,09-06 |
| 5.1.2.1-A | Communications port emissions | Voting system | [Telcordia06] subclause 3.2.3 | 14-05,22-05,25-05,09-06 |
| 5.1.2.2-A | Radiated emission limits | Voting system | [FCC07] | 14-05,22-05,25-05,09-06 |

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| 5.1.3.1-A | Dielectric withstand | Voting system | [Telcordia06] Section 4.9.5 | 14-05,22-05,25-05,09-06 |
| 5.1.3.2-A | Leakage current via grounding port | Voting system | New requirement | 14-05,25-05,09-06 |
| 5.1.4-A | Tests of non-operating equipment | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.1.4-A.1 | Bench handling | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.1.4-A.2 | Vibration | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.1.4-A.3 | Storage temperature | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.1.4-A.4 | Storage humidity | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.1.5-A | Tests of operating equipment | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.1.5-A.1 | Operating temperature | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.1.5-A.2 | Operating humidity | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.2.1.2-A | Applicable tests | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.2.1.2-B | Test assumptions | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.2.1.2-C | Missing functionality | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.2.1.2-D | Any demonstrable violation justifies an adverse opinion | Voting system | [VVSG2005]II.4.6 | 14-05,25-05,09-06 |
| 5.2.2-A | Instruction and branch testing | Voting system | Clarification of [VSS2002]/[VVSG2005] II.6.2.1 and II.A.4.3.3 | 14-05,25-05,09-06 |
| 5.2.2-B | Interface testing | Voting system | Clarification of [VSS2002]/[VVSG2005] II.6.3 | 14-05,25-05,09-06 |
| 5.2.2-C | Pass criteria for structural testing | Voting system | [VSS2002]/[VVSG2005] II.A.4.3.3 | 14-05,25-05,09-06 |
| 5.2.3-A | Functional testing, VVSG requirements | Voting system | [VSS2002]/[VVSG2005] II.A.4.3.4 | 14-05,25-05,09-06 |
| 5.2.3-B | Functional testing, capacity tests | Voting system | Generalization from [VSS2002]/[VVSG2005] II.6.2.3 | 14-05,25-05,09-06 |
| 5.2.3-B.1 | Practical limit on capacity operational tests | Voting system | [VVSG2005]II.4.7 | 14-05,25-05,09-06 |
| 5.2.3-C | Functional testing, stress tests | Voting system | [VSS2002]/[VVSG2005] II.A.4.3.5 | 14-05,25-05,09-06 |
| 5.2.3-D | Functional testing, volume test | Voting system | [CA06] | 14-05,25-05,09-06 |

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| 5.2.3-D.1 | Volume test, vote-capture devices | VEBD | [CA06] | 14-05,25-05,09-06 |
| 5.2.3-D.2 | Volume test, precinct tabulator | Precinct tabulator | [CA06] | 14-05,25-05,09-06 |
| 5.2.3-D.3 | Volume test, central tabulator | Central tabulator | [GPO90] Exhibit J-1 (Central Count) | 14-05,25-05,09-06 |
| 5.2.3-D.4 | Test imperfect marks and folds | MCOS | Numerous public comments and issues | 14-05,25-05,09-06 |
| 5.2.3-E | Functional testing, languages | Voting system | | 14-05,25-05,09-06 |
| 5.2.3-F | Functional testing, error cases | Voting system | [VSS2002]/[VVSG2005] II.A.4.3.4 | 14-05,25-05,09-06 |
| 5.2.3-F.1 | Procedural errors | Voting system | [GPO90] 8.8 | 14-05,25-05,09-06 |
| 5.2.3-F.2 | Hardware failures | Voting system | [GPO90] 8.5 | 14-05,25-05,09-06 |
| 5.2.3-F.3 | Communications errors | Voting system | [VSS2002]/[VVSG2005] II.6.3 | 14-05,25-05,09-06 |
| 5.2.3-G | Functional testing, manufacturer functionality | Voting system | [VSS2002]/[VVSG2005] II.3.2.3, II.6.7 | 14-05,25-05,09-06 |
| 5.2.3-H | Functional test matrix | Voting system | [VSS2002]/[VVSG2005] II.A.4.3.4 | 14-05,25-05,09-06 |
| 5.2.3-I | Pass criteria for functional testing | Voting system | [VSS2002]/[VVSG2005] II.A.4.3.4 | 14-05,25-05,09-06 |
| 5.3.3-A | Reliability, pertinent tests | Voting system | [VVSG2005] II.C | 14-05,25-05,09-06 |
| 5.3.3-B | Failure rate data collection | Voting device | [VVSG2005] II.C | 14-05,25-05,09-06 |
| 5.3.3-C | Failure rate pass criteria | Voting device | [VVSG2005] II.C | 14-05,25-05,09-06 |
| 5.3.4-A | Accuracy, pertinent tests | Voting system | [VVSG2005] II.C | 14-05,25-05,09-06 |
| 5.3.4-B | Calculation of report total error rate | Voting system | Revision of [GPO90] F.6 | 14-05,25-05,09-06 |
| 5.3.4-C | Error rate data collection | Voting system | [VVSG2005] II.C | 14-05,25-05,09-06 |
| 5.3.4-D | Error rate pass criteria | Voting system | [VVSG2005] II.C | 14-05,25-05,09-06 |
| 5.3.5-A | Misfeed rate, pertinent tests | Voting system | [VVSG2005] II.C | 14-05,25-05,09-06 |
| 5.3.5-B | Calculation of misfeed rate | Paper-based device, Tabulator, EBM | New requirement | 14-05,25-05,09-06 |
| 5.3.5-C | Misfeed rate data collection | Paper-based device, Tabulator, EBM | New requirement | 14-05,25-05,09-06 |

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| 5.3.5-D | Misfeed rate pass criteria | Paper-based device, Tabulator, EBM | New requirement | 14-05,25-05,09-06 |
| 5.4.1-A | Scope of open-ended vulnerability testing | | New requirement | 14-05,25-05,09-06 |
| 5.4.1-B | Focus of open-ended vulnerability testing | | New requirement | 14-05,25-05,09-06 |
| 5.4.1-C | OEVT General Priorities | | New requirement | 14-05,25-05,09-06 |
| 5.4.2-A | OEVT team resources | | New requirement | 14-05,25-05,09-06 |
| 5.4.2-B | Open-ended vulnerability team establishment | | New requirement | 14-05,25-05,09-06 |
| 5.4.2-C | OEVT team composition – security experts | | New requirement | 14-05,25-05,09-06 |
| 5.4.2-D | OEVT Team Composition- Election Management Expert | | New requirement | 14-05,25-05,09-06 |
| 5.4.2-E | OEVT team knowledge | | New requirement | 14-05,25-05,09-06 |
| 5.4.2-F | OEVT level of effort – test plan | | New requirement | 14-05,25-05,09-06 |
| 5.4.2-G | OEVT level of effort – commitment of resources | | New requirement | 14-05,25-05,09-06 |
| 5.4.3-A | Rules of engagement – context of testing | | New requirement | 14-05,25-05,09-06 |
| 5.4.3-B | Rules of engagement – adequate system model | | New requirement | 14-05,25-05,09-06 |
| 5.4.3-C | Rules of engagement – adequate threat model | | New requirement | 14-05,25-05,09-06 |
| 5.4.4-A | OEVT fail criteria – violation of requirements | | New requirement | 14-05,25-05,09-06 |
| 5.4.4-B | Threat model - failure | | New requirement | 14-05,25-05,09-06 |
| 5.4.4-C | OEVT fail criteria – critical flaws | | New requirement | 14-05,25-05,09-06 |
| 5.4.5-A | OEVT reporting requirements | | New requirement | 14-05,25-05,09-06 |
| 5.4.6-A | VSTL Response to OEVT | | New requirement | 14-05,25-05,09-06 |