

Type of Test	PASS	FAIL	IC
Verification			3-10-1-13(a)
Verification			3-10-1-13(a)
Verification			3-10-1-13(b)
Verification			3-10-1-13(c)
			3-11-14-4
			3-11-13-21
Verification			3-10-1-13(d)
			3-10-1-15(a)
Verification			3-10-1-13(d)
			3-10-1-15(a)
Verification			3-10-1-13(d)
			3-7-13-3

			3-10-1-15(a)
Verification			3-10-1-19(b)
Verification			3-10-1-17
Verification			3-10-1-19(c)(2)
			3-10-1-19(c)(3)
Verification			3-10-1-19(c)(4)
Verification			3-10-1-19(d)
			3-10-1-19(e)
			3-10-1-19(f)
Verification			3-10-1-19(g)
			3-10-1-19(h)
			3-10-1-19.2
			3-10-1-19.5
Verification			3-10-1-14.1(a)
			3-10-1-15(b)
Verification			3-10-1-14.1(a)

Verification			3-5-7-5.5
Verification			3-5-7-5.5
Verification			3-10-1-14.1(a)
Verification			3-10-1-14.1(a)
Verification			3-10-1-15(c)
Verification			3-10-1-18(a)
Verification			3-11-14-11
Verification			3-10-1-19(d)
			3-10-9-4
Verification			3-11-4-14
Verification			3-11-4-19(a)

Verification			3-11-10-27(d)
Verification			3-11-4-19(b)
			3-11-10-27(b)
Verification			3-11.5-4-6(b)
Verification			3-11.5-4-6(b) / 3-11-15-26(b)
Verification			3-11-15-26(c)
Verification			3-11.5-8-1 / 3-11-15-26(b)
Verification			3-11-15-26(c)
Verification			3-11-13-7.5(b)
Documentation			3-11-13-7.5(d)&(e)
Verification			3-11-13-7.5(f)
Verification			3-11-13-11(c)
Verification			3-11-13-19(a)

Verification			3-11-13-11(k)
Verification			3-11-13-11(m)
Verification			3-11-13-11.5
Verification			3-11-13-11(l)
Verification			3-11-13-14(c)
Verification			3-11-13-11(l)
Verification			3-11-13-11(l)
Verification			3-11-13-11(p)
Verification			3-11-13-11(e)
Verification			3-11-13-11(f)
Verification			3-11-13-11(f)
Verification			3-11-13-11(i)
Verification			3-11-13-11(j)
Verification			3-11-13-11(g)
Verification			3-11-13-11(d)
Verification			3-11-13-11(g)
			3-11-13-18

			3-11-13-28.7(b)
Verification			3-11-13-11(b)
Verification			3-5-7-5.5
Verification			3-11-13-11(h)
Verification			3-11-13-11(h)
Verification			3-11-13-11(h)
Verification			3-11-13-11(i)
Verification			3-11-13-11(j)
Verification			3-8-2.5-2.5(a)(5)
Verification			3-11-13-12
Verification			3-11-13-13
Verification			3-11-13-19(b)-(d)
			3-11-13-28.1
			3-11-13-28.2
			3-11-13-28.5

			3-11-13-28.7(a)
Verification			3-11-14-2(d)(1)
Verification			3-11-14-2(d)(2)
Verification			3-11-14-2(d)(3)
Verification			3-11-14-2(d)(4)
Verification			3-11-14-2(d)(5)
Verification			3-11-14-2(d)(6)
Verification			3-11-14-2(d)(7)
Verification			3-11-14-2(d)(8)
Verification			3-11-14-2(d)(9)
Verification			3-11-14-2(e)
Verification			3-11-14-3(b)(1)
Verification			3-11-14-3(b)(2)
Verification			3-11-14-3(b)(3)
Verification			3-11-14-3.5(b)
Verification			3-11-14-3.5(c)

Verification			3-11-14-3.5(k)
Verification			3-11-14-3.5(l)
Verification			3-11-14-3.5(n)
Verification			3-11-14-3.7
Verification			3-11-14-3.5(m)
Verification			3-11-14-3.5(m)
Verification			3-11-14-3.5(m)
Verification			3-11-14-3.5(m)
Verification			3-11-14-14.5
Verification			3-11-14-3.5(d)
Verification			3-11-14-3.5(e)
Verification			3-11-14-3.5(e)
Verification			3-11-14-3.5(f)
Verification			3-11-14-3.5(i)
Verification			3-11-14-3.5(j)
Verification			3-8-2.5-2.5(a)(5)

Verification			3-11-14-3.5(a)
Verification			3-5-7-5.5
Verification			3-11-14-3.5(f)
Verification			3-11-14-3.5(g)
Verification			3-11-14-3.5(g)
Verification			3-11-14-3.5(h)
Verification			3-11-14-3.5(h)
Verification			3-11-14-3.5(h)
Verification			3-11-14-3.5(i)
Verification			3-11-14-3.5(j)
Verification			3-11-14-12
Verification			6-1.1-20-3.9
			20-46-1-16
			20-46-9-16

Verification			3-11-13-3(1)
Verification			3-11-13-3(2)
Verification			3-11-13-3(3)
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Demonstration			3-12-1-4(b)
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Demonstration			3-12-1-5(c)
			3-12-1-6
Demonstration			3-12-1-5(d)
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Demonstration			3-12-1-7.1
Demonstration			3-12-1-7.5(a)

Demonstration			3-12-1-7.5(b)
Demonstration			3-12-1-7.5(c)
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Demonstration			3-12-1-9(b)
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Verification			3-12-1-15
Verification			3-12-1-16
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Procedural			3-11.7-1-2(b)
Procedural			3-11.7-1-3
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Demonstration			3-11-13-31.7(d)&(e)
Demonstration			3-11-14-24.5(d)

Demonstration			3-11-15-13.3(d)
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Demonstration			3-11-10-26.2(c)(3)
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Verification			3-12-3-12.7
Verification			3-12-4-6.5
Verification			3-11-15-61
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Demonstration			3-11-3-11(a)(3)(B)
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Demonstration			3-11-13-29(c)(3)
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			3-12-1-1.2
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Demonstration			3-11-7.5-9

			3-11-7-4
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			3-11-15-13.1
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			3-11-13-4.5
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Demonstration			

Demonstration			3-11-15-16
Documentation			3-11-15-15
Documentation			3-11-15-17
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			3-11-7.5-12
Demonstration			
Procedural			3-11-7-3
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Demonstration			

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Demonstration			3-11-7.5-14
Demonstration			3-11-7.5-18
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Demonstration			3-11-7.5-15
Documentation			3-11-15-21
Documentation			3-11-15-22

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Documentation			3-11-15-44
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Short IC Description	All Systems	OpScan Ballot Card	OpScan BMD Unit
Meets General Ballot Layout Requirements for Primary Election			
Ballot cards are uniform size and paper quality		X	
Ballot labels are uniform size			X
Ballot cards contain precinct number or designation		X	
Ballot cards & ballot label distinctive between D and R parties		X	X
		X	X
		X	X
Can Produce A Democratic Ballot for Primary Election	X		
	X		
Can Produce a Republican Ballot for Primary Election	X		
	X		
Can Produce 17-year old Ballot for Primary Election	X		
	X		

	X		
Primary Ballot Title	X		
Political Party Name list on each primary ballot	X		
OpScan ballot instructions printed after ballot title		X	
		X	
DRE Ballot Label Instructions after ballot title			X
Local public questions listed after general primary ballot instructions	X		
	X		
	X		
Offices with candidates for nomination and political party office listed after public questions	X		
	X		
	X		
	X		
Ballot Card and Ballot Label groups candidates for the same office together	X		
	X		
Ballot Card and ballot label displays candidate names in uniform capital letters	X		

Ballot card has printed a universally recognized pronunciation symbol that is part of candidate's legal name		X	
Ballot label displays a universally recognized pronunciation symbol that is part of candidate's legal name			X
Ballot Card and ballot label displays candidate names with uniform space between each name	X		
Ballot Card and Ballot Label displays instructions on how many candidates can be selected for the office	X		
Candidate list on ballot and indicated by reference to a number on OpScan Ballot Card			
Candidates for each office listed alphabetically by surname	X		
Ability to rotate primary candidate name of an office alphabetically by precinct in regular serial sequence so that each group of candidate for an office appears an equal amount of times, as nearly as practical at the top, bottom, and in each intermediate place under the title of the office			
Can Produce a Non-Partisan Only Ballot for Primary Election	X		
	X		
Absentee Ballot Requirements			
Absentee ballot is printed on security paper that incorporates features which can be used to authenticate the ballot as an official ballot but which do not make the ballot identifiable to a particular voter.		X	
Ballot card has a line (or box) for CEB or ABS Board initials		X	

Ballot card has a line (or box) for CLEB or ABS Board initials		X	
Ballot card has clerk's seal (and signature) affixed		x	
		x	
Optical ballot card tabulator can scan absentee ballot but not tabulate ballot before election day		X	
Optical ballot card voting system can retract a previously scanned absentee ballot that is rejected for counting under law		X	
The ballot retraction feature can assigned a unique identification number assigned to an absentee ballot that does not include the following information about the voter who cast the absentee ballot: (1) Name; (2) Residence or mailing address; (3) Telephone number; (4) Social Security number; (5) Date of birth; (6) Date the voter registered; (7) Indiana driver's license or state identification number assigned by the BMV		X	
DRE voting system can retract an absentee ballot that was completed on the voting system and that is rejected for counting under law			
The ballot retraction feature can assigned a unique identification number assigned to an absentee ballot that does not include the following information about the voter who cast the absentee ballot: (1) Name; (2) Residence or mailing address; (3) Telephone number; (4) Social Security number; (5) Date of birth; (6) Date the voter registered; (7) Indiana driver's license or state identification number assigned by the BMV			
General Ballot Layout Requirements for General Election			
Ballot Label on BMD information and instruction requirements			X
OpScan ballot card used with BMD printing requirements			
OpScan ballot card used with BMD does not need to be same size as OpScan ballots			
Ballot cards are of uniform size		X	
Precinct designation printed on ballot card		X	

Print cautionary statement, general ballot instructions, write-in candidate voting instructions, and independent candidate voting instructions		X	
Print public questions in proper layout		X	
No quotations around public question		X	
Print straight ticket section and instructions		X	
Ballot card does not print political party in straight ticket section when party has no candidates on ballot that straight party ticket would apply		X	
Name and device of political party or independent ticket in straight ticket section is uniform size and type		X	
Political parties in straight ticket section listed in order set by IC 3-11-13-11(g)		X	
Ballot Card that does not list candidates or public questions on face of ballot must have a corresponding circle number or oval to cast vote			
All offices and public questions placed in order		X	
The name of each office is printed in uniform size and in bold type		X	
Statement of how many candidate by be voted for each office printed between name of office and name of first candidate		X	
Print instructions on how many candidates can be selected for the office between office title and name of first candidate		X	
Print instructions on how many candidate can be selected for at-large school board office between office title and name of first candidate		X	
Candidate for each office listed by political party order		X	
Candidates for each office listed on the ballot with party name and device that can be read by a voter		X	
Write-in Candidate listed		X	
		X	

		X	
All candidate names, offices, and public questions printed on ballot		X	
Ballot has printed a universally recognized pronunciation symbol that is part of candidate's legal name		X	
Candidate's name printed in type with uniform capital letters		X	
Candidate's name printed with uniform spacing		X	
Candidate's political party name or "Independent" listed next to candidate's name		X	
Candidate's for at-large office group together by party and then alphabetically by surname		X	
Candidate's for at-large office for school board are printed alphabetically by surname		X	
School board candidate's political party name, or "Independent," or nothing listed next the candidate's name		X	
Office title and how many candidates can be selected may be printed above or next to each candidate name for the office			
If candidates for an office carry over to another page of the ballot an arrow or number is printed to indicate there are more candidates on the other ballot page		X	
Ballot card has a line (or box) for clerk initials		X	
		X	
		X	
		X	

		X	
VVPAT prints name or code of election proved by DRE systems.			
VVPAT prints date of election			
VVPAT printed date VVPAT receipt was printed			
VVPAT printes security code and record number specific to each paper receipt assigned to the DRE system			
VVPAT prints name or designation of voter's precinct			
VVPAT prints name or designation of each office on the voter's ballot			
VVPAT prints name of candidate and the designation of the candidate's political party selected by the voter			
VVPAT prints name of political party selected as voter's straight ticket vote			
VVPAT prints a descption of the tye text of any public question or judicial retention question on the voter's ballot that contains not more than 30 characters and that a county election board can set			
VVPAT has ability to provide other information that can be set by county election board			
Text on ballot label appears in black text on clear white material			
Text on ballot label appears in a size that fits on the ballot label screen			
Text on ballot label appears in plain and clear type as space reasonably permit			
Ballot label has ballot variation code to enusre proper version of ballot label is used in a precinct			
Ballot label is of uniform size			

Display cautionary statement at top of ballot label			
General instructions for completing ballot, notice of voting for independent ticket for Pres/VP and Gov/Lt.Gov, and how to vote for a write-in candidate displayed on ballot label			
Displays public questions in proper layout			
No quotations around public question			
Ballot label contains straight ticket party section with political parties and independent tickets			
Name and device of political party or independent ticket in straight ticket section is uniform size and type			
Political parties in straight ticket section listed in order set by IC 3-11-13-11(g)			
Instructions for voting a straight party ticket and statement concerning presidential electors required by IC 3-10-4-3 display on ballot label			
Ballot label does not display political party in straight ticket section when party has no candidates on ballot that straight party ticket would apply			
Candidates for each office listed on the ballot with party name and device that can be read by a voter			
All offices and public questions placed in order			
Each office and public question listed on separate screen or listed in continuous vertical or horizontal columns			
The name of each office is displayed in uniform size and in bold type			
Display instructions on how many candidates can be selected for the office between office title and name of first candidate			
Displays instructions on how many candidate can be selected for at-large school board office between office title and name of first candidate			
School board candidate's political party name, or "Independent," or nothing listed next the candidate's name			

All candidate names, offices, and public questions printed on ballot			
Ballot label displays a universally recordnated pronunciation symbol that is part of candidate's legal name			
Statement of how many candidate by be voted for each office displayed between name of office and name of first candidate			
Candidate for each office listed by political party order			
Write-in Candidate listed			
Candidate's name displayed in type with uniform capital letters			
Candidate's name displayed with uniform spacing			
Candidate's political party name or "Independent" listed next to or below candidate's name in uniform size and type			
Candidate's for at-large office group together by party and then alphabetically by surname			
Candidate's for at-large office for school board are displayed alphabetically by surname			
School board office candidates' names arranged in alphabetical order by surname			
Can Produce Non-Pubic Question Ballot for General Election	X		
	X		
	X		
Meets Tabulation Requirements for Primary and General Election			

OpScan Ballot Card tabulator used in primary counts votes for candidates of only one political party		X	
OpScan Ballot Card tabulator used in primary rejects all votes for an office when voters overvotes for the office		X	
OpScan Ballot Card tabulator used in primary rejects all votes casts for candidate of more than one political party		X	
Ballot tabulating device able to determine voter intent when intent is clear	X		
Ballot tabulator able to determine that vote attempt write-in a candidate when write-in line is written in	X		
Ballot tabulator able to detect distinguishing mark other than voting mark or mutilation made to ballot		X	
Ballot tabulator able to detect other paper that is not the ballot card that is attached to the ballot card		X	
Ballot tabulator able to detect erasure made by voter		X	
Ballot tabulator able to detect voting mark made on or in a circle, oval, square, or connectable arrow next to each candidate and public question option		X	
Ballot tabulator tabulates voting mark made by touch sensitive point or button below or beside a candidate's or political party's name, and each public question option			X
			X
Ballot tabulator does not apply straight ticket party vote to at-large, multi-member office for county council, city common council, town council, or township board	X		
	X		
Ballot tabulator tabulates ballot according to straight ticket voting standards	X		
	X		
Straight party ticket vote is not applied to school board office candidates affiliated with the political party who has a straight ticket option on the ballot	X		
Ballot tabulator does not tabulate vote for single member office where one candidate is voted for and a write-in vote is made	X		

Ballot tabulator only tabulates votes, including write-in votes, for at-large multi-member office if no overvote occurs	X		
Ballot tabulator only counts one vote for candidate when candidate is voted for either specifically or by straight ticket vote and also as a write-in candidate	X		
Ballot tabulator reads voting mark that touches a voting circle, oval, square and counts it as a vote	X		
Ballot tabulator does reads voting mark that does not touch a voting circule, oval, or squat and does not count is as a vote	X		
Tabulation standards apply to primary election ballot in a voting square that is to the left of the name of a candidate	X		
Votes cast for candidate who ceases to be a candidate are not counted for successor candidate that filled ballot vacancy	X		
Straight party ticket vote for a ticket that contains a candidate that ceases to be a candidate counts for the successor candidate that filled the ballot vacancy	X		
Ballot tabulator counts vote made for "No Candidate" or "Candidate Deceased" applies votes to successor candidate that filled a ballot vacancy for the office where the term appears	X		
Provisional Ballot Requirement			
Provisional ballot must be in the same form as an absentee ballot produced by voting system		X	
Provisional ballot must be state in the title of the ballot		X	
Provisional ballot layout must follow IC 3-11-2		X	
Provisional ballot can be signed by circuit court clerk and contat circuit court clerk's seal		X	
Accessibility			
Optical Scan BMD allows voter to use headphones to hear ballot layout and make votes in a private and independent manner			X
DRE system allow a voter with disabilities to review VVPAT receipt and make corrections to errors on their ballot as many times as necessary to fix all errors			

Voting system is accessible for individuals with disabilities, including nonvisual accessibility for the blind and visually impaired, in a manner that provides the same opportunity for access and participation (including privacy and independence) as for other voters.	X		
Voting system meets accessibility standards under IC 3-11-15-13.3 and 52 USC sec, 21081(a)(3)	X		
Miscellaneous Matters			
Unique Identifier to Retract Absentee Choices for DRE Systems Only			
BMD printed ballot cards meet minimum requirements of statute			X
Reports from voting system unit (zero & totals tapes) are printed by precinct		X	X
Security seal can be applied to voting system unit	X		
USB provided to move election results from ballot card voting system software to SVRS or other outside network contains malware protection		X	X
USB provided to move election results from DRE tabulation software to SVRS or other outside network contains malware protection			
voting system cannot be connected to internet (if connectivity present, is it disabled)	X		
Voting system may permit electronic adjudication		X	X
Voting system software able to create emergency ballots for DRE systems			
Meets battery back-up requirement (as noted on IEC-11)	X		
	X		

Error message displayed if voter overvotes		X	X
General Requirements (The remaining list from the initial Phase II)			
(a) This chapter is enacted to comply with 52 U.S.C. 21081 by establishing uniform and nondiscriminatory standards to define what will be counted as a vote on a paper ballot, optical scan voting system, or electronic voting system. (b) The standards in this chapter apply to counting votes on every voting system, except where specific standards applicable only: (1) to a type of voting system are provided under IC 3-12-2, IC 3-12-3, or IC 3-12-3.5; and (2) in a recount or contest proceeding are provided under IC 3-12-6, IC 3-12-8, IC 3-12-11, or IC 3-12-12.	X		
An electronic voting system must provide facilities that will permit votes to be cast for any candidate at any election and for or against any public question.			X

Sec. 4. (a) Except as provided in subsection (b), a ballot card voting system must permit a voter to vote: (1) except at a primary election, a straight party ticket for all of the candidates of one (1) political party by a single voting mark on each ballot card; (2) for one (1) or more candidates of each political party or independent candidates, or for one (1) or more school board candidates nominated by petition; (3) a split ticket for the candidates of different political parties and for independent candidates; or (4) a straight party ticket and then split that ticket by casting individual votes for candidates of another political party or independent candidate. (b) A ballot card voting system must require that a voter who wishes to cast a ballot for a candidate for election to an at-large district to which more than one person may be elected, on a: (1) county council; (2) city common council; (3) town council; or (4) township board; make a voting mark for each individual candidate for whom the voter wishes to cast a vote. The ballot card voting system may not count any straight party ticket voting mark as a vote for any candidate for an office described by this subsection. (c) A ballot card voting system must permit a voter to vote: (1) for all candidates for presidential electors and alternate presidential electors of a political party or an independent ticket by making a single voting mark; and (2) for or against a public question on which the voter may vote.		X	
(a) If a voting system has the capability, the voting system must display on the medium used by the voter to cast the voter's ballot the name of each candidate. (b) A county election board (or a board of elections and registration established under IC 3-6-5.2 or IC 3-6-5.4) may require a voting system to display on the medium used by the voter to cast the voter's ballot a ballot number or other candidate designation uniquely associated with the candidate.	X		
As required by 52 U.S.C. 21081, an election board must establish a voter education program to notify a voter of the effect of casting multiple ballots for a single office on an optical scan ballot card tabulated at a central location.		X	
In ballot card voting systems, each precinct ballot counting device, and all central counting equipment, must contain provisions for verifying: (1) its proper preparation for an election; and (2) that both the hardware and the software are functioning correctly.		X	

Each electronic voting system or vote recording and data processing device shall contain hardware and software provisions for verifying: (1) its proper preparation for an election; and (2) that both the hardware and the software are functioning correctly.			X
The tests and diagnostic procedures described in section 14 of this chapter: (1) may be executed manually or automatically; and (2) must allow for operator intervention to validate the proper execution of individually selected equipment functions.	X		
The tests and diagnostic procedures described in section 16 of this chapter: (1) may be carried out manually or automatically; and (2) must allow for operator intervention to validate the proper execution of individually selected equipment functions.	X		
A voting system must include capabilities of recording and reporting the date and time of normal and abnormal events and of maintaining a permanent record of audit information that cannot be turned off. A voting system must include provisions to detect and record significant events, such as casting a ballot, error conditions that cannot be disposed of by the system itself, or time-dependent or programmed events that occur without the intervention of the voter or a polling place operator.	X		
An electronic voting system must correctly register and accurately count all votes cast for each candidate and for or against each public question.			X

Sec. 20. (a) A voting system must be able to record accurately each vote and be able to produce an accurate report of all votes cast. (b) As used in this subsection, "error rate" refers to the error rate of the voting system in counting ballots (determined by taking into account only those errors that are attributable to the voting system and not attributable to an act of the voter). As required by 52 U.S.C. 21081, a voting system must comply with the error rate standards established under section 4.1.1 of the Voluntary Voting System Guidelines adopted by the United States Election Assistance Commission, as amended on March 31, 2015. (c) The inclusion of control logic and data processing methods incorporating parity and check-sums (or equivalent error detection and correction methods) must demonstrate that the system has been designed for accuracy.	X		
A ballot card voting system must permit the counting of write-in votes in accordance with IC 3-12-1-7 and IC 3-12-1-7.5.		X	
An electronic voting system must be adjustable for use in a primary election so that a voter may not vote for a candidate except those seeking nomination as candidates of the voter's political party.			X
A ballot card voting system must enable a voter to cast a vote in secrecy for all offices and public questions for which the voter is entitled to vote.		X	
IC 3-11-7.5-10: (a) An electronic voting system must permit a voter to vote: (1) except at a primary election, a straight party ticket for all the candidates of one (1) political party by touching the device of that party; (2) for one (1) or more candidates of each political party or independent candidates, or for one (1) or more school board candidates nominated by petition; (3) a split ticket for the candidates of different political parties and for independent candidates; or (4) a straight party ticket and then split that ticket by casting individual votes for candidates of another political party or independent candidates. (b) An electronic voting system must permit a voter to vote: (1) for as many candidates for an office as the voter may vote for, but no more; (2) for or against a public question on which the voter may vote, but no other; and (3) for all the candidates for presidential electors of a political party or an independent ticket by making a single voting mark.			X

A ballot card voting system must enable a voter to cast a vote in secrecy for all offices and public questions for which the voter is entitled to vote.		X	
An electronic voting system must be designed so that it can be determined whether the system has been operated after once being secured against additional voting.			X
Each electronic voting system must bear a number that will distinguish it from any other system.			X
An electronic voting system must have a counting device that records the number of votes cast for each candidate and for or against each public question on the ballot that cannot be tampered with or altered at any time while votes are being cast on the system. When the computer memory pack that permits votes to be recorded on the counting device is removed, the system must be designed so that it can no longer be placed into operation.			X
An electronic voting system must have a device or method that prevents the operation of the system before the time for opening the polls and after the time for closing the polls.			X
Sec. 13.3. (a) To be approved by the commission for use in Indiana, a voting system must meet one (1) of the following: (1) The Voting System Standards adopted by the Federal Election Commission on April 30, 2002. (2) The Voluntary Voting System Guidelines adopted by the United States Election Assistance Commission on December 13, 2005.	X		
An electronic voting system must be able to indicate during an election how many voters have voted by use of a counting device.			X
Software used in a voting system must monitor the overall quality of data read-write and transfer quality status, checking the number and types of errors that occur in any of the relevant operations on data and how they were corrected.	X		
Ballot card voting systems must rely on the retention of ballots as a redundant means of verifying or auditing election results. As a means of assuring accuracy in electronic voting systems, the unit must incorporate multiple memories in the machine itself and in its programmable memory devices.		X	

To attain a measure of integrity over the process, the electronic voting systems must also maintain an image of each ballot that is cast, such that records of individual ballots are maintained by a subsystem independent and distinct from the main vote detection, interpretation, processing, and reporting path. The electronic images of each ballot must protect the integrity of the data and the anonymity of each voter, for example, by means of storage location scrambling. The ballot image records may be either machine-readable or manually transcribed, or both, at the discretion of the vendor.			X
Ballot card voting systems must rely on the retention of ballots as a redundant means of verifying election results. As a means of assuring accuracy in electronic voting systems, the unit must incorporate multiple memories in the machine itself and in the unit's programmable memory devices. To attain a measure of integrity over the process, an electronic voting system must also maintain images of each ballot that is cast so that records of individual ballots are maintained by a subsystem independent and distinct from the main vote detection, diagnostic, processing, and reporting path.		X	
The stored images of each ballot must protect the integrity of the data and the anonymity of each voter by such means as storage location scrambling. The ballot image records may be either machine readable or manually transcribed, or both, at the discretion of the vendor.	X		
Voting system; status and degree of operability Sec. 24. Ballot card voting and electronic voting systems must include built-in test, measurement, and diagnostic software, and hardware for detecting and reporting the system's status and degree of operability. As added by P.L.3-1997, SEC.332	X		
The ballot counting software must be designed in a modular fashion and not be self-modifying. Modular programs must consist of code written in relatively small and easily identifiable sections, with each unit having a single entry point and a single exit point. Each module must have a specific function that can be tested and verified more or less independently of the remainder of the code.	X		

Real-time monitoring of system status and data quality Sec. 33. The vendor shall provide for the real-time monitoring of system status and data quality. The election division (or the competent person designated by the commission to act on behalf of the election division) shall determine methods of assessment with the advice of a test authority. Implementation options include the following: (1) Hardware monitoring of redundant processing functions which are carried out in parallel or serially. (2) Statistical assessment and measures of system operation. As added by P.L.3-1997, SEC.332.	X		
Measurement of the relative frequency of entry to program units and the frequency of exception conditions must be included as part of the quality assessment.	X		
Software used in all systems must monitor the overall quality of data read-write and transfer quality status, checking the number and types of errors that occur in any of the relevant operations on data and how the errors were corrected. If the total number of corrected errors exceeds a predetermined threshold, or if errors on any one (1) type occur repeatedly, then the operation of the affected device must be suspended until the condition generating the errors has been corrected. Any uncorrectable error must result in an immediate halt and provide an appropriate message to the voter or polling place official.	X		
The electronic voting system firmware instructions must contain necessary logical instructions to determine correct recording of each and every candidate or public question selection made by the voter to the appropriate memory registers and tables. In the case of a partially voted ballot, deliberate under voting by a voter must be permitted. This under voting must be validated by machine determination that particular candidate or public question selections have not been made. In cases where a selected candidate or vote on a public question is not recording correctly upon casting of the ballot, the electronic voting system equipment must generate an error signal and automatically stop operation of the machine until the problem is resolved.			X

After every ballot is cast, a reconciliation of the sum of selections and undervotes must occur. The undervotes may not be generated as a default but must be generated as the result of scanning the ballot as the ballot is cast.	X		
Status messages Sec. 41. Status messages must become part of the real-time audit record. Latitude in software design is necessary so that consideration can be given to various user processing and reporting needs. The user shall require status and information messages to be displayed and reported in real-time. As added by P.L.3-1997, SEC.332.	X		
Status messages; display Sec. 42. Depending on the critical nature of the message, and the particular jurisdiction's needs, status messages shall preferably be displayed and reported by suitable, unambiguous indicators or English language text. Noncritical status messages may be displayed if the message does not require operator intervention by means of numerical codes, for subsequent interpretation and reporting as ambiguous text. As added by P.L.3-1997, SEC.332.	X		
Audit record; ability of voter to change vote before ballot cast Sec. 43. (a) The audit record provisions in this chapter are essential to the complete recording of election operations and reporting of the vote tally. This list of audit records must reflect all of the idiosyncrasies of a system. (b) As required by 42 U.S.C. 21081, the voting system must: (1) produce a permanent paper record with a manual audit capacity for the system; and (2) provide the voter with an opportunity to change the ballot or correct any error before the permanent paper record is produced. (c) The paper record produced under subsection (b) must be made available as an official record for a recount or contest conducted with respect to any election in which the voting system was used. As added by P.L.3-1997, SEC.332. Amended by P.L.209-2003, SEC.168.	X		

documenting precinct and central count system operation during diagnostic routines and the casting and tallying of ballots. At a minimum, the in-process audit records for all systems must contain the following items, except as otherwise noted: (1) Machine generated error and exception messages to ensure that successful recovery has been accomplished. Examples include the following: (A) The source and disposition of system interrupts resulting in entry into exception handling routines. (B) All messages generated by exception handlers. (C) The identification code and number of occurrences for each hardware and software error or failure. (D) Notification of system log-in or access errors, file access errors, and physical violations of security as they occur, and a summary record of these events after processing. (E) For ballot card voting systems, an event log of any ballot-related exceptions, such as the following: (i) Quantity of ballots that are not processable. (ii) Quantity of ballots requiring special handling. (iii) In a central count environment, quantity identification number of aborted precincts. (F) Other exceptional events such as power failures, failure of critical hardware components, data transmission errors, or other types of operating anomalies. (2) Critical system status messages other than informational messages displayed by the system during the course of normal operations. These items include the following: (A) Diagnostic and status messages upon startup. (B) The "zero totals" check conducted before opening the polling place or counting a precinct centrally. (C) For ballot card voting systems, the initiation or termination of card reader and	X		
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[illegible]

		Applies only to a voting system initially certified for marketing and used in Indiana electiosn after January 1, 2022; Voting systems initially certified before January 1, 2022 may be tested for this standard but is not required to comply; Does not apply to name of candidate printed on a ballot card by a marking device; Does not apply to paper vote total printouts from automatic tabulating machine	
	X	Applies only to a voting system initially certified for marketing and used in Indiana electiosn after January 1, 2022; Voting systems initially certified before January 1, 2022 may be tested for this standard but is not required to comply; Does not apply to name of candidate printed on a ballot card by a marking device; Does not apply to paper vote total printouts from automatic tabulating machine	
		OpScan Ballot Card that does not list candidatenames on ballot card	
	X		
X			
X			

X			
X			
X			
X		Ballot retraction is an optional feature for optical scan ballot card voting systems	
X		Ballot retraction is an optional feature for optical scan ballot card voting systems	
X		Ballot retraction is an optional feature for optical scan ballot card voting systems	
	X	Ballot retraction is a requirement for all DRE electronic voting systems used during absentee voting	
	X	Ballot retraction is a requirement for all DRE electronic voting systems used during absentee voting	
X			
X			

[illegible]

		Applies only to a voting system initially certified for marketing and used in Indiana electiosn after January 1, 2022; Voting systems initially certified before January 1, 2022 may be tested for this standard but is not required to comply; Does not apply to name of candidate printed on a ballot card by a marking device; Does not apply to paper vote total printouts from automatic tabulating machine	
X		The party designation, "Indpendent" designation, or no designation will be determined by what the candidate provides on their petition of nomination	
		OpScan Ballot Card with multiple pages	
X			

[illegible]

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	X		
	X	The party designation, "Independent" designation, or no designation will be determined by what the candidate provides on their petition of nomination	

	X		
	X	Applies only to a voting system initially certified for marketing and used in Indiana elections after January 1, 2022; Voting systems initially certified before January 1, 2022 may be tested for this standard but is not required to comply; Does not apply to name of candidate printed on a ballot card by a marking device; Does not apply to paper vote total printouts from automatic tabulating machine	
	X		
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		Ballot type does not contain a public question under IC 6-1.1-20 (controlled project referendum); IC 20-46-1 (school tax levy referendum); IC 20-46-9 (school safety tax levy referendum) used by voters who moved out of school corporation less than 30 days before the general election	

X		*Applies to primary election only	
X		*Applies to primary election only	
X		*Applies to primary election only	
		*Applies to general election only	
X			
X			
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X			
	X		
	X		
		Applies to general election only; See Appendix E for scenarios	
		Applies to general election only; See Appendix D for scenarios	

		*Applies to general election only	
		*Applies to general election only	
		*Applies to primary election only	
		*Applies to general election only	
		*Does not apply to offices where straight ticket voting option does not apply; applies only to general election	
		Applies to general election only	
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		This section applies to IC codes that were included in the original Phase II Sheet, and that were not included in the Master sheet. The "Notes" column provides an explanation for the following IC codes to be included in the Master sheet. IED review and approval is needed.	
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[illegible]

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