State of Arizona
Senate
Fifty-fifth Legislature
Second Regular Session
2022

SB 1120

Introduced by
Senators Borrelli: Barto, Fann, Gowan, Gray, Kerr, Leach, Livingston, Mesnard, Petersen, Shope, Townsend; Representatives Biasiucci, Chaplik, Finchem

AN ACT

REPEALING SECTION 16-504, ARIZONA REVISED STATUTES; AMENDING TITLE 16, CHAPTER 4, ARTICLE 6, ARIZONA REVISED STATUTES, BY ADDING A NEW SECTION 16-504; RELATING TO THE CONDUCT OF ELECTIONS.

(TEXT OF BILL BEGINS ON NEXT PAGE)
Be it enacted by the Legislature of the State of Arizona:

Section 1.  Repeal

Section 16-504, Arizona Revised Statutes, is repealed.

Sec. 2.  Title 16, chapter 4, article 6, Arizona Revised Statutes, is amended by adding a new section 16-504, to read:

16-504.  Antifraud ballot paper; vendor certification; fraud countermeasures; applicability

A.  NOTWITHSTANDING ANY OTHER STATUTE, ANY VENDOR THAT PROVIDES FRAUD COUNTERMEASURES THAT ARE CONTAINED IN AND ON THE PAPER USED FOR BALLOTS SHALL BE ISO 27001 CERTIFIED, ISO 17025 CERTIFIED, ISO 45001 CERTIFIED, ISO 14001 CERTIFIED, ISO 14298 CERTIFIED OR ISO 9001:2015 CERTIFIED.  BALLOT FRAUD COUNTERMEASURES SHALL INCLUDE THE USE OF ALL OF THE FOLLOWING:

1.  UNIQUE, CONTROLLED-SUPPLY WATERMARKED CLEARING BANK SPECIFICATION 1 SECURITY PAPER.

2.  SECURE HOLOGRAPHIC FOIL THAT IS A MINIMUM OF TEN SQUARE MILLIMETERS AND A MAXIMUM OF TWENTY SQUARE MILLIMETERS WITH A PROPRIETARY ORIGINAL IMAGE IN VISIBLE AND MULTIPLE-COLOR INVISIBLE ULTRAVIOLET INK.  THE VISIBLE OVERPRINT MUST BE TRANSLUCENT SO THAT THE HOLOGRAM IMAGE STRIKES THROUGH THE PRINTED IMAGE WHEN VIEWED AT DIFFERENT ANGLES AND MUST BE CURED IN SUCH A WAY THAT ANY TAMPERING OF THE IMAGE CAUSES VISIBLE DAMAGE TO THE HOLOGRAM.  THE HOLOGRAPHIC FOIL DESIGN AND ORIGINATION ARTWORK MUST BE EXCLUSIVELY OWNED AND CONTROLLED BY THE SECURITY PRINTER.

3.  BRANDED OVERPRINT OF ANY HOLOGRAM THAT PERSONALIZES THE HOLOGRAM WITH CUSTOMER LOGO.

4.  CUSTOM COMPLEX SECURITY BACKGROUND DESIGNS WITH BANKNOTE-LEVEL SECURITY.

5.  SECURE VARIABLE DIGITAL INFILL.

6.  THERMOCHROMIC, TRI-THERMOCHROMIC, PHOTOCHROMIC OR OPTICALLY VARIABLE INKS.

7.  STEALTH NUMBERING IN ULTRAVIOLET, INFRARED OR TAGGANT INKS.

8.  TWO-COLOR RAINBOW PRINT INVISIBLE ULTRAVIOLET NUMISMATIC DESIGNS WITH FINE LINE SECURITY RELIEF DESIGN THAT FOLLOWS THE PRIMARY IMAGE'S DESIGN EXACTLY AND WITH A MINIMUM LINE WEIGHT OF 0.0424 MILLIMETERS.

9.  UNIQUE FORENSIC FRAUD DETECTION TECHNOLOGY THAT IS BUILT INTO SECURITY INKS.

10.  INVISIBLE ULTRAVIOLET MICROTEXT WITH AN ULTRAVIOLET IMAGE MINIMUM HEIGHT OF 0.3 MILLIMETERS AND MAXIMUM HEIGHT OF 0.5 MILLIMETERS.

11.  RASTER IMAGING PRINTED ON SEVENTY-FIVE PERCENT OF THE DOCUMENT FACE IN A MINIMUM TWO-COLOR INVISIBLE ULTRAVIOLET INK WITH A MINIMUM LINE WEIGHT OF 0.0242 MILLIMETERS AND A MAXIMUM LINE WEIGHT OF 0.084 MILLIMETERS.
12. THREE-COLOR INVISIBLE ULTRAVIOLET GUILLOCHE WITH AN ANTI-COPY FEATURE THAT IS A CUSTOM GEOMETRIC DESIGN SPECIFIC TO THE DOCUMENT AND WITH A HIGH LEVEL OF SECURE FINE LINE DETAIL CONSISTING OF MULTIPLE LINE WEIGHT WITH A MINIMUM LINE WEIGHT OF 0.242 MILLIMETERS.

13. VISIBLE COLORED OVERT INK WITH EMBEDDED COVERT, NEAR INFRARED MACHINE-READABLE TAGGANT THAT IS CAPABLE OF DETECTION THROUGH PROPRIETARY INFRARED WAVELENGTH LIGHT SOURCE EXCITATION AND RELATED INFRARED WAVELENGTH EMISSION CHARACTERISTICS THAT CONFIRM AUTHENTICITY THROUGH A COMPLEX TEMPORAL MEASUREMENT WHEN READ BY A HAND-HELD, RECHARGEABLE BATTERY OPERATED PROPRIETARY DETECTOR.

14. MOLECULAR LEVEL, FORENSIC-COVERT SECURITY FEATURE INCLUDED IN THE INFRARED TAGGED INK PRESCRIBED IN PARAGRAPH 13 OF THIS SUBSECTION. THIS PROPRIETARY MOLECULAR MARKER MUST BE AUTHENTICATED BY LABORATORY ANALYSIS USING GAS CHROMATOGRAPHY MASS SPECTROMETRY AND THE CONCENTRATION IN THE RELATED INK CANNOT BE MORE THAN ONE PART PER MILLION.

15. MICROPRINTING, A SECURITY RELIEF DESIGN TECHNIQUE THAT REQUIRES BANKNOTE GRAPHICS SOFTWARE. THE DESIGN MUST PROTECT INFILL AREAS FROM FRAUDULENT ALTERATIONS.

16. MULTICOLOR INVISIBLE PRIMARY FLUORESCENT ELEMENTS THAT ARE PRINTED IN REGISTER TO CREATE A RAINBOW EFFECT BACKGROUND. THE IMAGE MUST INCORPORATE MULTIPLE SECURITY GRAPHIC TECHNIQUES AND MUST BE GENERATED USING ANTICOUNTERFEIT DESIGN SOFTWARE THAT IS COMMERCIALLY AVAILABLE ONLY FOR APPROVED AND ACCREDITED PRINTERS.

17. SERIALIZE BLACK QR CODE IN WHICH THE SAME CODE IS PRINTED ON THE TOP LEFT CORNER AND BOTTOM RIGHT CORNER AND THAT CAN BE READ BY NATIVE QR FUNCTIONS OF IOS AND ANDROID SMARTPHONES THAT REDIRECT THE VOTER TO A WEB-BASED VOTER INFORMATION PAGE AND THAT TRACKS THE VOTER’S BALLOT AS IT IS PROCESSED.

18. PAPER THAT IS EIGHT AND ONE-HALF INCHES WIDE BY TWENTY-TWO INCHES LONG AND THAT WEIGHS EIGHTY GRAMS PER SQUARE METER.


B. THE LEGISLATURE SHALL APPROPRIATE SUFFICIENT MONIES TO THE STATE TREASURER TO PROVIDE COUNTIES WITH THE BALLOT PAPER PRESCRIBED BY THIS SECTION.

C. PAPER THAT MEETS THE REQUIREMENTS OF SUBSECTION A OF THIS SECTION SHALL BE USED IN ALL ELECTIONS FOR STATE OFFICES AND FEDERAL OFFICES.

D. THIS SECTION APPLIES TO THE REGULAR GENERAL ELECTION IN 2022 AND ALL ELECTIONS HELD IN 2024 AND LATER.
Sec. 3. **Appropriation; state treasurer; antifraud ballot paper; exemption**

A. The sum of $___________ is appropriated from the state general fund in fiscal year 2022-2023 to the state treasurer for the purchase of antifraud ballot paper to be used by counties as prescribed by section 16-504, Arizona Revised Statutes, as added by this act.

B. The appropriation made in subsection A of this section is exempt from the provisions of section 35-190, Arizona Revised Statutes, relating to lapsing of appropriations.