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04 Certification of Vital Record
Outline Text & State Name



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05 State/County/
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17 Sequential
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10 Sequential
Barcoding &
Numbering



Engraved
Micro-Print
Line

03

PRINTED IN THE USA

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INSIST ON WORKING WITH A NASPO & ISO 14298 CERTIFIED SECURITY PRINTER

NASPO is a non-profit member-supported organization that certifies that providers of security documents, labels, cards, packaging, materials and technology, operate under an agreed-upon set of operational standards and security protocols.

NASPO is an American National Standards Institute (ANSI) accredited "SDO" (Standards Development Organization). For additional information visit www.naspo.info or email your question to info@naspo.info.

When implemented, the ISO 14298 security printing management system:

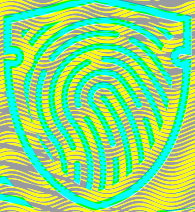
- a) achieves the security of products, processes, means of production, premises, information, raw material supplies;
- b) is used to continue to meet demonstrably the requirements, and naturally, the needs of customers;
- c) affords management the confidence that the targeted degree of security is actually achieved and remains effective;
- d) affords the customers the confidence that the agreed nature and degree of security is or will be attained.

VITAL RECORD SECURITY FEATURE DEFINITIONS

- 01 Engraved Intaglio Printing**
Fine line border printed via intaglio process as used in currency and other high security printing through the use of steel engraved plates. Intaglio printing has a recognizable raised, tactile property that cannot be replicated by any other printing method or electronically reproduced by photocopiers or scanners.
- 02 Engraved Intaglio Latent Images ("V" and "R")**
The letters "V" (Vital) and "R" (Record) are hidden in the corners of the document flat at the top border. These are part of the engraving and are viewed when laying the document flat at eye level in natural light.
- 03 Engraved "Vital Record" Micro-Print Line**
Also forming part of the engraving is a continuous, repeated micro-line of the legend VITAL RECORD along the interior of the bottom border. This micro-line is only legible under a magnifying glass and will appear as a straight blurred line when copied.
- 04 Engraved CERTIFICATION OF VITAL RECORD Outlined Text and State Name (optional)**
As an integral part of the engraved border this outline text enhances document recognition and authenticity.
- 05 Engraved State/County/Departmental Seals**
State Seals, County Seals and Departmental Seals can be included as an integral part of the engraved border. The raised feel of these seals assist in document recognition and authenticity. These are recommended in preference to embossed seals that are easily replicable.
- 06 "Void" Copy Background**
The hidden word "VOID" forms part of the anti-photocopy background. When color copied, the word "VOID" pops hereby deterring the forger from attempting to use copied documents as counterfeits.
- 07 Prismatic Print**
By dividing the press inking fountain by color, the printer can create a background of varying colors which merge gradually from one to another. Color copiers and scanners have difficulty resolving these subtle color migrations.
- 08 Screened State/County/Departmental Seal**
The State, County or Departmental name is imprinted as a screened image on the face of the document.
- 09 Erasure Sensitive Inks**
The erasable ink is sensitive to mechanical abrasion. Attempts to mechanically remove data will remove the printed ink also, thereby evidencing tampering of the document.
- 10 Sequential Control Numbering & Barcoding**
Each document is sequentially numbered or sequentially bar-coded for inventory/audit and issuing/tracking purposes.
- 11 Watermark Security Paper**
Paper with two tone Fourdrinier security watermark depicting images of eagles and the words "OFFICIAL VITAL RECORD" in repeated and continuous format running diagonally down the sheet left to right.
- 12 Security Fibers**
Security fibers are difficult to reproduce. The security fibers are embedded in the paper during the manufacturing process and fluoresce under ultraviolet light.
- 13 Optically Dead, Chemically Sensitive Security Paper**
Optically dead security paper permits the inclusion of ultraviolet (black light) reactive security features. In addition, the paper is sensitized to those families of chemical agents such as: oxidants (i.e. bleach), solvents (i.e. Acetone), alcohol (i.e. methanol), and acids/bases (i.e. sulfuric acid) which are commonly used by forgers to alter personalized information. Use of these agents will cause noticeable stains to appear the instant anyone attempts to alter the document.
- 14 Paper Treated With Laser Toner Retention**
Paper is surface treated to significantly enhance toner adhesion during laser printing. The heat from the laser printer activates a chemical reaction that fuses the toner to the paper. This feature protects documents against fraudulent alteration by frustrating attempts to remove or scrape the printed area.
- 15 Lenticular Foil**
Lenticular foil stamping is a specialized printing technique that combines the use of lenticular patterns with foil stamping to create visually stunning and dynamic micro-embossed effects.
- 16 Holographic & Rainbow Foil**
Holographic foil utilizes a holographic design to produce a three-dimensional and dynamic visual effect. The foil contains a micro-embossed pattern that diffracts light, resulting in a vivid and shimmering appearance. Rainbow foil, also known as iridescent foil, produces a shifting spectrum of colors when viewed from different angles. Both holographic and rainbow foils achieve their effects by utilizing a combination of metallic and transparent layers that reflect and refract light in different ways.
- 17 UV Invisible Sequential Numbering & Custom Print**
UV invisible printing is a technique used to print hidden or concealed information on a surface that is invisible under normal lighting conditions but becomes visible when exposed to ultraviolet (UV) light. UV invisible ink can be used to incorporate hidden security features, such as signatures, seals, or sequential numbering on vital records. These hidden elements are difficult to replicate, enhancing the security and making it easier to distinguish genuine documents from counterfeits.
- 18 Thermochromic Print**
Thermochromic printing is a unique printing technique that involves the use of specialized inks that change color in response to temperature fluctuations. It is a type of chromogenic printing, where the color change is triggered by a specific external stimulus, in this case, heat.



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