

# SECURERx

## CMS Requirements for Tamper-Resistant Prescriptions



Centers for Medicare and Medicaid Services (CMS) requires prescriptions to be tamper-resistant. To be compliant, a prescription must include one characteristic from each of the following 3 categories:

1. Features designed to prevent unauthorized copying of a completed or blank prescription form.
2. Features designed to prevent the erasure or modification of information written on the prescription pad by the prescriber.
3. One or more industry recognized features designed to prevent the use of counterfeit prescription forms.

**This reference document provides guidelines on SecureRx prescriptions meeting and exceeding CMS security requirements.**

# To be CMS compliant, prescriptions must include one feature from each of 3 categories:

## CATEGORY 1

### Features 1, 2, 4, 5

Features designed to prevent unauthorized copying of a completed or blank prescription form.

## CATEGORY 2

### Features 1, 2, 3, 6, 12, 13

Features designed to prevent the erasure or modification of information written on the prescription pad by the prescriber.

## CATEGORY 3

### Features 1, 7, 8, 9, 10, 11

One or more industry recognized features designed to prevent the use of counterfeit prescription forms.

### 1 Authentication Barcode & Portal

Serialized and secure barcode allowing pharmacists to access a digital prescription record to verify accuracy and authenticity, to confirm it has not already been filled, and for updating that prescription record as filled.

### 2 MicroPrinting (MP)

Fine print that is readable under 5X magnification usually displayed as a signature line or border. Copying at 600 DPI resolution distorts text becoming unreadable under magnification.\* Adding prescription information makes alteration more difficult.

### 3 Repeating Data Watermark (TROYMark)

A repeating watermark printed diagonally across the prescription. This watermark contains the information from protected fields (e.g. Drug Name, Amount). This makes alteration of these fields extremely difficult.

### 4 Copy-preventative Watermark

Watermark image or message that will fade or distort when photocopied at 600 DPI resolution\*

### 5 Security Back print

Diagonal Text or image watermark printed on the back of prescription. Presence of these watermarks deter photo copying attempts.

### 6 Uniform non-white background color (Security Background)

Background that consists of a consistent pattern that has been printed onto the paper. This will inhibit a forger from physically erasing printed information on a prescription.

### 7 Print Trace

Audit trail of prescription that can include job metadata such as user, printer, IP address, and timestamp traceable to audit logs.

### 8 Logos / State Seals

Company logo or state seal visible as a watermark.

### 9 Security features and descriptions listed on prescriptions (Warning Box)

Complete list of the security features on the prescription paper for compliance purposes. This is strongly recommended to aid pharmacists in identification of features implemented on prescription.

### 10 Serial Number

Non-sequential serial number issued by printer of the prescription, that allows external audit tracking.

### 11 Encoding Techniques (Barcodes)

Serial number is encoded in a barcode.

### 12 Security Message

Print "Rx is void if more than \_x\_ Rx on paper" Reduces the ability to add medications to the prescription.

### 13 Quantity and Refill Border and Fill

Quantities are surrounded by special characters such as an asterisk to prevent alteration, e.g. QTY \*\*50\*\* Value may also be expressed as text, e.g. (FIFTY).\*\*

\* 600 DPI is the industry standard for copy-preventative security features printed on pre-printed stock, thermal paper, and Rx pads

\*\* This feature is produced by the EMR output and does not come from SecureRx.

**Hygieia Health System**

123 Main St  
Nowhere NV 12345  
Phone: 555-555-1234

**Name:** Ima Sick **DOB:** 01/01/1900 **ID:** FAKE123  
456 1st St  
Nowhere NV 12345

**Rx:** Acetaminophen 10 MG tablet.

**Sig:** Take 1 tablet by mouth every 4 hours as needed

**Qty:** \*\*\* 30 (Thirty) tablet \*\*\* **Refill:** \*\*\* 0 (Zero) \*\*\*

**Start:** Jan 1, 1965

**Route:** Oral

Signature: **\*\*\*VOID - SAMPLE ONLY\*\*\***

Authorizing Provider: Dr. NotadoctorDEA: NOTR1234



**12 \*\*\*Rx is VOID if more than one Rx per page\*\*\***

**Warning - This Document contains the following Anti-Fraud Security Features.**

- \* MicroPrint: Area with very small print which must be read under magnification
- \* MicroPrint Border: Border with very small print which must be read under magnification
- \* Security Background - A light gray background with a repeating image should appear on an original document. Absence of this background indicates a copy.
- \* TROYmark™: Diagonal repeating "watermark" consisting of a custom message and/or dynamically captured variable document data
- \* Image Watermark: Secure image inserted into document as a visible watermark
- \* AuthPortal - Prescription is protected against copying and alteration by an online authentication portal. Scan QR code using any QR code scanner or visit <https://sampledocuments.troysecurx.com/auth>
- \* Warning Box: Warning Box describing the security features contained within this document
- \* Copy Protection - Rx should be clearly visible in box outlined in top right of document. Absence indicates a copy.



**2FPF-TAAV-GES5-PCLA**  
Scan QR code to verify Rx



Prescription issued on 5/21/2019 1:10:07 PM (UTC) by twilliams+securerxsamples@troygroup.com using Server1/Front Desk Printer

# SECURERx

TroyRx.com

**Mark Linton**

724.230.4506

mlinton@troyrx.com

