

# 为邮票安全保驾护航

## A Secure Pathway for Stamp Safety

中国邮政集团公司邮政业务部 赵爱国

Dept.of Postal Business China Post Group  
ZHAO AIGUO

**邮票安全事关集邮爱好者福祉，事关邮政企业平稳运营，事关“邮票是国家名片”声誉。**

**Stamp safety has great bearings on the welfare of philatelists, the smooth operation of postal operators and the reputation of stamp as “a country's name card”.**

邮资凭证  
Postage certificate



文化产品  
Cultural product



收藏艺术品  
Collection



出生—生产  
Manufacturing



使用  
Utilization



消失—销毁  
End-Destruction



# 目录CONTENTS

- 一**  
**First** **全流程监管确保发行生产安全**  
**Supervision of issuance and production safety throughout the process**
- 二**  
**Second** **做好中间介质和废品管控确保销毁安全**  
**Strengthen control of intermediate and waste products to ensure safe destruction**
- 三**  
**Third** **防伪和打假双管齐下确保使用安全**  
**Combine anti-forgery and anti - counterfeiting to ensure safe usage**

# 一、从选题论证角度确保选题规划没有瑕疵

## 1. Flaw - Free Guarantee from the Perspective of Topic Selection



一是选题论证必须以相关权威部门的意见和相关文件为依据

Firstly, topic selection should be based on opinions and documents from relevant authorities.

二是邮票元素必须以直接关联部门指导意见或提供的素材为依据

Secondly, elements for stamp referencing must be selected by guidance and source materials provided by relevant authorities.



## 二、从知识产权保护角度确保设计元素使用安全

### 2.Safe Usage of Design Elements from the Perspective of Intellectual Property Protection



邮票采用稿  
Authorized Draft

依据《中华人民共和国著作权法》，与邮票设计者  
或著作权人签订书面著作权合同

We sign written copyright contract with stamp  
designers or copyright holders in accordance  
with the Copyright law of People's Republic of  
China.

## 二、从知识产权保护角度确保设计元素使用安全

### 2.Safe Usage of Design Elements from the Perspective of Intellectual Property Protection



邮票创作原稿  
Original Draft

依据《中华人民共和国档案法》《合同法》等相关规定，制定了《纪特邮票手绘原稿管理办法》等

We have formulated the Regulation on the Management of Manual Draft for Commemorative and Special Stamps in accordance with the Archives Law and the Contract Law of the People's Republic of China.

### 三、从生产管理角度确保整个生产流程安全

#### 3.Ensurance of Manufacturing Process Safety from the Perspective of Production Management





# 数量安全是邮票生产安全的基础

Quantity safety is the basis of production safety

01

领纸数量

Paper usage quantity

02

印刷数量

Printing quantity

03

成品数量

Finished stamp quantity

04

废品数量

Waste product quantity

2007

引入数票机

Introducing stamp counting machine

2014

试运行，每年2至3套

Trial run with 2-3 sets per year

2016

全部以数票机计数

All stamps are tallied by stamp counting machines



# 质量安全是邮票生产的生命线

Quantity safety is the basis of production safety



**2013**

引入高速质量检查机  
Introducing high-speed quality  
inspection machine

**2019**

质量检查机极大提升了质量检查的速度，极大节省人工投入，是近些年中国邮政最重要的技术提升之一  
Quality inspection machine has significantly improved inspection efficiency and reduced human resources input, marking one of the most important technological upgrade of China Post Group

# 过程安全涵盖了邮票生产全部流程

Procedure safety covers the entire process of stamp production

01

全过程提升环保水平

Firstly, Improve environmental protection throughout the process

02

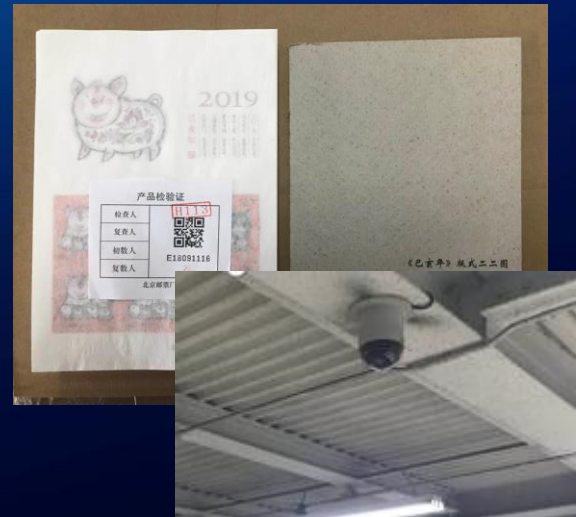
生产过程记录完整可追溯

Secondly, the entire manufacturing process is fully recorded and traceable

03

生产场地24小时不间断视频监控

Thirdly, 24-hour continuous video monitoring in manufacturing complex



# 确保邮票安全到达最终用户

Ensure safe arrival of stamps to end users

生产时限

Manufacturing  
Timeframe

01

加强设计与生产衔接，工艺环节前移；必要时启动预打样

Move forward technics design to strengthen Design and Production. Launch pre-proofing if necessary.

邮票储存

Storage

02

着手制定珍贵邮票封装标准规范

Setting up protocol for high-value stamp packaging

邮票运输

Transportation

03

升级包装方式，增加填充物

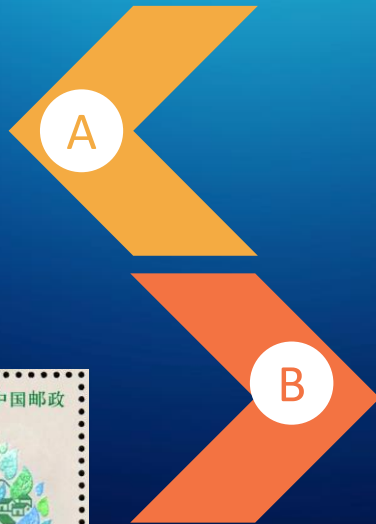
Upgrade packaging by adding more fillings

## 四、从工艺设置角度确保邮票的使用和长期保存

### 4. Stamp Usage and Maintenance Ensurance from the Perspective of Technology Set-up

提升邮票背胶的性能  
保证邮票品相

Improve the fuction of gum to ensure the stamp quality and condition.



工艺设置兼顾长期性能，创新工艺引进保持最谨慎的态度

Long-term functionality is taken into consideration when setting up technologies. we remain cautious when introducing innovative technologies

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# 废品管控范围 Range of waste products

印前

Pre-Printing

包括带有邮资图案的纸质和电子文件，以及非正式印样等

Printed and digital documents with postage as well as non-official samples are included in pre-printing process.

印中

Printing

包括印版类、印品类两部分

Printing process include printing plates and printed materials.

印后

Post-Printing

包括除成品外的所有废次品

Post-printing process includes all waste products.

# 销毁审核 Destruction Review

01

账面审核数字准确无误

Book audit shows accuracy of quantity

02

实物抽查账物必须相符

Physical chekcing must comply with book record



# 实施销毁Implementation

## ■ 2015年前 印制企业派专人到委托销毁单位全程监督

**Before 2015** Printing company send dedicated personnel to monitor the entire process waste stamps destruction, which is conducted by contractors.

## ■ 2015年后 研发邮票销毁机实现在企业内销毁全部废品

**After 2015** Newly invented stamp destruction machine could achieve automatic operation within the company.

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**最终用户体验**  
End User Experience

**企业利益和形象**

**Corporate Interests  
and Image**

**集邮业务健康发展**

**Healthy Development  
of Philatelic Business**

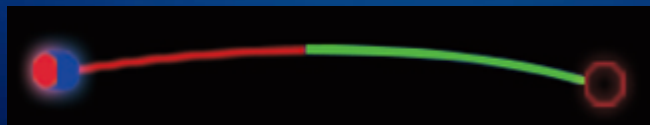
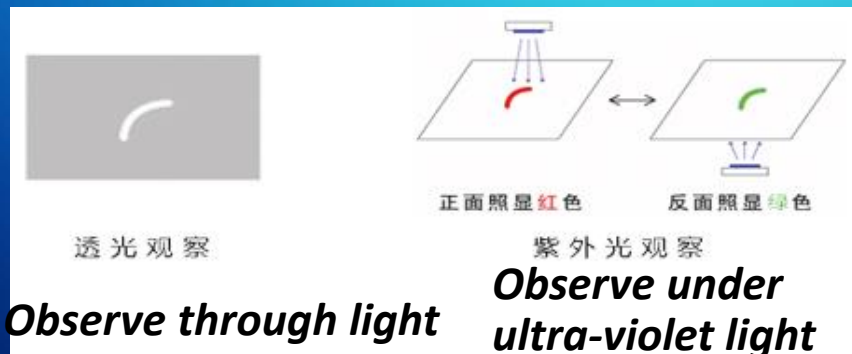
**安全合规使用**  
Safety and Compliance during Usage

# 一、三级防伪体系，增加伪造难度

## 1.Three-level safety system to Increase the Difficulty of Counterfeiting



# 一级感官识别：防伪纸张Anti-forgery Paper



2017年生肖鸡邮票，第一次采用了新一代防伪纤维纸

The zodiac rooster stamp, issued in 2017, marks the first application of new - generation anti - forgery fibre printing paper.

## 二级设备识别：防伪油墨Anti-forgery Ink



碳黑加密防伪黑油墨  
Encrypted anti - forgery  
carbon black ink



荧光加密防伪油墨  
Encrypted fluorescent ink

## 三级检验防伪：制版防伪工艺Anti-forgery Printing Process



高精度网线

High Precision Screen



胶印混合网

Mixed Offset Screen



凹印隐藏图案

Hidden Intaglio Patterns

## 二、开展大数据、信息化打假，有效维护用邮安全



利用大数据寻找重点线索，探索打假突破口

Search for key clues through big data to find breakthroughs in anti-counterfeiting efforts.



开展“互联网+邮票打假”试点工作

Launch the "Internet + stamp anti-counterfeiting" pilot program.



建立邮票数字化鉴别系统

Develop the Stamp Digital Identification System.



# 利用大数据寻找重点线索，探索打假突破口

Search for key clues through big data to find breakthroughs in anti-counterfeiting efforts

## ◆ 通过管理系统排查用假线索

Search for trails of fake stamp usage through the management system.

## ◆ 关注线上平台关停售假店铺

Follow up on online platforms to shut down the shops selling fake stamps.



# 开展“互联网+邮票打假”试点工作

## Launch the "Internet + stamp anti-counterfeiting" pilot program

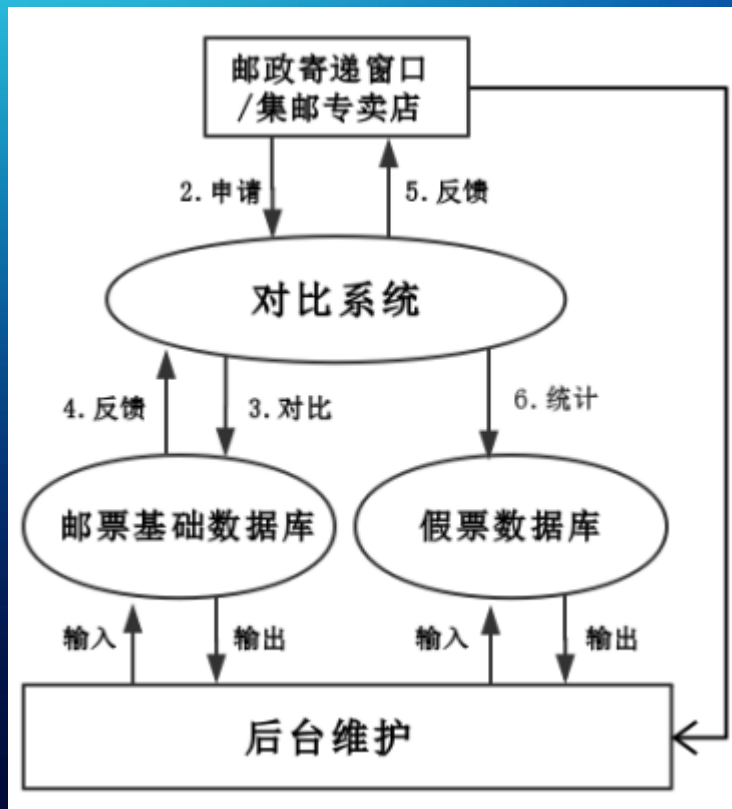
- ◆ **邮票鉴定微信互动群**  
WeChat interactive group for stamp identification.
- ◆ **专家在线服务网点鉴别**  
Online experts for stamp identification at postal outlets.



# 建立邮票数字化鉴别系统

## Develop the Stamp Digital Identification System

- ◆ 基于移动互联网  
Based on mobile internet.



# 建立邮票数字化鉴别系统

## Develop the Stamp Digital Identification System

- ◆ 系统自动鉴别真假  
Automatic system identification.



- ◆ 系统自动发布假票信息  
Automatic alert of counterfeit stamp.



**Thank You for Listening**