

Introduction on Supervision and Quarantine of Import Waste as Raw Materials in China

**Regional Workshop on Prevention of Illegal Transboundary
Movement for Hazardous Waste in Asia**

March 28, 2007

**Supervision Department of State Bureau of Quality and
Technical Supervision and Quarantine**

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I. Background

- Increasing resource consumption
- Import of waste as raw materials has eased the tension of resources
- Waste as raw materials has hidden environmental problems

II. Laws, Regulations and Standards

- (I) Relevant laws, regulations and standard documents**
- (II) Applicable national standards and inspection specifications**
- (III) Relevant catalogue**
- (IV) Supervision & quarantine regulation system**

(II) Applicable National Standards & Inspection Specifications

□ National standards (13)

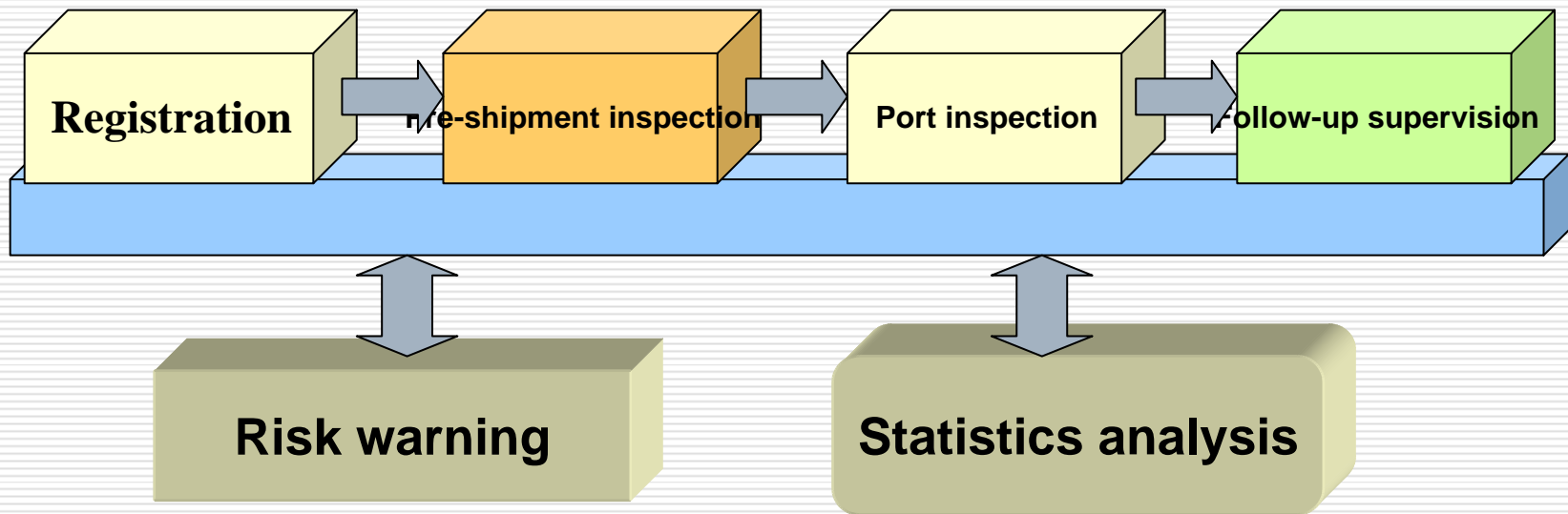
Standard on environmental protection control of import solid waste as raw materials (GB 16487.1-13 2005)

□ Industrial standards for the supervision of import & export goods (14)

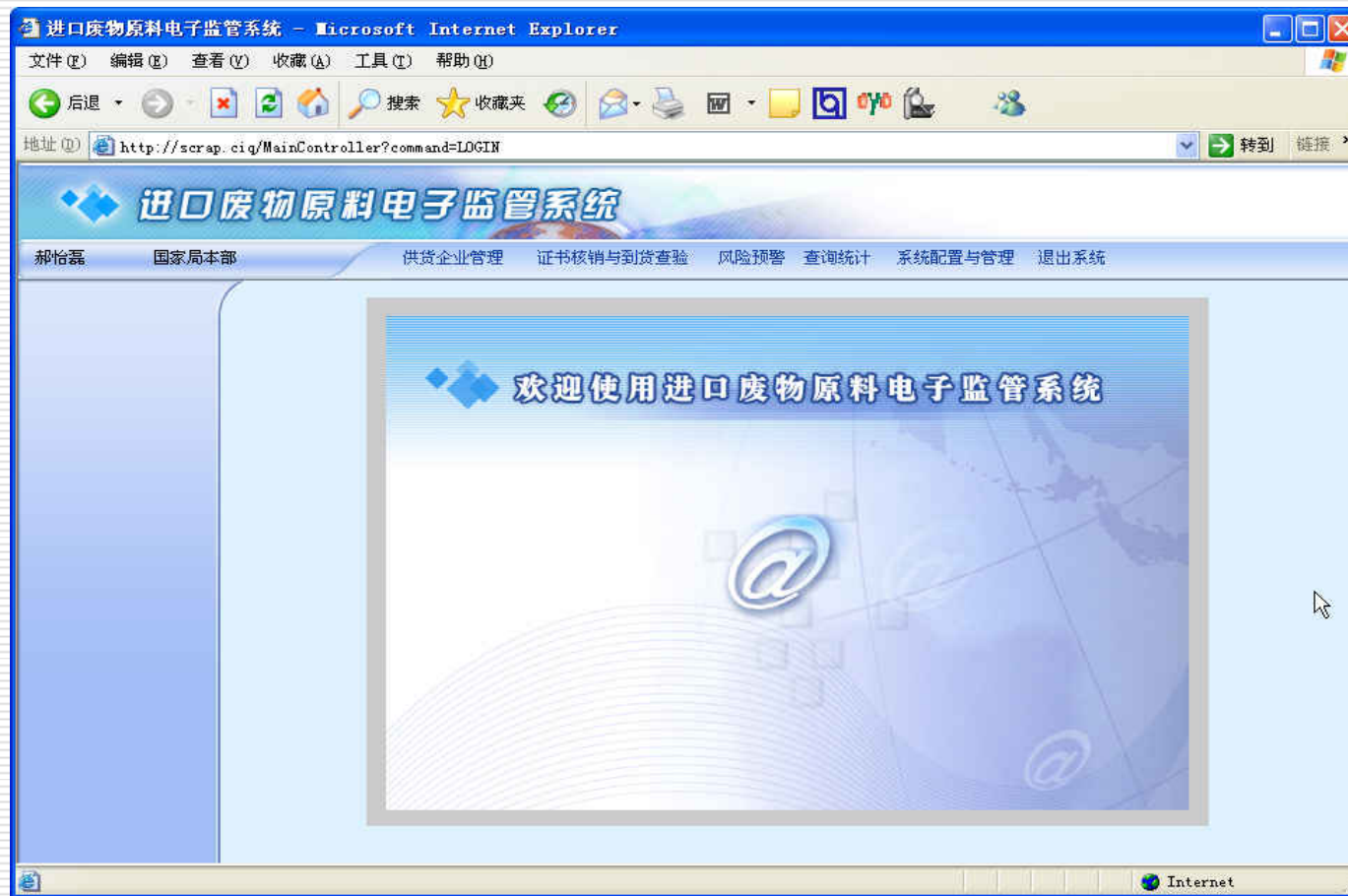
Specifications on supervision and quarantine of import waste as raw materials (SN 1791.1-13 2006)

Specifications on supervision and quarantine of radioactivity of import waste as raw materials

(IV) Supervision & Quarantine Regulation System



(IV) Supervision System: Electronic supervision system

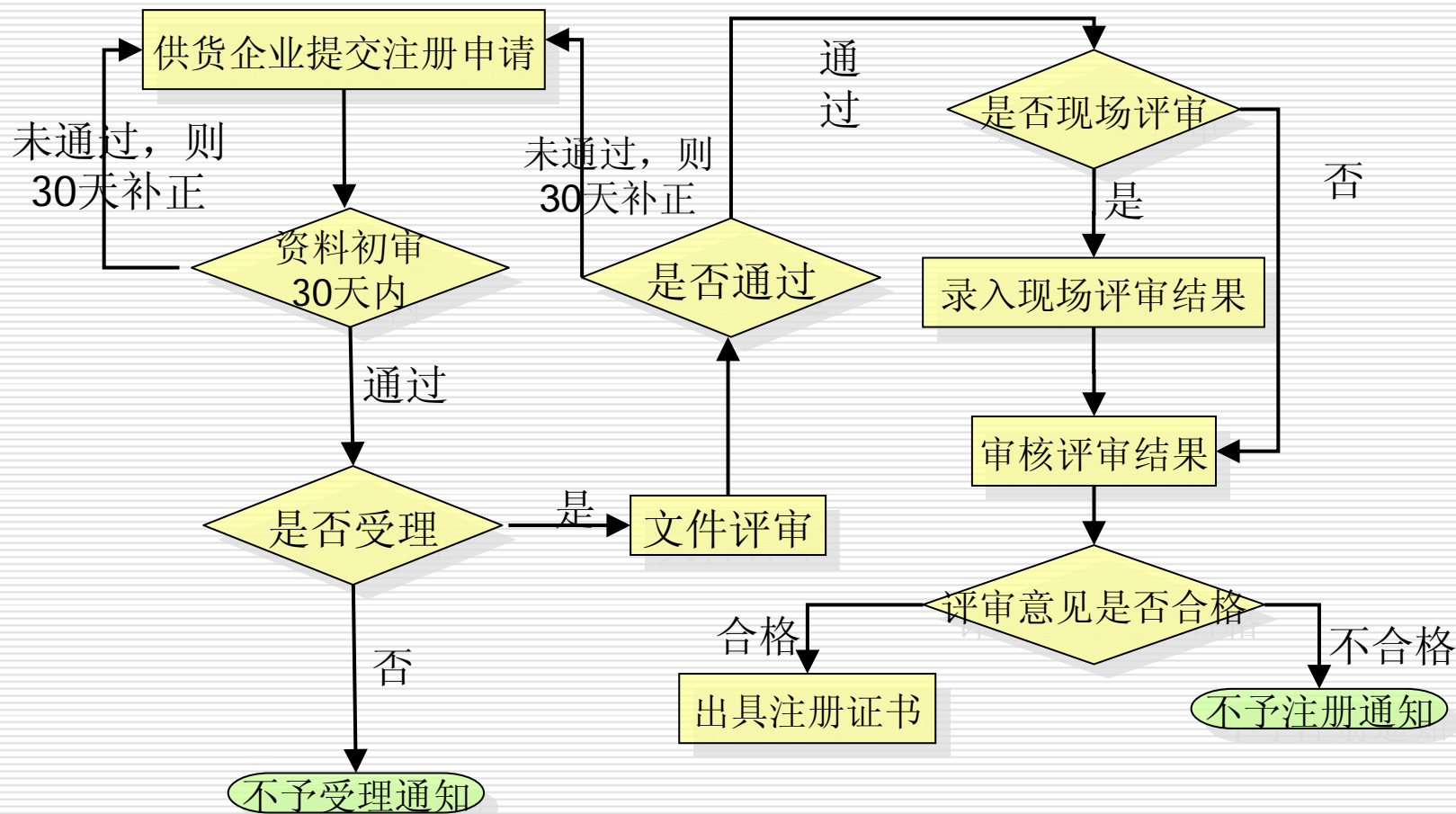


III. Registration of overseas suppliers

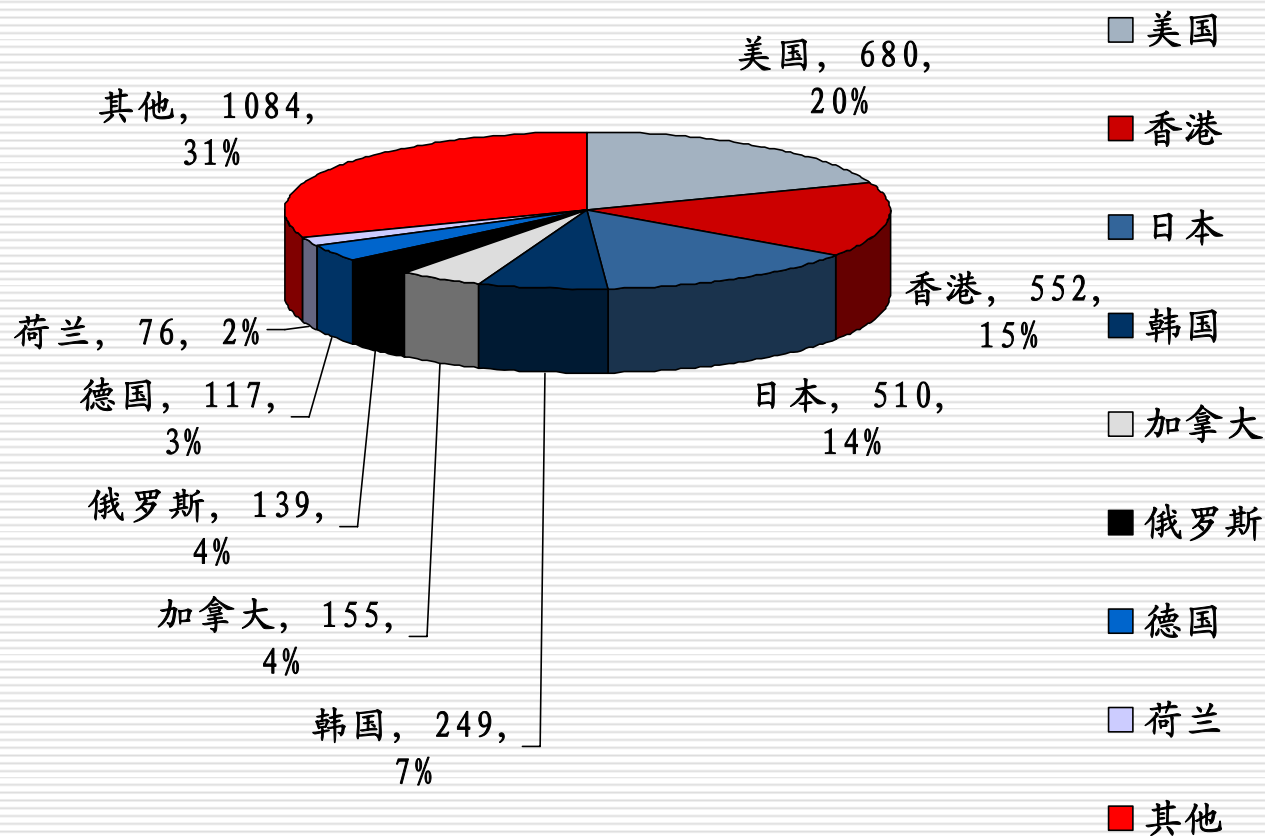
- ❑ (I) Legal basis
- ❑ (II) General provisions
- ❑ (III) Application conditions
- ❑ (IV) Application document
- ❑ (V) Flowchart
- ❑ (VI) Implementation
- ❑ (VII) Outcome



(V) Flowchart



(VI) Implementation



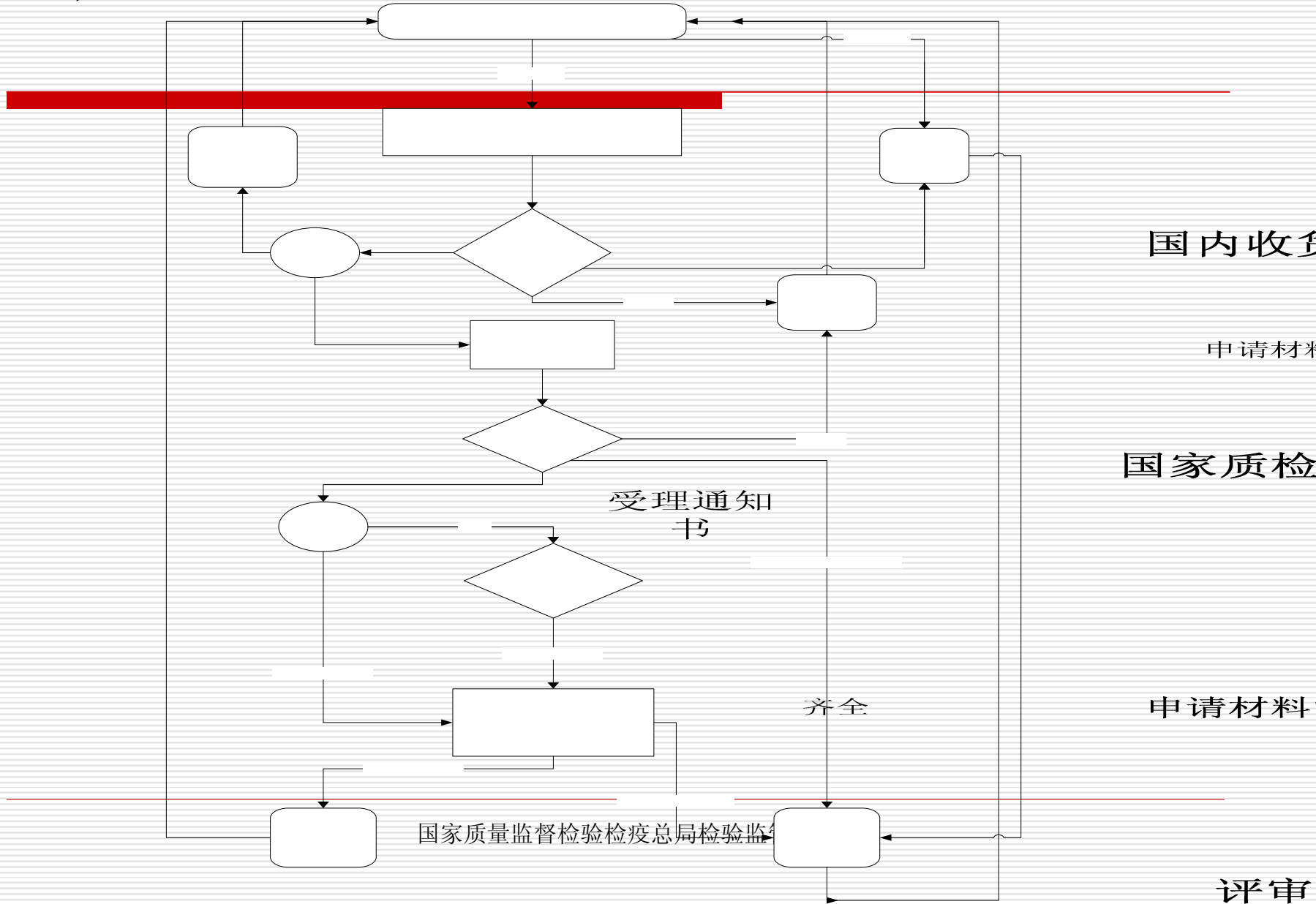
(VII) Outcome

- Publicize active attitude and policy to each country of the Chinese government on environmental protection, as well as laws, regulations and relevant standards of China on environmental control of import waste as raw materials**
- Promote the development of quality-control system of global recycling industry which is conducive to raising quality control level of the whole industry**
- Improve the traceability of the source of waste as raw materials, which is conducive to minimize safety, health and environmental risks of import waste as raw materials at the source.**
- Lower the risk of returning the cargo, which is conducive to the reduction of operation cost of trading company**
- Provide a sound foundation for scientific supervision in the future**

IV. Registration of Domestic Consignee

- (I) Legal basis
- (II) Aim
- (III) Principle
- (IV) General provisions
- (V) Basic conditions and documents
- (VI) Review procedures
- (VII) Alteration of registration
- (VIII) Supervision and management
- (IX) Punishment
- (X) Implementation

(VI) Review Procedures



(X) Implementation

- The handling of registration application of domestic consignees began on April 1, 2007.**
- From Sept.1, 2007, port supervision & quarantine institutions will not handle the application for supervision of the import waste from consignees without registration**
- E-application will be realized for the registration of domestic consignees in 2008.**

V. Pre-shipment Supervision

- 1. Necessity for pre-shipment supervision
- 2. Pre-shipment supervision institutions
- 3. Nature and supervision of pre-shipment supervision institutions
- 4. Business rules for pre-shipment supervision institutions
- 5. Relations between pre-shipment supervision and arrival supervision

2. Pre-shipment Supervision Institutions

□ 国家质检总局授权的装运前检验机构21家:

中国检验有限公司	CHINA INSPECTION COMPANY LIMITED
中国检验认证集团北美有限公司	CCIC NORTH AMERICA INC.
中国检验认证集团马赛有限公司	CCIC MARSEILLE SARL
中国检验认证集团新西兰有限公司	CCIC NEW ZEALAND CO. LIMITED
中国检验认证集团新加坡有限公司	CCIC SINGAPORE PTE LTD.
中国检验认证集团菲律宾有限公司	CCIC (PHILIPPINES), INC.
中国检验认证集团南美有限公司	CCIC SOUTH AMERICA INC., LTDA.
中国检验认证集团西班牙有限公司	CCIC SUCURSAL EN ESPANA
中国检验认证集团伦敦有限公司	CCIC LONDON COMPANY LIMITED
中国检验认证集团澳大利亚有限公司	CCIC AUSTRALIA PTY. LTD.
中国检验认证集团俄罗斯代表处	CCIC OFFICE IN THE RUSSIAN FEDERATION
日中商品检查株式会社	JAPAN CHINA COMMODITIES INSPECTION COMPANY LIMITED
五洲检验(泰国)有限公司	C. C. I. C (THAILAND) CO., LTD.
中国检验认证集团澳门有限公司	CCIC MACAU COMPANY LIMITED
中国检验认证集团欧洲有限公司	CCIC EUROPE B. V.
中国检验认证集团不莱梅有限公司	CCIC BREMEN GmbH
中国检验认证集团阿拉木图有限公司	CHINA CERTIFICATION & INSPECTION GROUP ALMATY CO. LTD
中国检验认证集团加拿大有限公司	CHINA CERTIFICATION & INSPECTION CORPORATION CANADA INC.
中国检验认证集团迪拜有限公司	CHINA CERTIFICATION AND INSPECTION GROUP DUBAI CO. LTD
中国检验认证集团日本有限公司	CHINA CERTIFICATION AND INSPECTION GROUP JAPAN CO. LTD
中国检验认证集团马来西亚有限公司	CHINA CERTIFICATION AND INSPECTION GROUP MALAYSIA CO. LTD

2. Pre-shipment Supervision Institutions

- Two pre-shipment supervision institutions recognized by State Bureau of Quality and Technical Supervision and Quarantine:**

**NATIONAL MARINE CONSULTANTS INC.
(NMCI)**

**NORTH AMERICA MARINE SURVEYORS ASSN.
(NAMSA)**

VI. Port Supervision & Quarantine

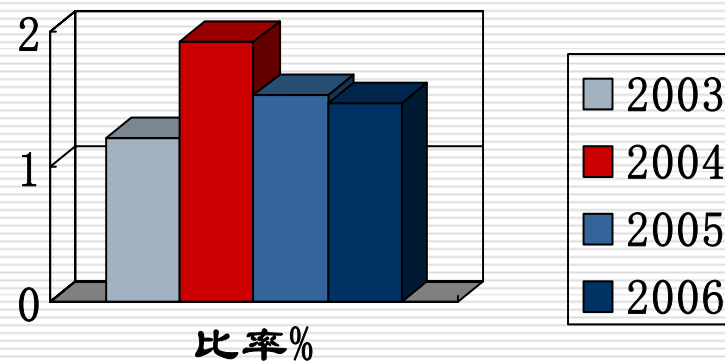
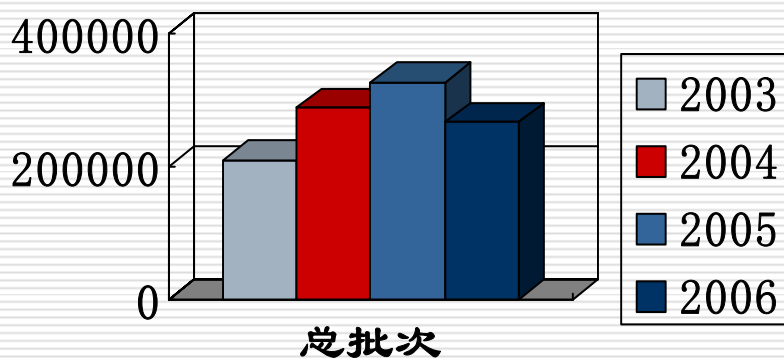
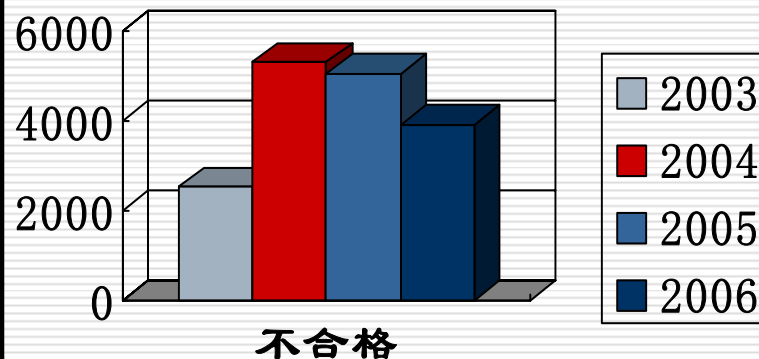
- 1. Submit for supervision
- 2. Innocuous treatment
- 3. Site supervision & quarantine
- 4. Supervision on environmental protection
- 5. Judgment on supervision & quarantine result and the treatment
- 6. Discipline for site supervision & quarantine work

VII. Supervision and Management

- 1. Follow-up supervision and management of registered overseas suppliers
- 2. Follow-up supervision and management of registered domestic consignees
- 3. Supervision and management of the recognized pre-shipment supervision institutions
- 4. Management of supervision & quarantine stations
- 5. Early warning system
- 6. Reporting to the authority and communication system
- 7. Coordination among relevant departments
- 8. Training and management of relevant staff
- 9. Coordination of foreign publicity

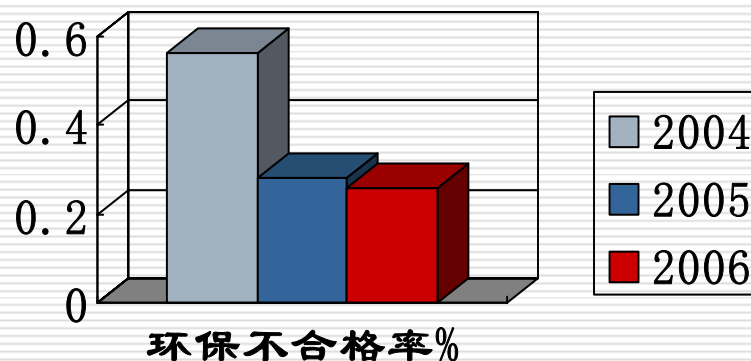
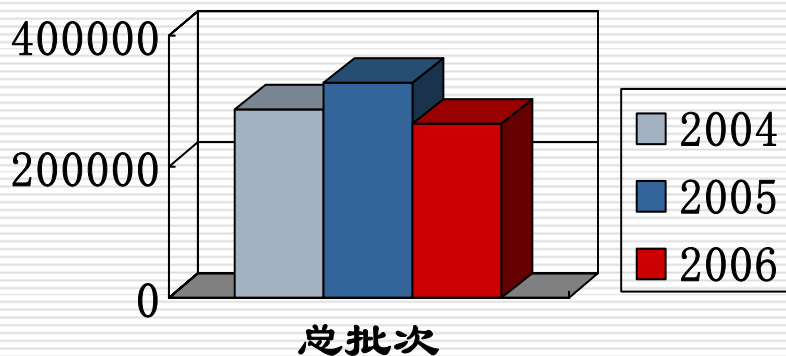
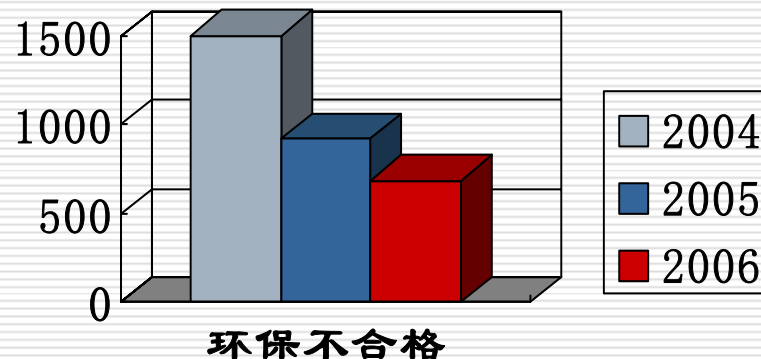
VIII. Outcome: Unqualified Waste

	Unqualified	Total batch	Percent of unqualified %
2003	2519	208108	1.21
2004	5313	287602	1.93
2005	5039	326600	1.54
2006	3903	265990	1.47



VIII. Outcome: Wastes Failing to Meet Environmental Requirements

	Unqualified	Total batch	Percent of unqualified
2004	1500	287602	0.56%
2005	921	326600	0.28%
2006	687	265990	0.26%

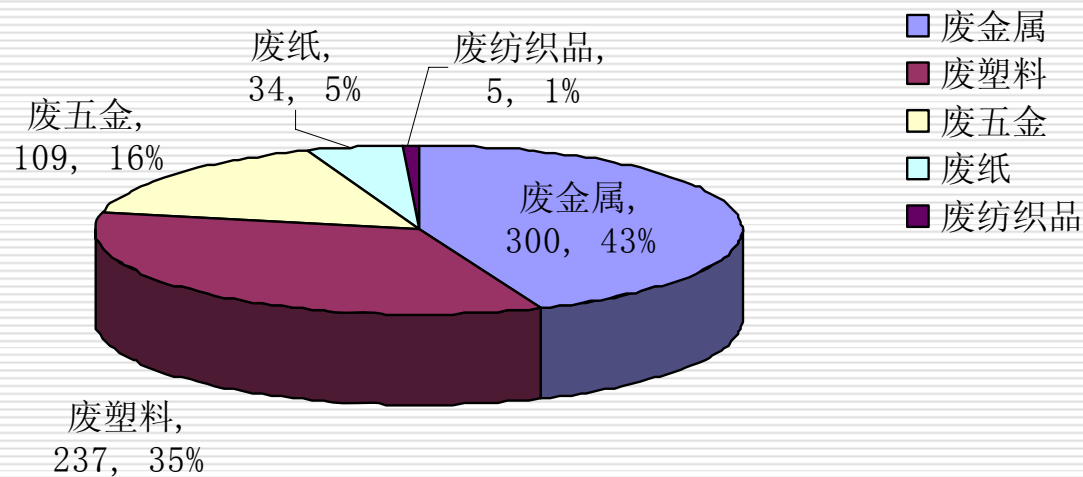


VIII. Analysis of Environmental Protection Quality: 2006



VIII. Analysis of Environmental Protection Quality: Type

Type	Batch (批)
Waste metal	300
Waste plastic	237
Waste hardware	109
Waste paper	34
Waste textile	5



主要废物原料种类不合格批次，比例

VIII. Analysis of Environmental Protection Quality: Different County

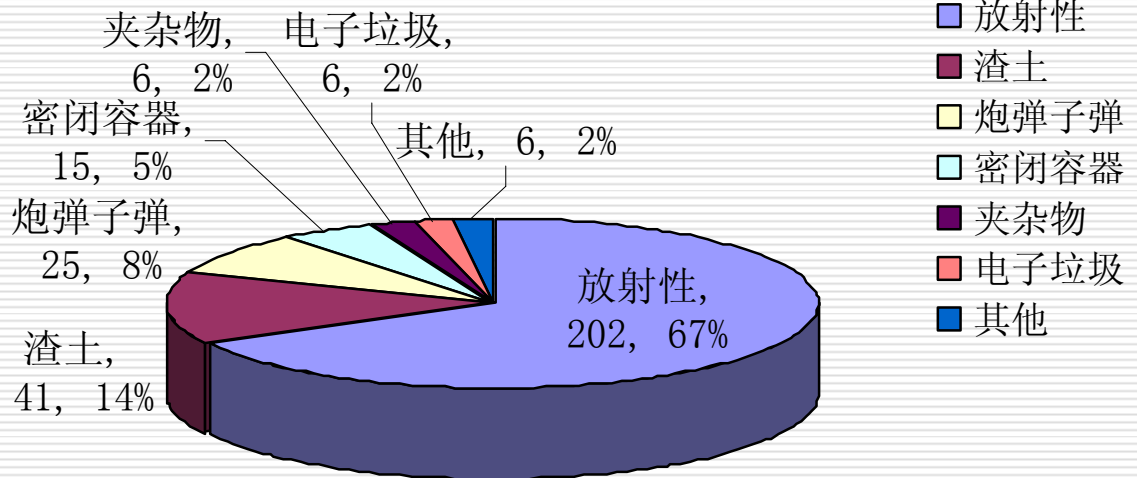
环保不合格批次 (批)



Top 20 from 52 countries from which the imported waste as raw materials failing to meet environmental requirements in 2006

VIII. Analysis of Environmental Protection Quality: Waste Metals

Cause	Batch
Radioactivity	202
Stockpiles	41
Shells & bullets	25
Sealed vessel	15
Mixed material	6
E-garbage	6
Others	6



不同类型环保不合格批次，比例

Major Problems of Waste Metals—— Radioactive pollution

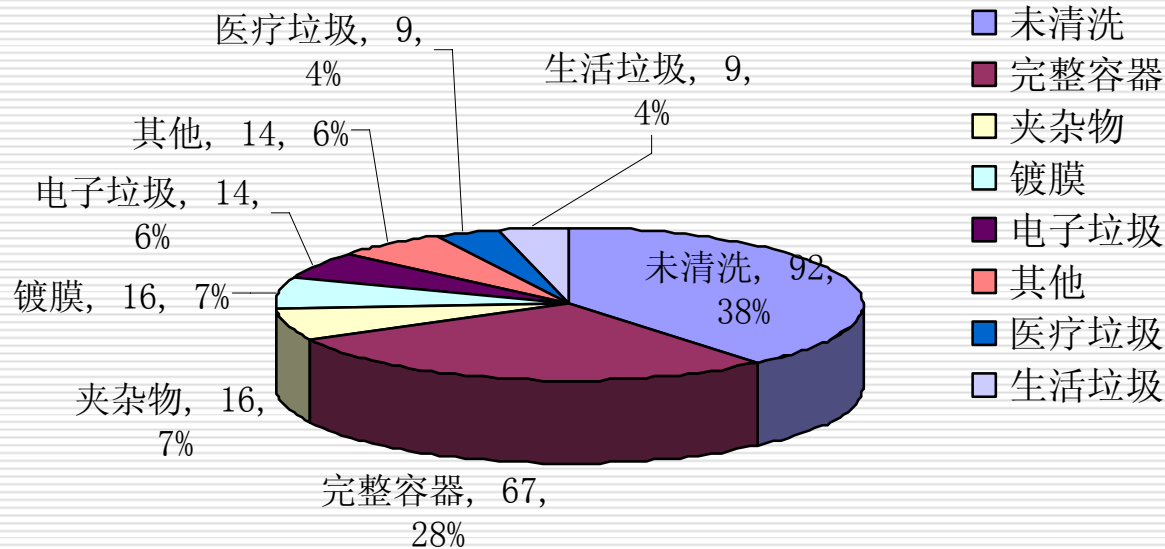


Major Problems of Waste Metals



VIII. Analysis of Environmental Protection Quality: Waste Plastics

Cause	Batch
Uncleaned	92
Intact vessel	67
Mixed materials	16
Coat	16
E-waste	14
Others	14
Medical waste	9
Domestic garbage	9

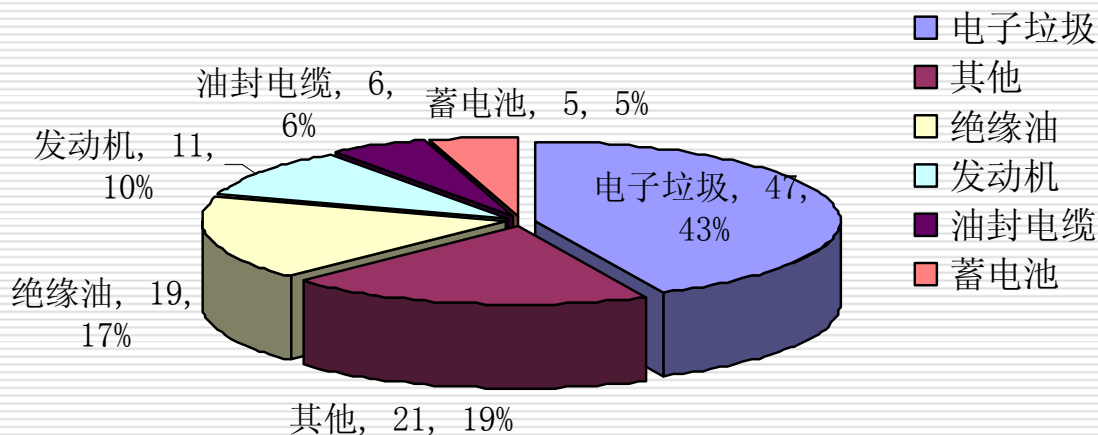


Major Problems for Waste Plastics—— Domestic Garbage



VIII. Analysis of Environmental Protection Quality: Waste Hardware

Cause	Batch
E-waste	47
Insulation oil	19
Motor	11
Oil-sealed cable	6
Accumulator	5
Others	21



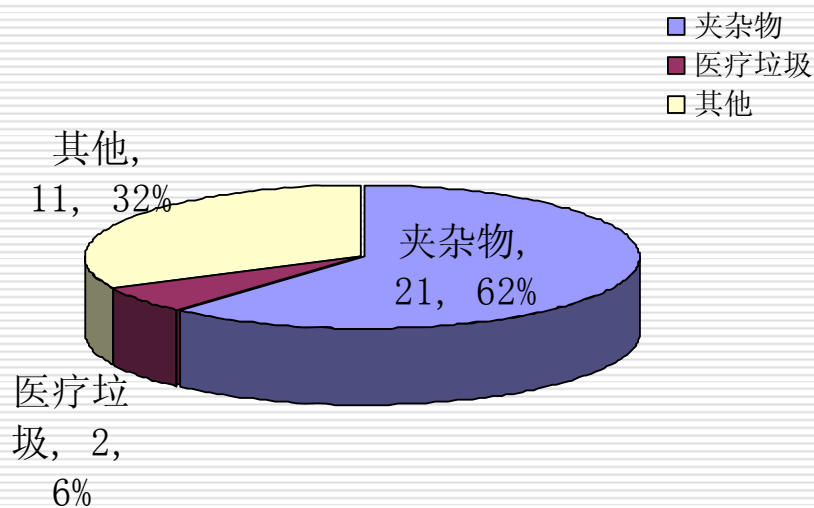
检出问题批次, 比例

Major Problems for Waste Hardware — E-Waste



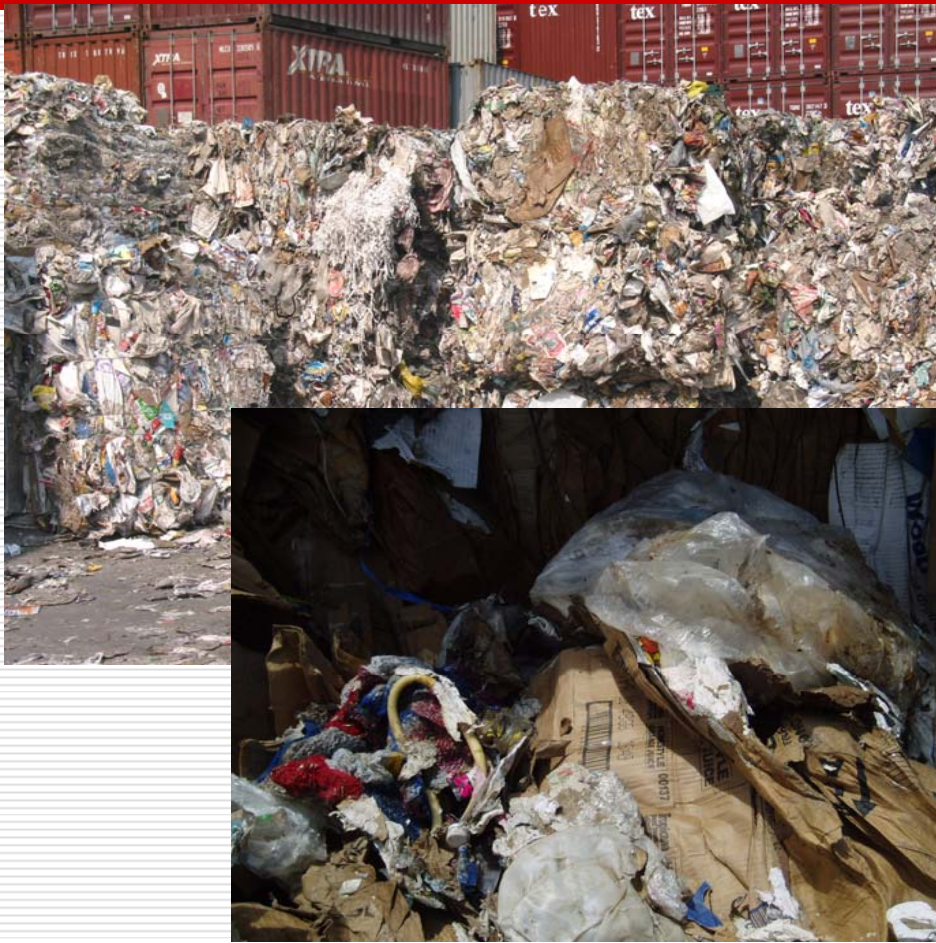
VIII. Analysis of Environmental Protection Quality: Waste Paper

Cause	Batch
Mixed materials	21
Medical wastes	2
Others	11



检出问题批次，比例

Major Problems for Waste Paper—— Domestic Garbage



IX. Looking Ahead

- Strengthen the standard for supervision and quarantine work**
- Enhance the development of standardization system and scientific capacity for supervision and quarantine work**
- Beef up international cooperation**

Thank you!

Welcome any comments!

Hao yilei

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