Field-Oriented Food Safety Management

Submitted by: Korea
Field-oriented Food Safety Management

Kim, Hyun Jin
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Overview of National Food Safety System
Population: 50 million
Food business: 1 million

Central Government Authorities
- Ministry of Food and Drug Safety
  - 6 regional offices
- Ministry of Agriculture, Food and Rural Affairs
- Ministry of Oceans and Fisheries

17 Municipal Provinces
> 3,000 food inspectors
### Integration of Food Safety Authorities

**Various Agencies**

<table>
<thead>
<tr>
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<th>Import</th>
<th>market</th>
<th>consume</th>
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<tr>
<td>Processed foods</td>
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**Single Agency (MFDS)**

Some authority consigned to MAFRA or MOF

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</table>

- **Ministry of Food and Drug Safety**
- **Ministry of Agriculture, Food & Rural Affairs**
- **MFDS, MAFRA & Ministry of Oceans & Fisheries**

MFDS cooperates with MAFRA and MOF. Consigned authorities can be cross-checked by interagency activities.
Food Hygiene Law
Food Safety Basic Law
Health Functional Food Law
Livestock Products Sanitary Control Act
Related Regulations: Food Code, Food Labeling Standards etc

Safety Assurance Activity by industry, 3rd party audit
Government Monitoring and Surveillance
(Harvesting, Processing, Distribution and at the borders)

Food & Livestock Hygiene Testing Laboratories
(Including 16 Provincial Laboratories)

Training for Municipal Food Inspectors
Education for Food Industry (Associations)
Food Safety Campaign for Consumers
Violations

Monitoring & Surveillance

Legal Actions

Food Business Operators

Surveillance

Food Products

Preliminary Actions

Hazardous Chemicals, Pathogens, Contaminants, Adulteration

Unfit, illegal

Unapproved

Administrative Actions

Recalls

Prohibition of Sales
Emerging Challenges

- Environment Contamination
- Increasing International Food Trade
- Rising public concern for food safety

MFDS Integrated Food and Drug Safety Control Agency
e-Food Safety Control System
- Information Sharing & Transmission Nationwide immediately to/from MFDS and local Authorities
- Faster & Prompt Response to Routine Investigation & Crisis Management Situations
- Nationwide Status Monitoring for Inspection & Surveillance, Product Sampling & Testing Prompt Recall, On-site Investigation, Reporting, etc.
Smart e-Food Safety Control System
for efficiency and for minimising duplication

Field Work Personnel
Visit
Establishment
Access
Tablet PC

Smart Work
Search company data
Establishment

Inspection / Surveillance
Confirm with staff from company

Input detail
Register

Input sample info
Evidence of taking Sample

Product Info
Category
Sample collected
Surveillance
Manufacture Code
Use by date

Mobile Printer
## 기획 단속 1일 상황 현황

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### 지역별 통합인력 및 점검 현황

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### 지역별 간접적형 현황

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### 수거검사 현황

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### 메모관리

- 간접적형
- 기획단속 악모판리
- 설 성수가 비상시 단속
Automatic Sales Block System
Faster & Prompt Reliable Recall System is needed;
Time Gap between Testing – Announcement – Sales Ban & Actual Withdrawal from the market;
Cause Consumer Concern as they ate yesterday prior to the official announcement of the findings,
Cause Consumer Distrust as they cannot distinguish unsafe products with other products
Automatic Sales Block System at the Point of Sales using Barcode in cooperation with the private sector

- Government Test Results are instantly provided to affiliated retail stores for prompt recall
  * Testing Laboratory -> MFDS -> Korea Chamber of Commerce and Trade
  -> Sale Ban become effective immediately

42,134 business operators, 17 million people daily, 2 million products

*Sales of the unconformed Products identified are instantly prohibited at affiliated Retail Stores Within 5 minutes*
Automatic Sales Block System (ASBS)

Store with ‘ASBS’

POS with ‘ASBS’ operation

Unsafe Product—Sale Blocked

Product’s barcode scanned
Automatic Sales Block System at the Point of Sales using Barcode in cooperation with the private sector
2009, the pilot project will be performed at large companies such as department stores
Expanding participation in the Automatic Sales Block System rapidly
2014, it will be extended to small business places (About 50,000)

- Increase in 28% of companies
  - 2012: 28
  - 2013: 36

- Increase in 21% of stores
  - 2012: 34,762
  - 2013: 42,134

- Increase in 16% of beneficiaries
  - 2012: 15.31 million people
  - 2013: 17.78 million people

- Sales block of unconformed food
  - Past: 2~3 days
  - Present: immediately
For More Information,

E-FOOD SAFETY CONTROL SYSTEM
hkooyong@korea.kr

AUTOMATIC SALES BLOCK SYSTEM
misoya78@korea.kr

Kim, Hyun Jin (speaker)
Food Policy Coordination Division, MFDS
brightzmun@korea.kr