The Regulatory Supervision and Market Surveillance Strategies to deal with potential areas of non-compliances

Kate Maswenganyi

"Protecting health, Safety, the Environment and ensuring Fair Trade"
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**Overview of NRCS**

<table>
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<tr>
<th>Mandate</th>
<th>NRCS Scope</th>
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<tbody>
<tr>
<td>To provide for the administration and maintenance of compulsory</td>
<td>NRCS scope</td>
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<tr>
<td>specifications and technical regulations in the interests of:</td>
<td>• Electrotechnical</td>
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<tr>
<td>• Public safety</td>
<td>• Chemical, mechanical and materials</td>
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<tr>
<td>• Health</td>
<td>• Automotive</td>
</tr>
<tr>
<td>• Environmental protection (EE mandate)</td>
<td>• Legal Metrology</td>
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<tr>
<td>• Fair trade</td>
<td>• Built environment</td>
</tr>
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<td></td>
<td>• Foods and fishery</td>
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<tr>
<th>Legislative Framework</th>
<th>Mandate from other Government Departments</th>
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<tbody>
<tr>
<td>• The National Regulator for Compulsory Specifications Act (Act No. 5 of 2008)</td>
<td>• Department of Energy (appliance labeling and energy efficiency)</td>
</tr>
<tr>
<td>• Legal Metrology Act (Act No.9 of 2014)</td>
<td>• Department of Labour (safety of electrical components)</td>
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<tr>
<td>• National Building Regulations Act (Act No. 103 of 1977)</td>
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The same model used for the market surveillance and regulatory supervision under the health and safety mandate will be deployed for energy efficiency.
Inspecting at source philosophy

**MARKET**
- Retailers
- Wholesalers
- Distributors

**SOURCE**

- Local products
- Imported products

**COUNTRY OF ORIGIN**

- Ports of entry: 19
- Sea port: 5
- Air port: 2
- Inland port: 11
  - Dry port: 1

Examples:
- Sea ports: Durban Harbour, Cape Town Harbour
- Air ports: OR Tambo, Cape Town
- Inland ports: Beitbridge, Lebombo, City Deep

**NRCS**

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Risk based approach

Risk profile factors
- Product
- Country of origin
- Company

High Risk
- High impact
- High visibility
- Inspection at source
- No embargo releases
- Target a certain % of inspections at source
- Embargo release

Medium Risk
- Reduced frequency
- Target a certain % of inspections at source
- Embargo release

Low Risk
- Sample on the market
- Reduced frequency
- Random inspections
- Low impact

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Non noncompliant products destroyed: 2008/9 – 2013/14

NRCS ~ R438 million
Electrotech ~ R76 million
Impact Stats of EE compulsory specifications already implemented

- ~ R94 million non-compliant electrotechnical products destroyed from 2008/9 to 2014/15 (R18.1 million worth of products available for destruction in 2014/15)
- Nearly 500,000 CFL’s and incandescent lamps to be destroyed in 2014/15
- Challenge of abandoned containers e.g. in Cape Town, 10 containers of incandescent lamps

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NRCS Readiness

- **Compulsory Specification Development:** VC9008 promulgated November 2014
- **Policy Level:** Study tour undertaken in other technical infrastructure organization by team of management and Inspectors in UK and Korea
- **Capacity Building:** Team of inspectors attended technical Training in Korea and UK respectively
- **Participation in several relevant workshops organized by different stakeholder e.g.** Attendance of International Monitoring and Verification Best Practice Workshop on Energy Efficiency in Pretoria
Potential barriers

- Awareness: consumers, regulatees, etc.
- Regulatee behaviour: evasive, avoidance, ...
- Cost of transporting, storage and destroying non compliant products
- Testing facility: readiness, availability and capacity.
- NRCS capacity
Thank you!

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END