PPECB: Integrated model on implementation of Quality, Cold Chain, Food Safety and Phytosanitary requirements

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Perishable Products Export Control Board (since 1926)

Official Quality Inspection & Certification Agency in South Africa

www.ppeecb.com
Our vision...

A Partner in Global Competitiveness of South African Perishable Products

Our mission...

To build competitive capacity in our people & systems in Industries we serve in order to instill world-wide confidence in South African Perishable Products.
Strategic objectives...

- Enhancing the credibility of the South African Export Certificate
- Supporting the export competitiveness of the South African perishable products industries
- Strengthening PPECB’s capacity as a credible source of strategic information for serving industries and stakeholders
- Supporting Government in ensuring confidence in the quality assurance and food safety systems for local perishable product markets
- Supporting Government in building systems to ensure compliance to South African quality and food safety standards for imported perishable products
Legislative Framework

- **act 9 of 1983** – ppecb act *(supply/cold chain logistics)*
  - establishes and mandates ppecb
  - provides for control & management of South African perishable products export processes

- **act 119 of 1990** – aps act *(export certification)*
  - appointed assignee/public service provider (1991)
  - ensures export food safety and quality standards of regulated agricultural products are complied with.

- **act 1 of 1999** – pfma act *(corporate governance)*
  - regulates financial management and good governance in government and public entities
  - reports to government
Inland Phytosanitary Inspections for Non-Cold Treatment Markets

Responsible for the **Orderly Exports** of Perishable Products

Responsible for **Export Quality** and Food Safety Inspection and Certification In South Africa

Inland Phytosanitary Inspections for Non-Cold Treatment Markets

**PPECB Responsibility...**
Export legislation...

100% CONSIGNMENTS ARE INSPECTED

ACTS

APS Act 119 of 1990

PPECB Act 9 of 1983

Ag. Pest Act 36 of 1983

Quality
MRL
Food safety
Traceability

Temperature
& Cold
treatment
management

Equipment
certification

Phytosanitary
requirements

Bilateral
agreements

Export
certificate

Temp
instruction
letter

Phyto
certificate

PPECB

Ministry

100% CONSIGNMENTS ARE INSPECTED

STATUTORY ORGANISATION

EU 1580 APPROVAL
# PPECB Operating Environment

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offices</td>
<td>42</td>
</tr>
<tr>
<td>Number of listed product groups</td>
<td>315</td>
</tr>
<tr>
<td>Inspection points</td>
<td>1350</td>
</tr>
<tr>
<td>Inland loading points</td>
<td>380</td>
</tr>
<tr>
<td>Vessels at port</td>
<td>395</td>
</tr>
<tr>
<td>Active client accounts</td>
<td>1 611</td>
</tr>
<tr>
<td>Supplier accounts</td>
<td>1 764</td>
</tr>
<tr>
<td>Employees</td>
<td>365</td>
</tr>
<tr>
<td>S &amp;T man days</td>
<td>17 427</td>
</tr>
<tr>
<td>Computer workstations</td>
<td>207</td>
</tr>
<tr>
<td>Billable hours</td>
<td>378 608</td>
</tr>
<tr>
<td>Kilometres traveled</td>
<td>3.5 million</td>
</tr>
</tbody>
</table>
Production regions...

- pome stone
- sub-tropical
- citrus
- grapes
- other

Production regions:
- Namibia
- Upington
- Kimberley
- Bloemfontein/Lesotho
- East London
- George
- Port Elizabeth
- Durban
- Johannesburg
- Maputo
- Mozambique
- Zimbabwe
Services detail...

**PPECB service categories**
- product and equipment certification
- cold chain management
- statistical information
- advisory services and training

**PPECB Accreditations:**
- ISO Guide 65 (Globalgap, BRC)
- ISO 17021 (HACCP certifications)
- ISO 17025 (Laboratory services)
- ISO 17020 (WIP)
- EU 1580 – approved 3rd country inspection authority
- Certification body for Tesco Nurture (V10)
- Leaf
- ISO 22000
- 360 Quality
- 2nd party auditor for major local retail chain
- GRASP (Globalgap Risk Assessment on Social Practices)
PPECB link to best practices …

“FARM” → PRODUCTION → PACKING → DISTRIBUTION → “FORK”

GOOD AGRICULTURAL PRACTICES (SAGAP/GLOBALGAP)
GOOD MANUFACTURING PRACTICES (GMP/HACCP/BRC)
GOOD DISTRIBUTION PRACTICES (Temp, equipment/Cold Chain)

TRACEABILITY/TRACKABILITY/INFORMATION

PRODUCT QUALITY / CONDITION / FOOD SAFETY

HARMONISATION/AETP/R & D
PPECB stakeholders

PPECB provides services in the export supply chain to the following industries:

- citrus
- grapes
- pome / stone fruit
- maize, grain, groundnuts
- vegetables
- subtropical fruit
- processed products
- canned products
- flowers and bulbs
- marine products
- dairy and eggs
- shipping lines
Internal operating model
Harmonization
model components

INPUT
- Induction
- Area Training plans
- Portfolio of Evidence
- Refresher training
- Workshops
- Central training
- Incubation

OUTPUT - COMPETENCE
- Competency evaluations
- Exams (Theory)
- POE audits
- Competency databank

OUTPUT - UNIFORMITY
- Koffer tests
- Refresher calibrations
- Uniformity evaluations
- Troubleshooting
- Port Audits
Principles

- accelerated learning
  - concentrated learning
  - in-depth attention to detail
  - centralized for uniformity

- uniformity/standardized
  - input training
  - communication
  - evaluation
  - measurement

- repetition/duplication
  - positive reinforcement

- personalized attention
  - one-on-one
PPECB in the supply chain...
PPECB in the supply chain...
PPECB in the supply chain...
PPECB in the supply chain...
creating worldwide confidence in South African perishable export products

CERTIFIED TO ISO 9001