

# **ELECTROTECHNICAL REGULATIONS IN SOUTH AFRICA**

# POINTS FOR DISCUSSION

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# BACKGROUND

1. NRCS was previously know as **SABS Regulatory**
2. Previous structure of the SABS included
  - Standards
  - Test Facilities
  - Certification - Voluntary Mark Scheme

**SABS Regulatory division** - responsible for the enforcement of technical regulations (VC's).

3. Our move from the SARS happened on the 1<sup>st</sup> of September 2008, and the NRCS was established so that it ends the conflict of interest resulted in the separation



# NRCS STRATEGY

**Mandate:** To promote public health, safety and environmental protection through the development and enforcement of compulsory specifications/technical regulations.

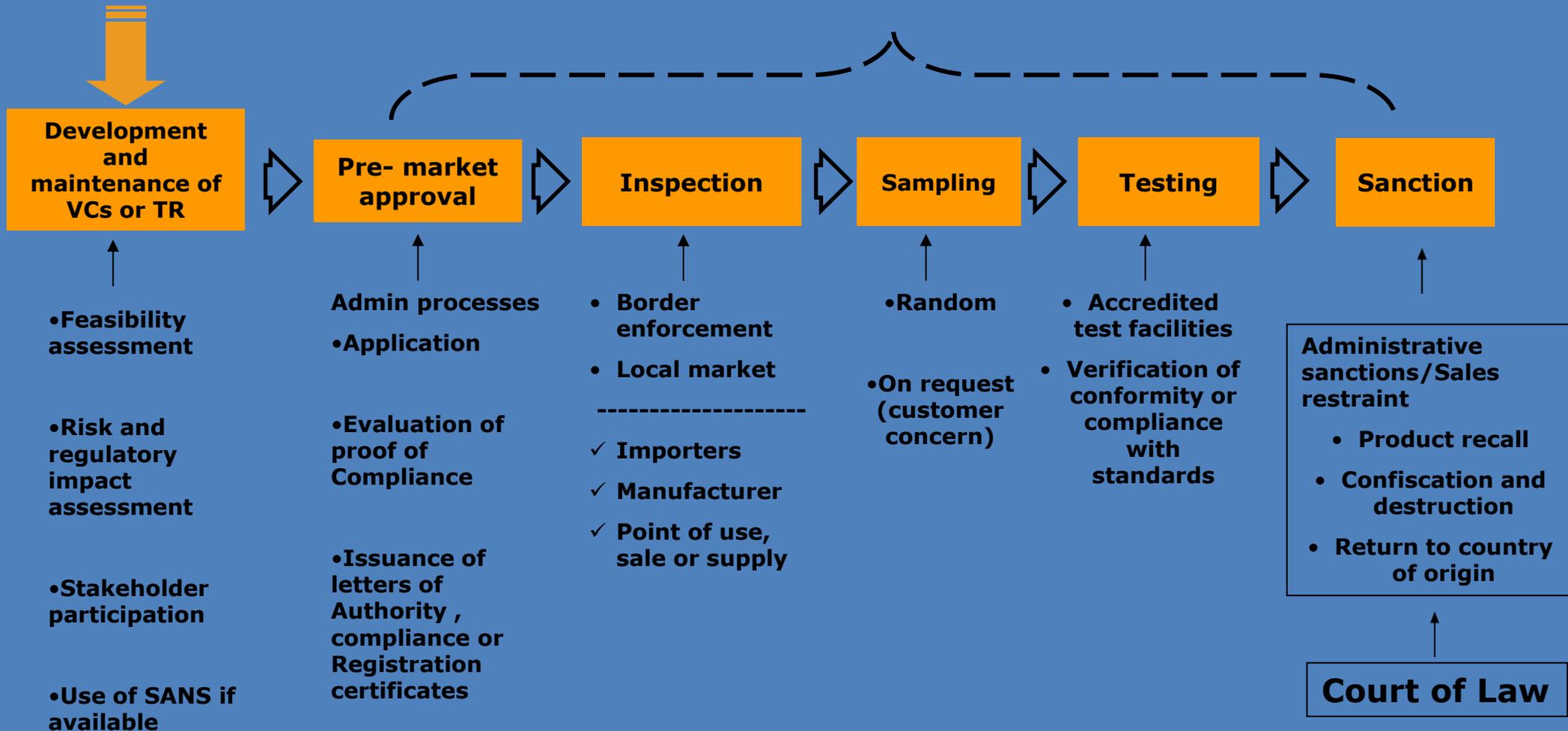
**Vision:** A credible and respected regulator for the protection of the public, the economy and environment.

- Promoting fair trade
- Giving Effect to Government Priorities
- Play a significant role in harmonisation of Technical Regulations within SADC and Africa, which helps to promote trade
- Facilitate trade as Competent Authority
- Collaboration with other Government Departments and Entities

# VALUE CHAIN & REGULATORY PROCESS

Identify the need regulation

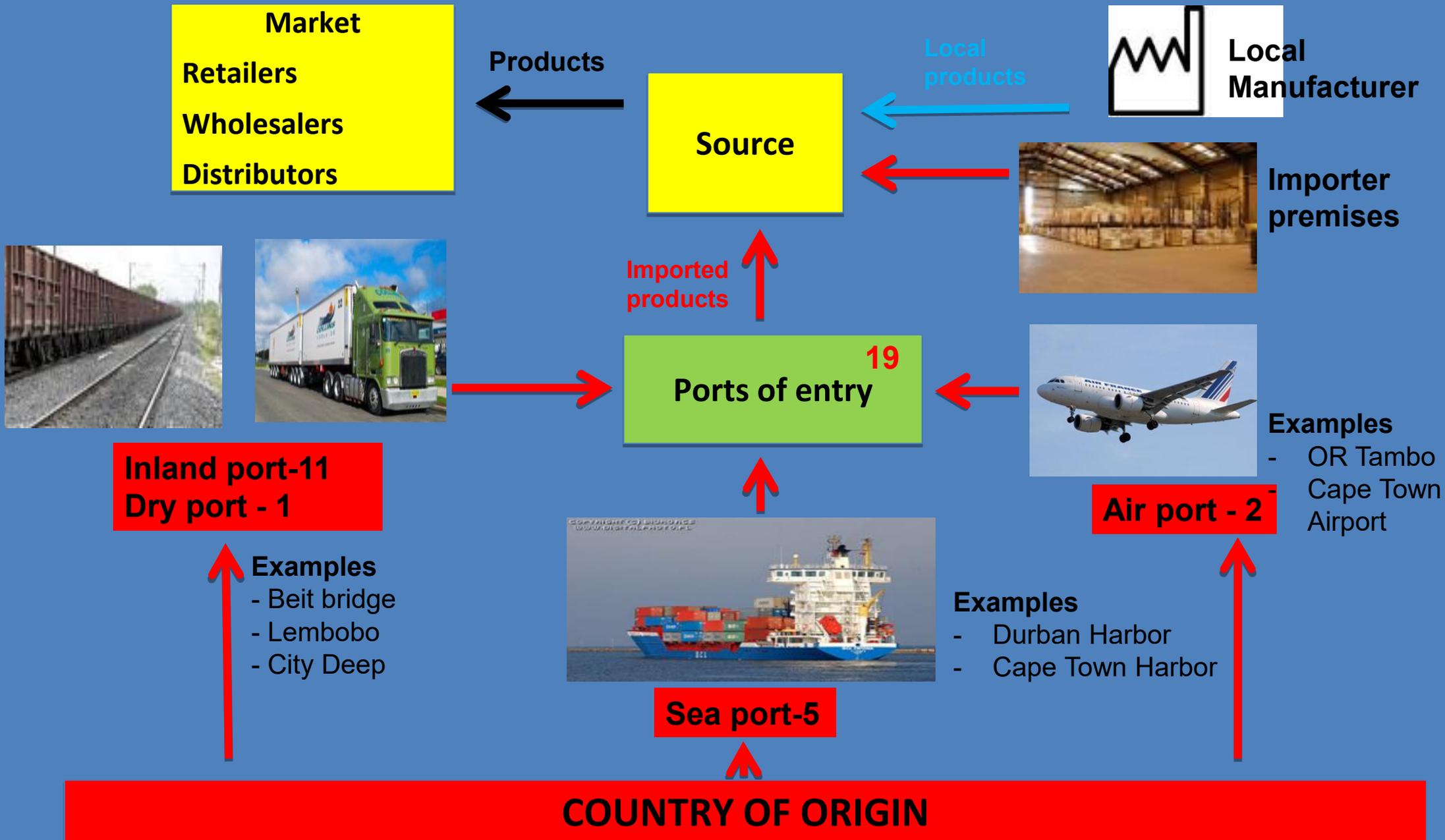
Market surveillance and enforcement



# OVERVIEW

Mandate	NRCS Scope – Operational Departments
<p>To provide for the administration and maintenance of compulsory specifications and technical regulations in the interests of:</p> <ul style="list-style-type: none"> <li>• Public safety</li> <li>• Health</li> <li>• Environmental protection</li> <li>• Fair trade</li> </ul>	<ul style="list-style-type: none"> <li>• Electrotechnical</li> <li>• Legal Metrology</li> <li>• CMM</li> <li>• Automotive</li> <li>• NBR</li> <li>• FAI</li> </ul>
Legislative Framework	NRCS Responsibilities Entail
<ul style="list-style-type: none"> <li>• The National Regulator for Compulsory Specifications Act (Act No. 5 of 2008)</li> <li>• Legal Metrology Act (Act No. 9 of 2014)</li> <li>• National Building Regulations and Building Standards Act (Act No. 103 of 1977)</li> <li>• The Foodstuffs, Cosmetics and Disinfectants Act (Act 54 of 1972)</li> </ul>	<ul style="list-style-type: none"> <li>• Pre-market approval prior too entry of all regulated products</li> <li>• Inspections at:               <ul style="list-style-type: none"> <li>- Ports of entry</li> <li>- Market surveillance</li> </ul> </li> <li>• Impose sanctions on non-compliant products</li> <li>• VC Development</li> </ul>

# MAIN FOCUS INSPECTION AT THE SOURCE



# CMM PRODUCTS

## CHEMICAL MECHANICAL & MATERIAL

Cement



Paraffin appliances



Respirators



Fire-arms for civil use



Safety Footwear



Plastic Carrier



Disinfectants



Personal Floating



Microbiological



# AUTOMOTIVE PRODUCTS

**VEHICLES**



**TRACTORS**



**MOTORCYCLES**



**HELMETS**



**COMPONENTS**

**Brake Pads & Shoes**



**Brake Fluids**



**Passenger & Commercial Tyres**



**Tow bars**



**Windscreens**



**Baby seats**



**Vehicle lights**



**Caravans and Trailers**



# FOOD & ASSOCIATED INDUSTRIES PRODUCTS (FAI)

Frozen Shrimps(Prawns)



Frozen Fish



Frozen Rock Lobster



Canned Fish



Canned Meat



Smoked Snoek Fish (Smoked Fish species)



Live Abalone



Live/Raw Bivalve



Live Lobster

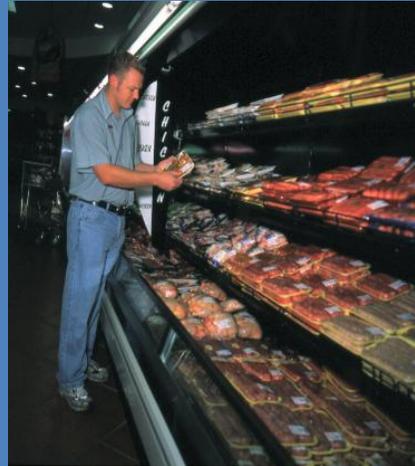


# LEGAL METROLOGY PRODUCTS

Gambling Software



Pre-packaged Products



Measures



Scales (Weight)



Measures



# ELECTROTECHNICAL PRODUCTS

**ELECTRONIC AND ELECTRONIC PRODUCTS**



**LIGHTS**



**CIRCUIT BREAKERS**



**PLUGS, ADAPTORS**



**CABLES**



**LABORATORY MEASURING**



**WATER HEATERS**



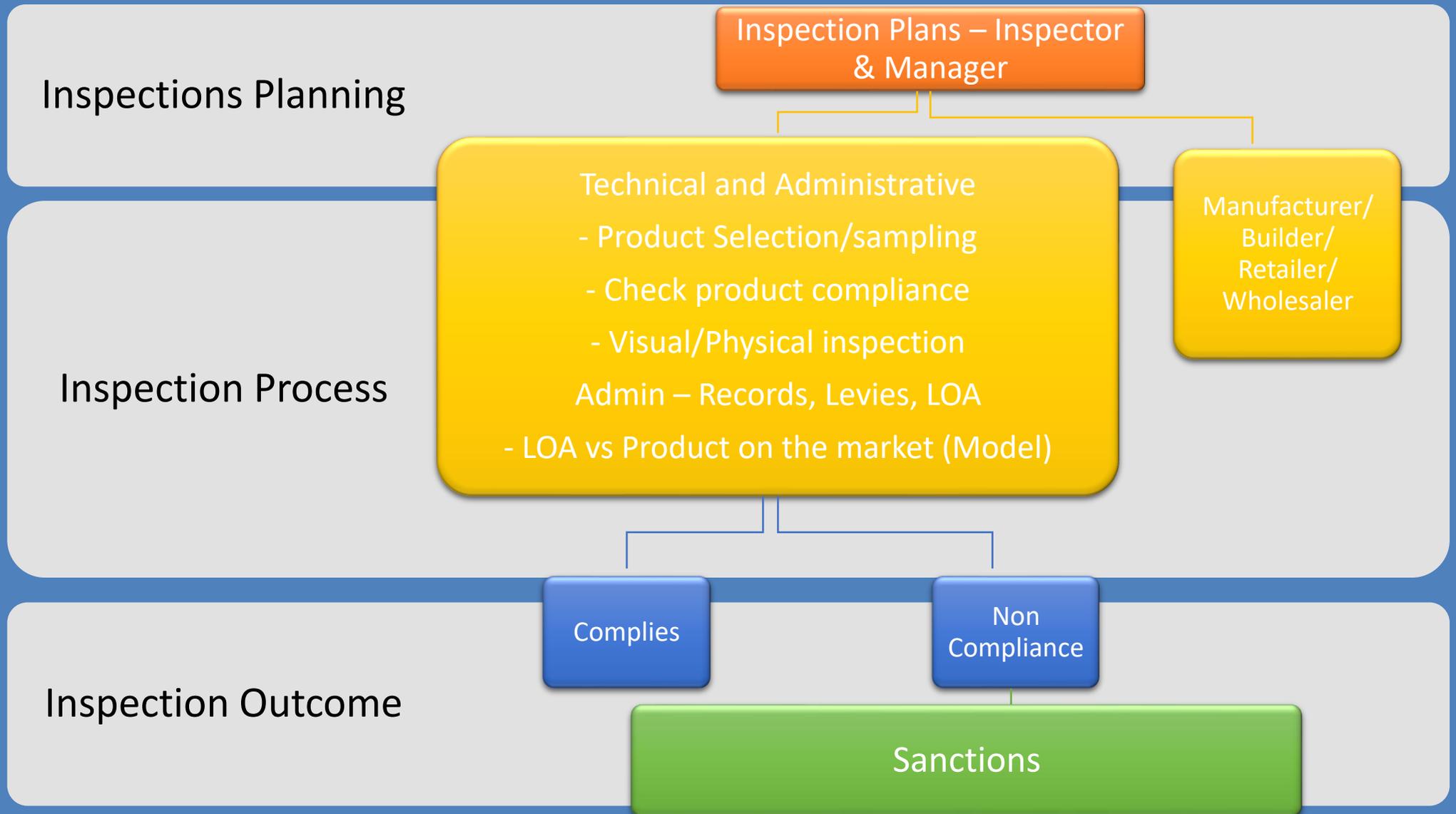
**ELECTRIC POWER TOOLS**



**SEX TOYS , VAPERS AND POWERBANK – NEW LINE**



# INSPECTION PROCESS



# APPROVAL PROCESS

**Approval:** confirmation by NRCS that a product complies with the set requirements, and thus can be traded on the market. Various types of approval documents issued;

- Letter of Authority (LOA)
- Sales permit (CEO Approval – Concessions, Conditionality's)

LOA's are required by all manufacturers and importers of commodities that fall under the scope of the above compulsory specifications (VCs) prior, to the importation and sale of the product. **This LOA will only be issued after the successful evaluation of the proof of compliance submitted.** A memorandum of agreement between SARS (Customs & Excise) and NRCS also ensures stringent import control, such that no importer will be granted market entry into South Africa for commodities that fall under the scope of the relevant compulsory specifications unless they are in possession of an original valid LOA for the specific **commodities**.

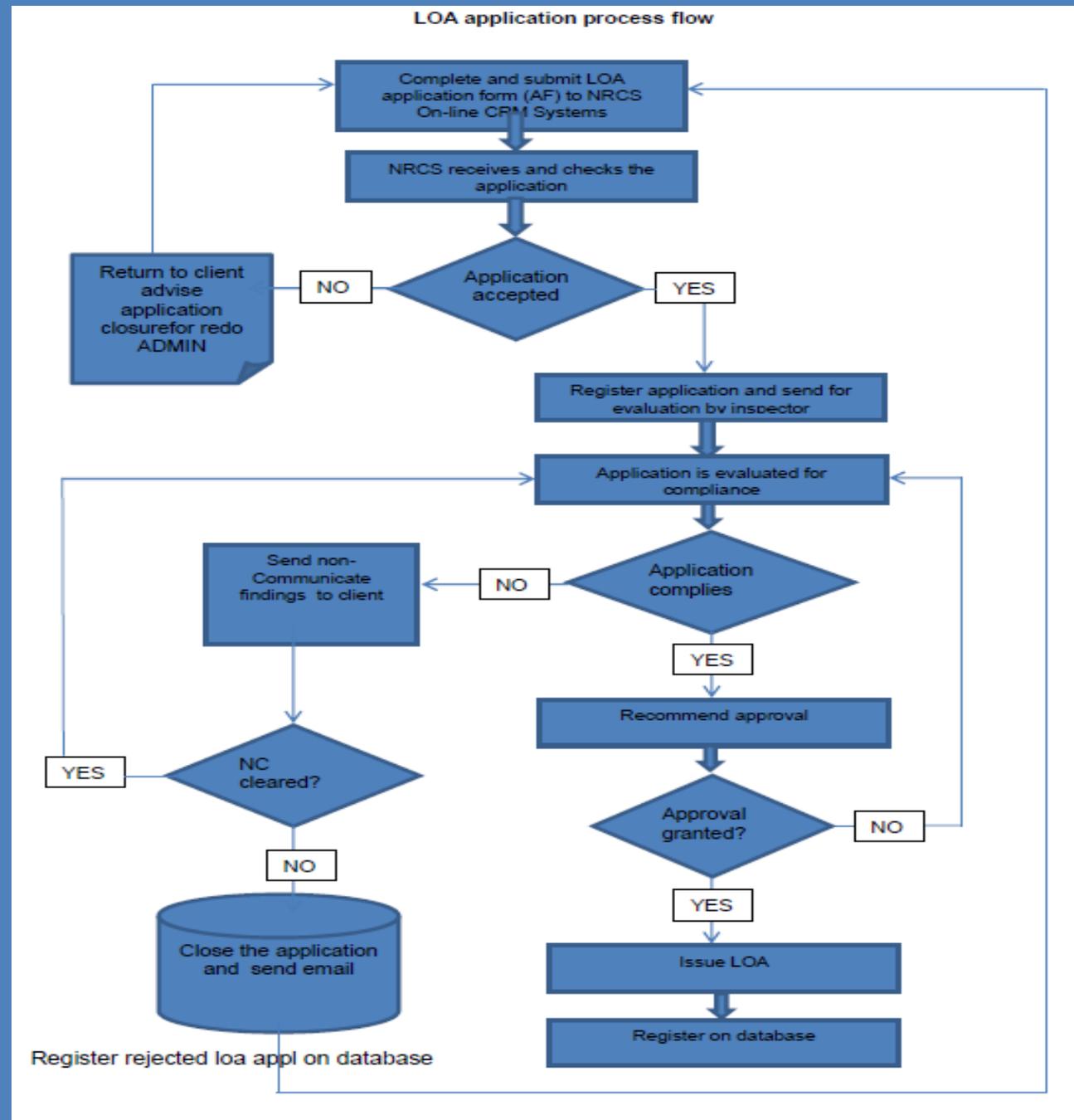
**VC 8055:** Compulsory Specification (VC) for the safety of electrical and electronic apparatus. The following are examples of standards that are covered by this:

- a. **SANS IEC 60335: Safety of household appliances, e.g. kettles, irons, stoves, refrigerators, commercial catering equipment, etc. (We will look at this standard Annex B of IEC 60335-1 the Rechargeable part due to the full standard is still under development)**
- b. **Application for a Letter of Authority**

LOA Application form must be completed in full (including the check list) and submitted to the online CRM system. Visit [www.nrcs.org.za](http://www.nrcs.org.za) website and follow the NRCS online link.

Applicants can also download the [NRCS Customer Portal Registration VIDEO](#) on the following YouTube link: <https://www.youtube.com/watch?v=JDZz9G4J08I> for more information.

# PROCESS FLOW FOR LOA APPLICATION



**END**