



RADIATION CONTROL REGULATORY COMPLIANCE

INSPECTION PROCESS

25 October 2023

Overview

	Points of discussion
1	Mandate of Inspectors
2	Plan for inspections
3	Preparation of Inspection
4	Inspection process
5	Inspection report
6	Management of the enforcement process
7	Structure of Inspectorate
8	Role and responsibilities
9	Fit for purpose

Mandate of Inspectors

Hazardous Substances Act No. 15 of 1973

- Section 8 deals with appointment Inspectors
- Section 9 deals with powers of Inspectors
- Section 9A deals with Embargo/ cancel licence
- Section 9B deals with Seizures

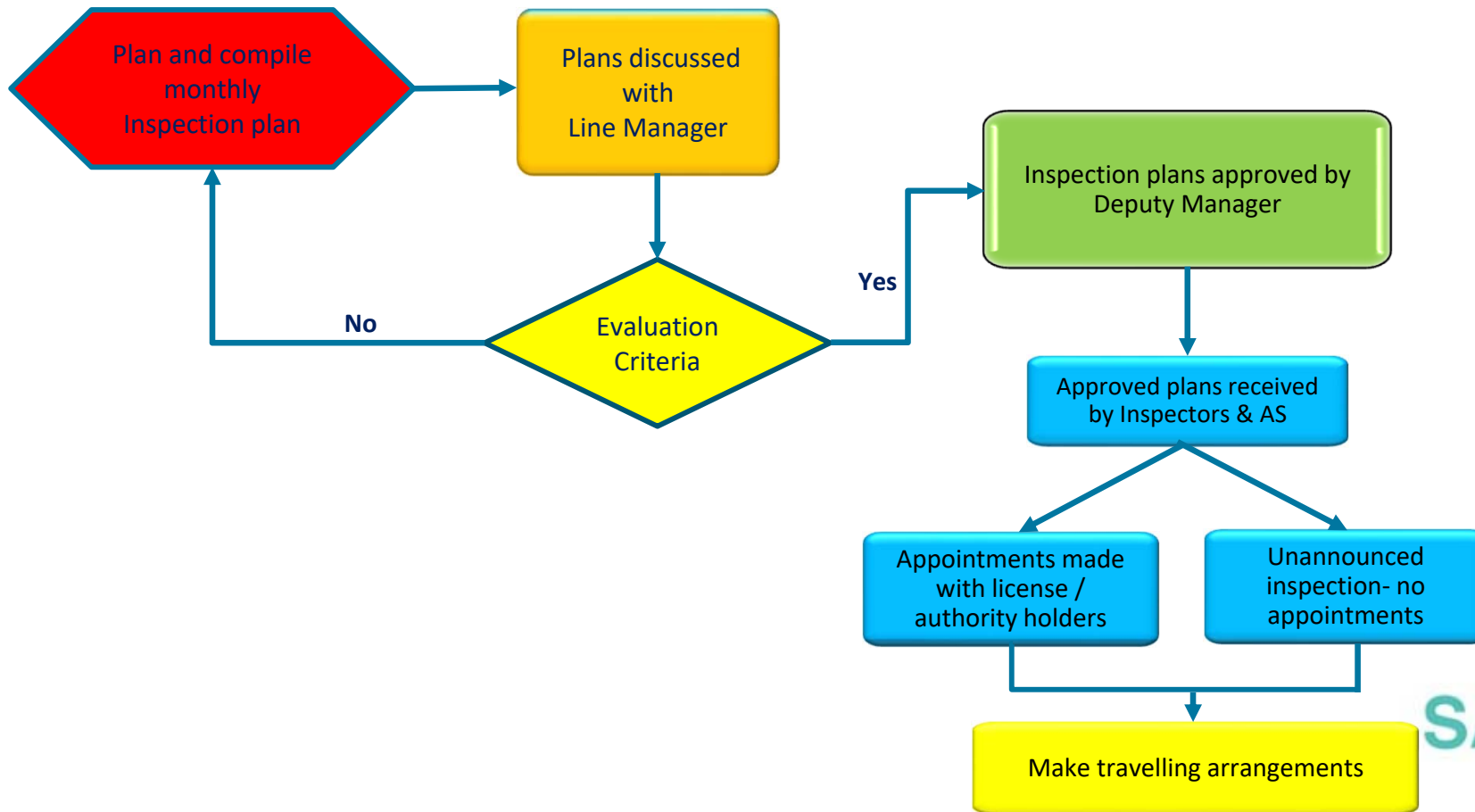
Public Health Amendment Act No. 42 of 1971, Regulation No. 1332

- Regulation concerning the control of Electronic products
- Section III.3 (g) permit inspectors to inspect licence electronic products and premises

Regulation relating to Group IV Hazardous Substances No. R.247 of 1993

- Chapter 3 gives conditions relating to activities with regards to Group IV
- Chapter 4 provides safety standards and obligations to the authority holder

Plan for Inspection

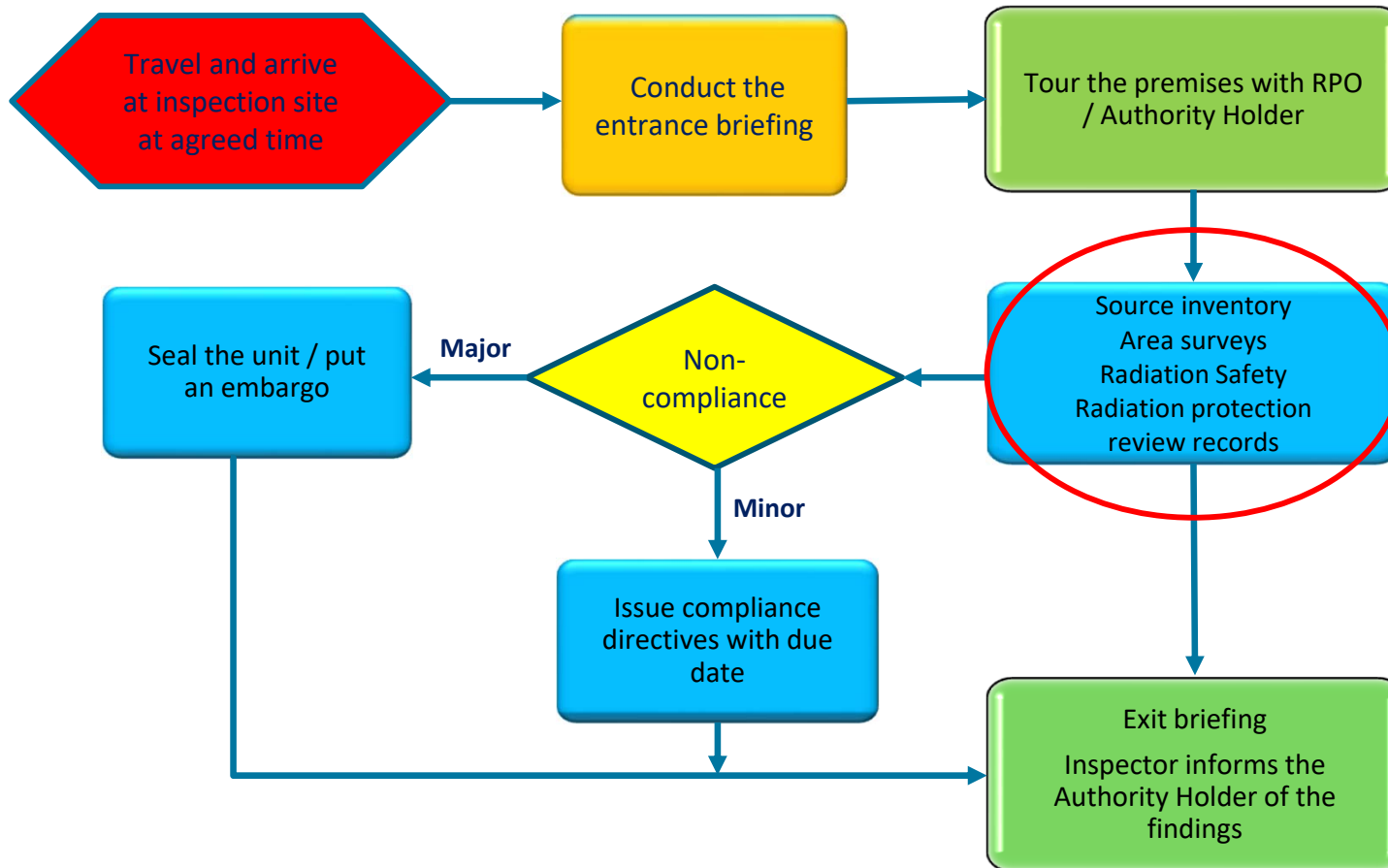


Preparation for an Inspection

Prior on-site Inspection

- Examine previous inspection reports
- Print the **advice form**
- Review the License / **authority document**
- Note status of allegations / incidence for unannounced visits
- Analyze the response to the previous non-compliance
- Identify unresolved issues from the previous inspection
- Plan the inspection

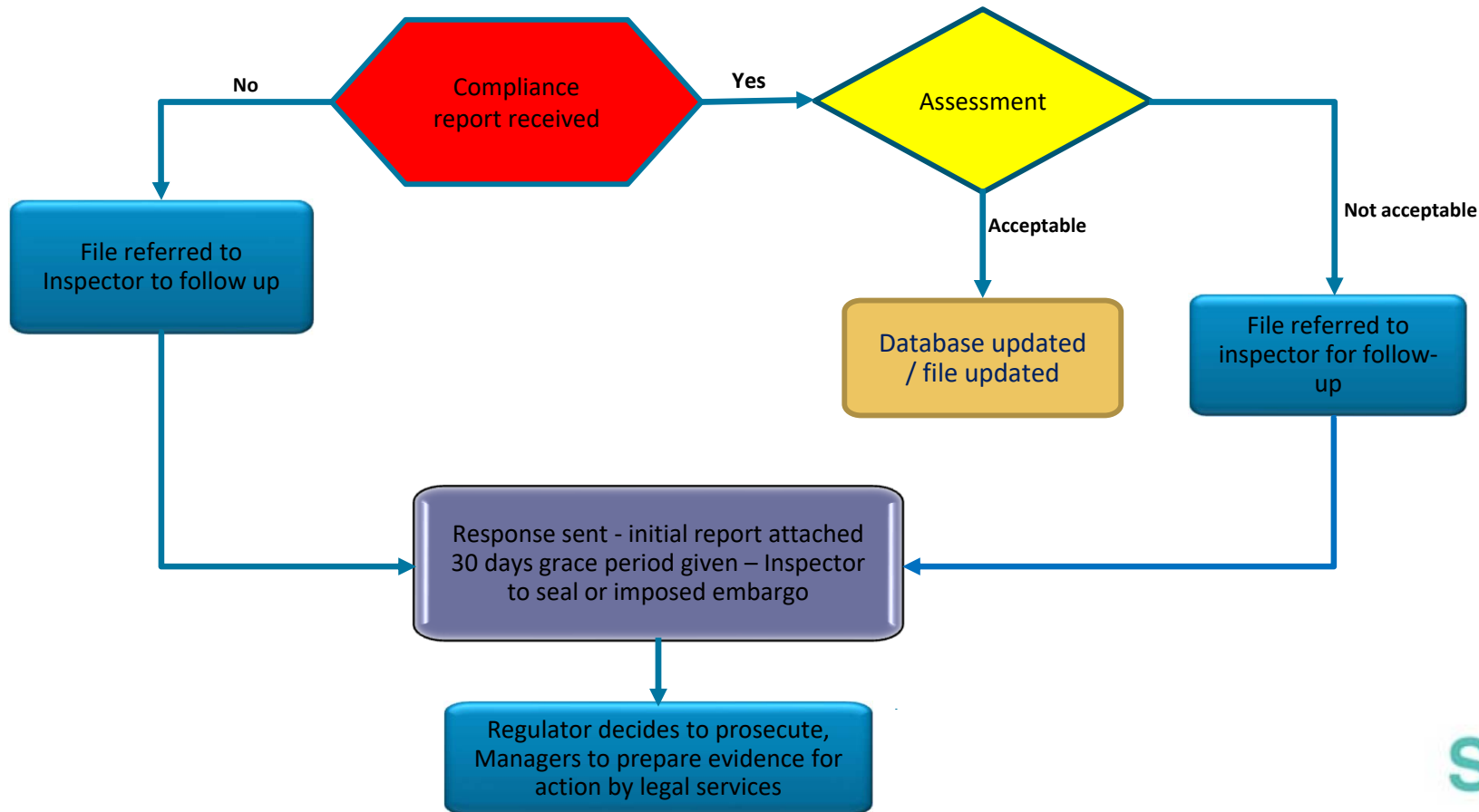
Inspection process



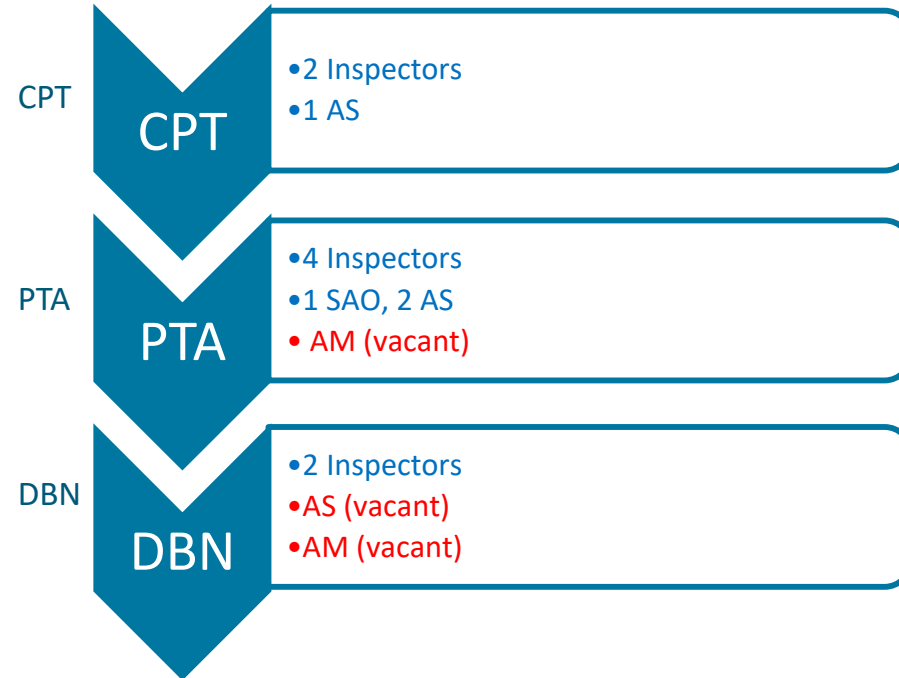
Inspection report



Management of the enforcement process



Current structure of inspectorate



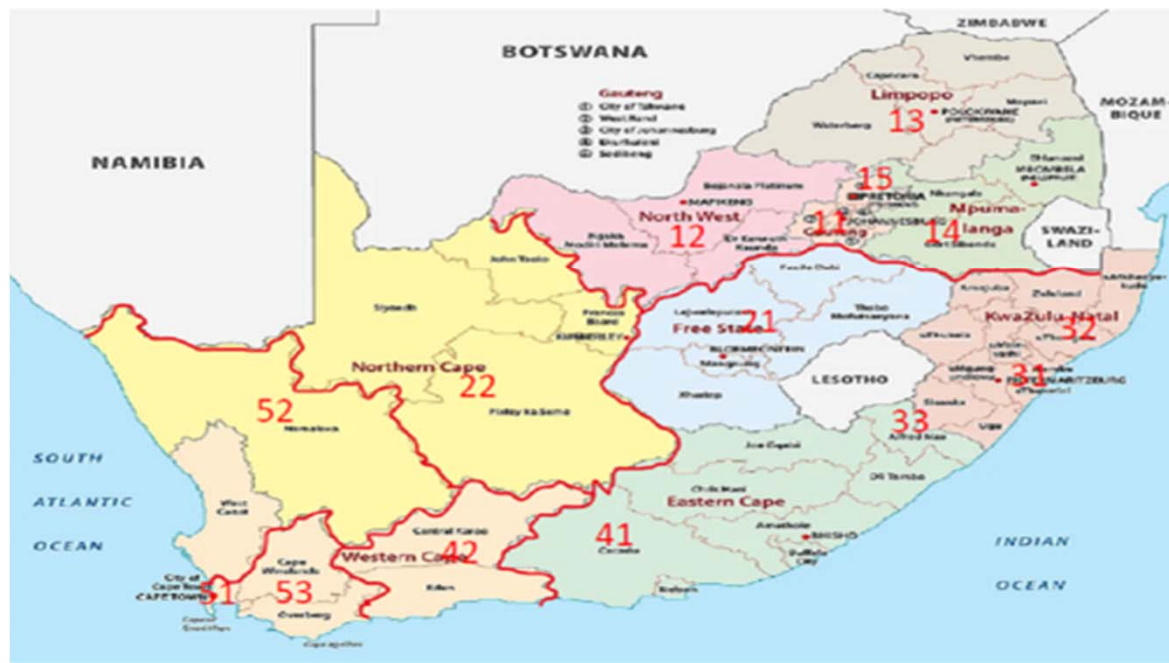
Inspectors areas

Subunit – Inspectorate Regional Offices

Pretoria Office: 11, 12, 13, 14 & 15

Cape Town (Bellville Office): 22, 42, 51, 52 & 53

Durban Office: 21, 31, 32, 33 & 41



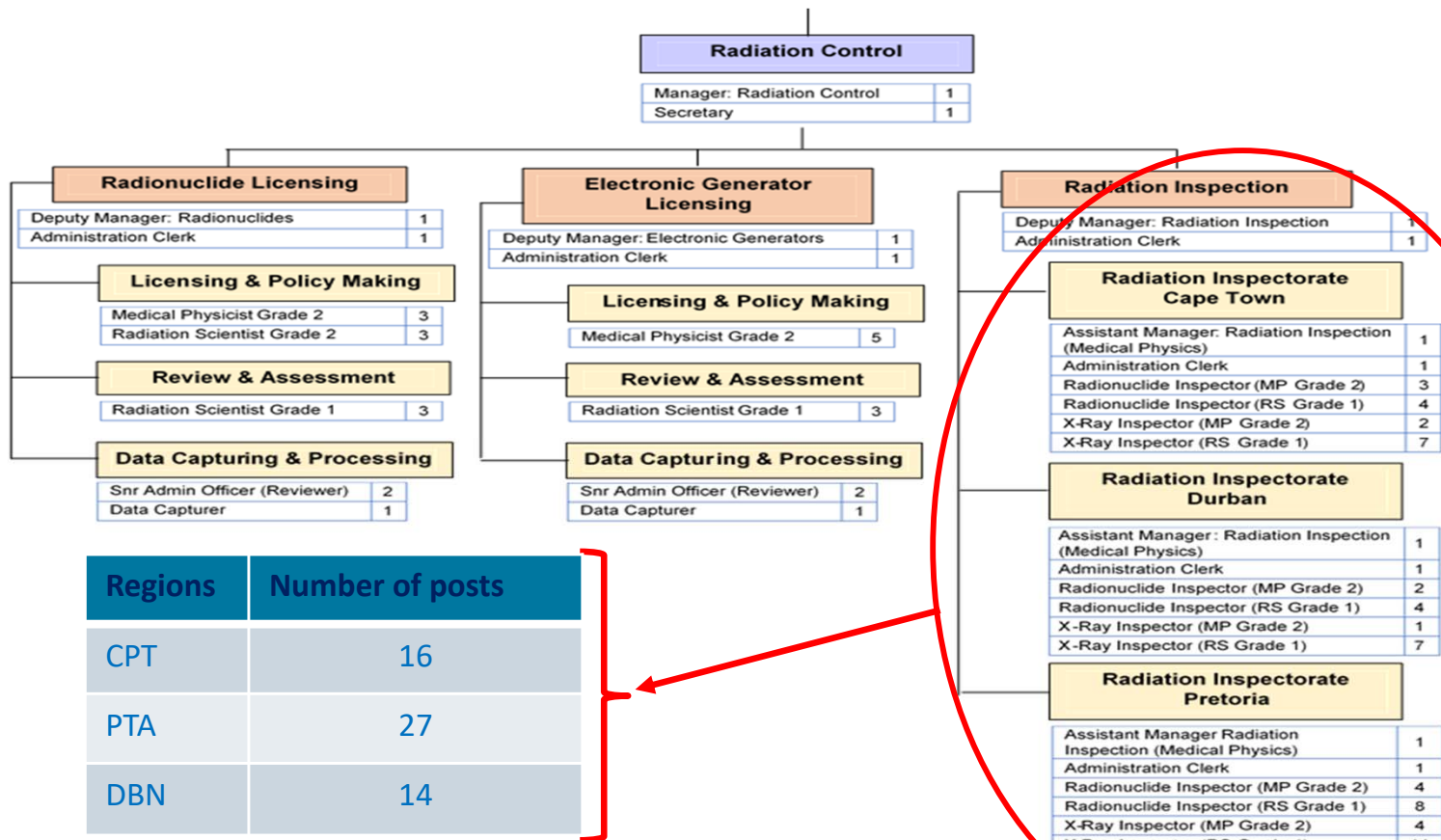
Inspectorate scope of work

Categories (Sub-units)	Number of classifications	Number of license holders
Radionuclides	34	2874
X-ray	23	10350
NIRMED	1 MRI	595
Total	58	13819

TABLE 1. SUGGESTED INSPECTION FREQUENCIES

Use	Inspection Frequency (years)
Dental radiography	5
Nuclear medicine	1-2
Radiotherapy	1
Diagnostic radiology – centres with complex equipment (e.g. computed tomography, interventional radiology, fluoroscopy, mammography)	2-3
Diagnostic radiology – centres with conventional X ray equipment only	3-5
Industrial radiography	1
Irradiators (i.e. industrial)	1
Irradiators (i.e. research)	3-5
Radiation gauges	3-5
Well logging	1-3

Radiation Control Organogram



Thank you so much
Phineas Mahlangu

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