

BSS- Basic Safety Standards Implementation in Belgium

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Basic safety standards for protection against the dangers arising from exposure to ionising radiation

- 89/618/Euratom- Radiological Emergency
 - Informing the public on measures in the event of a radiological emergency
- 90/641/Euratom- Outside Workers
- 96/29/Euratom- BSS
- 97/43/Euratom – Medical Exposures
- 2003/122/Euratom- HASS
- Recommendation:
 - (Radon Recommendation 90/143/Euratom)

BSS- Basic safety standards

Considering (5) :

- As recognised by the Court of Justice of the European Union in its case-law, the tasks imposed on the Community by point (b) of Article 2 of the Euratom Treaty to lay down uniform safety standards to protect the health of workers and the general public does not preclude, unless explicitly stated in the standards, a Member State from providing for more stringent measures of protection. As this Directive provides for minimum rules, **Member States should be free to adopt or maintain more stringent measures in the subject-matter covered by this Directive**, without prejudice to the free movement of goods and services in the internal market as defined by the case-law of the Court of Justice.

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BSS- Basic safety standards

- Historically a high level of radiation protection exists : BE, LUX, FR, NL,...
- Level of Harmonisation ↓ :
 - *Where appropriate, depending on national legislation, ...*
 - *Radon, Buildings codes, NORM, RPO/RPE,...*
- Free movement of persons, goods and services
 - Some consumer goods forbidden in Belgium → How verified?

FANC → Transposition

- Inventory of regulatory Projects:
 - Review of Health Physics Department
 - Revision of chapter on Medical Applications
 - Dose constraints (medical and veterinary)
 - Consumer Goods
 - ...
- In close relation with actions in the framework of IRRS and Strategic Plan
- Possibly large project for review of basic Law and royal decree ?

Exposures Situations

ICPR 103 : rather than processes: practices/interventions

1. Planned exposure situations

- Practices
- New source or new pathway of exposure resulting from the activity:
 - NORM
 - operation of aircraft

2. Existing exposure situations

- Already existing when the decision on control has to be taken
- Indoor Radon exposure
- commodities managed together with the exposure situation:
 - building materials (gamma exposure, radon exhalation)
 - foodstuffs (post-accidental situation)

3. Emergency exposure situations

- Requiring urgent attention (unexpected situations, malicious acts)

Additional Topics/Scope

- Justification:
 - New equipment
 - Consumer Goods
 - Generic Justification
 - 3 levels of justification for medical applications
- Optimisation:
 - reference levels:
 - Medical
 - Existing exposure situation
 - Contaminated sites
 - Dose Constraints
- Graded approach for planned exposure situations:
 - Notifications/declarations
 - “Generic License”
 - Administrative simplification (CIS, Sharepoint,...)



Additional Topics/Scope (2)

- Exposures:
 - Outside workers
 - Emergency worker
 - Radon workplaces
 - Air and space crew
- Training and Information
 - RPE
 - RPO
 - Medical Applications
 - External Worker, Emergency Worker
 - HASS

Additional Topics/Scope (3)

- Radon (workplace, dwellings)
- Building materials
- Living in contaminated territory
- Exemption
- Clearance
- NORM Residues

Reference Levels

Institutional infrastructure

- Competent authority
 - Communication to the Commission
 - Publication by the Commission
- Recognition of services and experts
 - Occupational health services
 - Dosimetry services
 - Radiation protection experts (RPE)
 - Medical physics experts
 - Specify the recognition requirements and communicate these to the Commission
- Radiation protection officer (RPO)
 - Tasks within undertakings, necessary means, reporting directly to the undertaking

Enforcement and Inspection

- Systematic inspection programme
- Findings available to the public
- Information to relevant parties of lessons learned from inspection and from incidents and accidents

Transposition

- International:
 - Regulatory bodies
 - ENSREG
 - Herca :
 - Emergency WG
 - Medical Applications
 - Non-medical sources/practices
 - Surveillance of collective doses from med. exposures
 - Passbook & Outside workers
 - European Radon Association

Transposition

- Competent authorities in Belgium?
 - Regions
 - SPF
 - FANC
 - Superior Health Council
 - Scientific Committee
 - Stakeholders
 - ...

Organisation

Internal:

- Cross Reference Tables (04/2014)
- Gap between existing regulations and BSS (03/2014)
- Needs within framework of IRRS (06/2014)
- Information to all departments within FANC (03/2014)
- Strategic Note (06/2014)

External:

- International: HERCA, ENCO, ...
- Bilateral Exchange (Lux, FR, NL, Others)



Questions?