



# Regulatory framework for the health physics organisation

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[www.fanc.fgov.be](http://www.fanc.fgov.be)

# Concept

## Internal health physics department

Mission =

1. all measures in place to ensure the adequate protection workers/public/environment
2. measures adequate? ~ risks present in installation

NOT:

- medical surveillance of personnel
- surveillance of patients

Link with:

Qualified Health Physics Expert (direct link)

Prevention (overarching risk analysis)

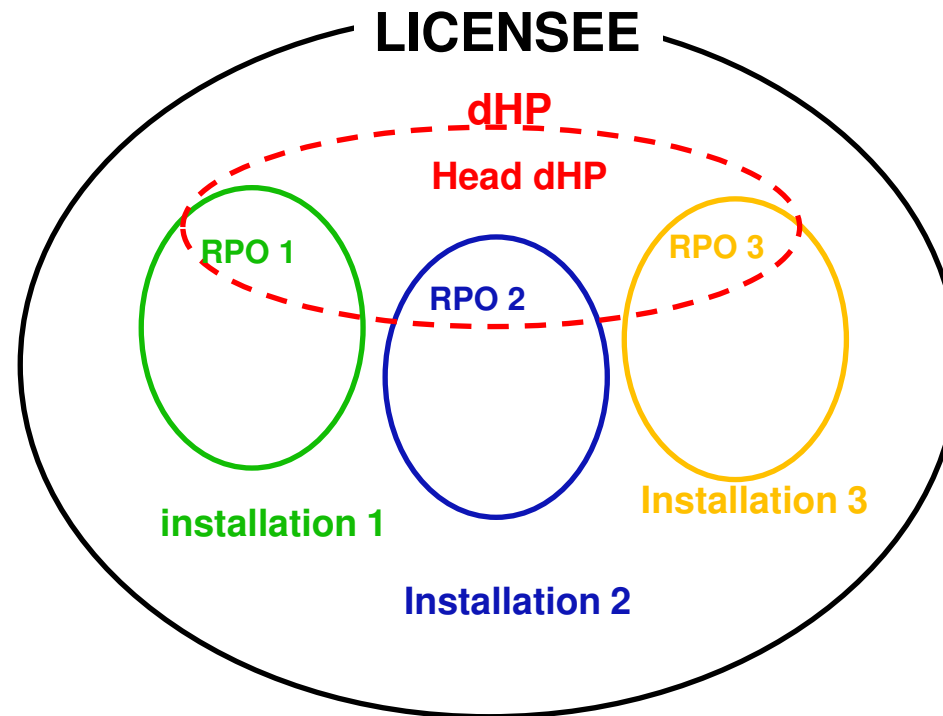
Medical physics (communication)

Occupational physician (communication)



# Concept: example

## UNDERTAKING X



# Tasks and responsibilities

3 types of tasks (art. 23.1.5 / 23.2.6 of ARBIS/RGPRI)

1. Frequent and systematic execution of the radiation protection tasks in the workplace:  
**Radiation Protection Officer/Agent (RPO)**
2. Specific tasks that require the intervention of a  
**Qualified Health Physics Expert (RPE)**
3. Specific tasks for Class I facilities

**Internal RPE** – possible for all class facilities

**External RPE** – possible for transport organisations or Class II/III facilities

# Radiation protection Officer

“ Eyes and ears on site”

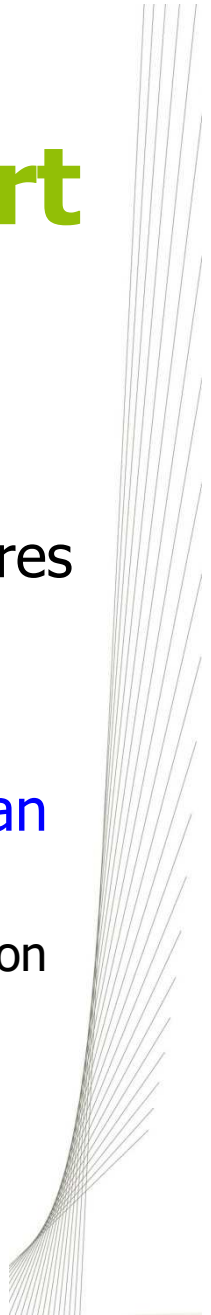
- part of the staff of the undertaking
- frequent / systematic tasks
  - based on working procedures approved by QHPE
- part of the Health Physics department
- Appropriate education and training
  - Associated to the type of practices/installations
  - Approved by QHPE



# Qualified Health Physics Expert

## Specific tasks for the RPE:

1. Examen and approve the **risk analysis**  
→ prevention measures and appropriate protection measures
2. Tasks with regards to **radiation protection / nuclear safety**
3. ...
4. Determining **in collaboration with the occupational physician**
  1. Results of the individual dosimetric surveillance
  2. Radioactive contamination of people that resulted in decontamination measures with a medical intervention
5. Surveillance of the **execution of the health surveillance programme**
6. **Periodic evaluations** on site: frequency associated to risk



# Role of the occupational physician in the system

- Role of the occupational physician hasn't changed with the health physics reform
- Health surveillance of workers:
  - QHPE has to make sure that all examinations and measures (including medical examinations) and dosimetry necessary to monitor the workers exposure are planned and adapted to the working place

This is done **in consultation** with the occupational physician

⇒ **COMMUNICATION!**





