

## CRITERIA FOR APPROVAL OF SERVICES IN THE FIELD OF RADIATION PROTECTION AND NUCLEAR SAFETY

### **A. Dosimetry Services**

For the approval of Dosimetry Services, the following must be met:

1. Personnel: The staff should have education and training in dosimetry and use of related equipment.
2. Equipment: appropriate personal dosimetry systems and adequate number of dosimeters, depending on the type and size of the services offered.
3. Implementation of quality assurance program that includes the following:
  - a) description of the laboratory (staff, premises, equipment);
  - b) education/training of staff;
  - c) calibration procedures of equipment;
  - d) a description of the methodology used (measurements, frequency, results announcement, registration data and incident investigation levels);
  - e) quality control programs, record's management, information of workers, documenting the methodology followed;
  - f) the results of participation in European or international inter-comparison exercises.
4. Archiving and sending results to licensees/workers and report results to the Radiation Inspection and Control Service (RICS) in a form and frequency to be determined by the RICS. Electronic recording and records in paper and electronic form and approved by the RICS.

The assessment will take into account, inter alia, European and international standards or recommendations such as eg.:

- EC Radiation Protection 160 "Technical recommendations for monitoring individuals occupationally exposed to external radiation";
- IAEA RS-G-13 "Assessment of occupational exposure due to external sources of radiation" and
- ISO 17025:2005 "General requirements for the competence of testing and calibration laboratories".

### **B. Occupational Health Services**

For the approval of Occupational Health Services, the following criteria according to the current practice shall be met. As far as the necessary equipment is concerned, it may be provided by the Institution or by the Qualified Expert where the existence and ownership of the equipment shall be left to the agreement between the institution and the Qualified Expert or the Medical Physics Expert.

For the approval of Occupational Health Services, the following must be met:

1. Personnel: at least one Qualified Expert in the service sector. Existence operators with recognized competence in radiation protection from the RICS.

2. Equipment: survey meters, contamination monitors, active personal dosimeters, individual monitoring by passive detectors from an accredited laboratory, personal protective equipment.

### **C. Qualified Expert Services**

For the recognition of a Qualified Expert the following must be met:

Qualifications/Criteria for recognition:

- Degree or diploma or qualification or an equivalent qualification in subjects of science, applied sciences or engineering.
- Postgraduate education, theoretical and practical education and training in the areas of their expertise.
- The candidate's practical training and experience is judged by the RICS on a case-by-case basis, based on his/her resume, personal interview and the type of practice for which he/she will act and/or provide advice on radiation protection as defined in the Legislation.
- Personal interview.

The evaluation of the above will be based on European and international standards and the IAEA Safety Guide No. RS-G-1.4.

### **D. Medical Physics Expert**

For the recognition of a Medical Physics Expert the following must be met:

Qualifications/Criteria for recognition:

- Registered medical physicist in the Registry of Medical Physicists in Cyprus.
- Appropriate residency and experience.
- Personal interview if deemed necessary.