

# MINISTRY OF HEALTH AND SOCIAL WELFARE

2446

Pursuant to Article 36 paragraph 2 of the Act on Ionising Radiation Protection and Safety of Ionising Radiation Sources (Official Gazette 64/06) the Minister of Health and Social Welfare hereby issues the

## ORDINANCE

### ON THE LIST OF PROFESSIONAL IONISING RADIATION PROTECTION ACTIVITIES, REQUIREMENTS TO BE FULFILLED BY AUTHORISED TECHNICAL SERVICES AND THE METHOD OF GRANTING AUTHORISATION

#### Article 1

This Ordinance prescribes professional activities for protection against ionising radiation, requirements to be fulfilled by authorised technical services and the method of granting authorisation to technical services for performing ionising radiation protection activities.

#### Article 2

Professional ionising radiation protection activities for which authorisation is required are the following:

1. measuring personal irradiation of exposed workers or persons who are trained or educated for work with sources of ionising radiation (personal dosimetrics);
2. testing x-ray devices, accelerators and other electric devices generating ionising radiation, as well as providing opinions including a hazard assessment on the basis of measurement and calculation;
3. testing closed radioactive sources and devices with radioactive sources, and providing opinions including a hazard assessment on the basis of measurement and calculation;
4. testing facilities where work with ionising radiation sources is conducted, as well as preparation of documents with the hazard assessment in relation to premises and facilities where activities involving ionising radiation sources are performed;
5. testing and monitoring the type and activity of radioactive substances in the air, soil, the sea, rivers, lakes, ground waters, solid and liquid precipitation, drinking water, foodstuffs and general use items;
6. testing concentrations of radon and radon descendants in the air.

#### Article 3

Professional ionising radiation protection activities may be performed by a technical service authorised by the State Office for Radiation Protection.

#### Article 4

For the purpose of obtaining authorisation for performing professional ionising radiation protection activities a professional technical service must:

1. be registered at the Commercial Court for the performance of professional ionising radiation protection activities ;
2. employ at least two persons with a university degree with at least five years of work experience in ionising radiation protection activities;
3. provide measuring of personal irradiation, medical supervision and special professional training regarding the application of measures for protection against ionising radiation for workers working with ionising radiation sources,
4. have at its disposal, either through ownership or lease, working facilities which enable performance of activities for which authorisation is requested,
5. have at its disposal measuring devices and other equipment necessary for performing activities for which the authorisation is requested, calibrated in line with positive regulations,
6. have elaborated application procedures (methodology) in relation to activities for which the authorisation is requested,
7. be accredited in line with the HRN EN ISO/IEC 17025 standard for measuring methods required for performing professional ionising radiation protection activities.

#### Article 5

The measuring methods referred to in paragraph 4 item 7 of this Ordinance that a professional technical service has to accredit are:

1. measuring Hp(10) with personal dosimeters for professional ionising radiation protection activities referred to in Article 2 item 1 of this Ordinance;
2. measuring dosimeter values in an outgoing beam of an x-ray device, that is kerma in the air, velocity of kerma in the air, product of dose and field length, and product of dose and field area for professional ionising radiation protection activities referred to in Article 2 item 2 of this Ordinance;
3. measuring spatial dose equivalent (H\*(10) and velocity of spatial dose equivalent (H\*(10)/t) with portable measuring devices of ionising radiation for professional ionising radiation protection activities referred to in Article 2 item 3 and 4 of this Ordinance;
4. application of high resolution gamma spectrometry for professional ionising radiation protection activities referred to in Article 2 item 5 of this Ordinance;
5. measuring radon and radon descendant concentration for professional ionising radiation protection activities ionising radiation referred to in Article 2 item 6 of this Ordinance.

#### Article 6

A professional technical service that fulfils the requirements referred to in Article 4 of this Ordinance shall submit the application for granting authorisation for performing professional ionising radiation protection activities to the State Office for Radiation Protection.

The following shall be attached to the application:

1. excerpt from the Commercial Court registry,
2. list of workers who will perform professional ionising radiation protection activities with evidence on their educational qualifications and work experience in ionising radiation protection activities,

3. evidence that measuring of personal irradiation, medical supervision and special professional training in relation to the application of measures for protection against ionising radiation has been provided for workers working with ionising radiation sources,
4. evidence on the fulfilment of requirements in relation to facilities and technical equipment,
5. list of measuring devices required for performing tasks for which the authorisation is requested,
6. elaborated application procedures (methodology) in relation to activities for which the authorisation is requested,
7. notarised copy of the accreditation certificate in line with the HRN EN ISO/IEC 17025 standard for measuring methods required for performing to activities for which the authorisation is requested.

#### Article 7

In the procedure of issuing the accreditation certificate in line with the HRN EN ISO/IEC 17025 standard, the accreditation body shall assess competency and equipment of a professional technical service pursuant to the provisions of the Ordinance referred to in Article 29 paragraph 1 of the Act on Ionising Radiation Protection and Safety of Ionising Radiation Sources.

#### Article 8

On the basis of a written application and attached documentation, the State Office for Radiation Protection shall issue a decision which authorises a professional technical service for performing specific professional activities for protection against ionising radiation.

#### Article 9

The decision referred to in Article 8 of this Ordinance shall be issued for a period compatible with the validity of the accreditation certificate issued in line with the HRN EN ISO/IEC 17025 standard.

Three months prior to the expiry of the period referred to in paragraph 1 of this Article, the procedure for obtaining authorisation shall be renewed upon an application submitted by an authorised professional technical service.

#### Article 10

The State Office for Radiation Protection shall revoke the authorisation for performing specific professional activities for protection against ionising radiation issued to a professional technical service even before the expiry of the period referred to in Article 7 of this Ordinance if it is established, through inspectional supervision, that it has ceased to fulfil the prescribed requirements or if it fails to remove the established irregularities within the period prescribed by the decision on inspectional supervision.

#### Article 11

The list of authorised professional technical services shall be published in the Official Gazette and on the web site of the State Office for Radiation Protection.

#### Article 12

Decisions which authorise legal persons for performing professional activities for protection against ionising radiation shall remain in force pursuant to Article 56 of the Act on Ionising Radiation Protection and Safety of Ionising Radiation Sources.

Legal persons referred to in paragraph 1 of this Article shall submit the application for the issuing of a decision, within the meaning of Article 8 of this Ordinance, 6 months prior to the expiry of the above mentioned period.

#### Article 13

The State Office for Radiation Protection shall keep the Registry on authorised professional technical services.

Authorised professional technical services registered in the Registry shall report all changes which have emerged under the conditions prescribed by this Ordinance to the State Office for Radiation Protection as well as provide evidence thereon.

#### Article 14

This Ordinance shall enter into force on the eighth day from the day of its publication in the Official Gazette.

Class: 011-02/07-01/11

No: 534-07-01-07-1

Zagreb, 17 July 2007

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