

# JOURNAL OF LAWS OF THE REPUBLIC OF POLAND

---

Warsaw, 27 August 2021

Item 1577

## REGULATION OF THE COUNCIL OF MINISTERS

of 11 August 2021

### on nuclear regulatory inspectors<sup>1</sup>

Based on art. 71 of the Act of 29 November 2000 - Atomic Law (Dz. U. 2021 items 623 and 784), it is ordered as follows:

**§ 1.** The regulation shall define:

- 1) detailed conditions for completing an apprenticeship by a candidate for a nuclear regulatory inspector, hereinafter: the ‘candidate’;
- 2) the procedure of confirming the completion of the apprenticeship mentioned in point 1;
- 3) the manner and procedure of conducting a qualifying examination for a nuclear regulatory inspector, hereinafter: the ‘examination’;
- 4) detailed duties of the examination board;
- 5) the amount of remuneration of the examination board;
- 6) a template of a certificate of passing the examination;
- 7) documents attached to an application for being appointed as a nuclear regulatory inspector.

**§ 2. 1.** An apprenticeship of a candidate for the 1<sup>st</sup> degree nuclear regulatory inspector shall take at least 9 months, and it shall proceed according to an apprenticeship programme developed individually for the candidate by the President of the National Atomic Energy Agency, hereinafter: the ‘President of the Agency’.

2. The apprenticeship mentioned in paragraph 1 shall last at least 3 months, taking place in organizational entities performing the activities mentioned in art. 4 paragraph 1 of the Act of 29 November 2000 - Atomic Law, hereinafter: the ‘Act’, in foreign entities performing similar activities, or foreign nuclear regulatory authorities. The remainder of the apprenticeship shall be completed in the National Atomic Energy Agency, hereinafter: the ‘Agency’.

3. An apprenticeship of a candidate for the 2<sup>nd</sup> degree nuclear regulatory inspector shall take at least 15 months, and it shall proceed according to an apprenticeship programme developed individually for the candidate by the

<sup>1</sup> Within the scope of its regulation, the present regulation implements Council Directive 2009/71/Euratom of 25 June 2009 establishing a Community framework for the nuclear safety of nuclear installations (Official Journal of the EU L 172 of 2 July 2009, p. 18, Official Journal of the EU L 260 of 3 October 2009, p. 40, and Official Journal of the EU L 219 of 25 July 2014, p. 42).

President of the Agency:

- 1) in organizational entities performing the activities mentioned in art. 4 paragraph 1 of the Act, in foreign entities performing similar activities, or in foreign nuclear regulatory authorities, including:
  - a) at least 3 months in relation to the activities mentioned in art. 4 paragraph 1 point 2 or 3 of the Act,
  - b) at least 3 months in relation to the activities mentioned in art. 4 paragraph 1 points 1 and 4–17 of the Act, and
- 2) for the remainder of the time—in the Agency.

4. An apprenticeship of a candidate for a nuclear regulatory inspector for safeguards shall take at least 6 months, and it shall proceed according to an apprenticeship programme developed individually for the candidate by the President of the Agency:

- 1) at least 2 months in:
  - a) organizational entities subject to the requirements of safeguards, or
  - b) foreign entities subject to the requirements of safeguards, or
  - c) foreign nuclear regulatory authorities, the International Atomic Energy Agency, or the European Commission, in relation to nuclear technologies control or safeguards, and
- 2) for the remainder of the time—in the Agency.

**§ 3.** 1. A candidate's apprenticeship outside the Agency shall be based on an agreement signed between the Agency and a competent entity, as mentioned in § 2 paragraphs 2–4.

2. The agreement mentioned in paragraph 1 shall establish the organization of the apprenticeship, in particular: the place of the apprenticeship, its duration, the substantive scope, and the conditions of occupational health and safety.

**§ 4.** 1. The course of the apprenticeship shall be documented in an apprenticeship logbook.

2. The apprenticeship logbook maintained by a candidate shall include in particular the following information:

- 1) the given and middle name, surname, and the PESEL number of the candidate, and in the case of a candidate not having a PESEL number—the series, number, and name of a document confirming their identity;
- 2) the start and end date of the apprenticeship;
- 3) information about the course of the apprenticeship, and the actions performed during its course.

**§ 5.** The President of the Agency shall confirm completion of an apprenticeship by an entry in the apprenticeship logbook.

**§ 6.** The duties of the examination board include:

- 1) preparing examination questions;
- 2) conducting the examination;
- 3) marking the examination;
- 4) preparing a report on the examination.

**§ 7.** For participating in the work of the examination board, a member of the examination board shall receive remuneration in an amount of:

- 1) 300 zlotys for each person taking an examination for the 1<sup>st</sup> degree nuclear regulatory inspector;
- 2) 400 zlotys for each person taking an examination for the 2<sup>nd</sup> degree nuclear regulatory inspector;
- 3) 200 zlotys for each person taking an examination for a nuclear regulatory inspector for safeguards.

**§ 8.** An examination for the 1<sup>st</sup> degree nuclear regulatory inspector shall consist of two parts:

- 1) a written part, including 3 computational or analytical problems, addressing issues related to activities subject to nuclear regulatory oversight in terms of their impact on the population and the environment, involving:

- a) nuclear chemistry and physics, with respect to nuclear transformations as well as physical and biological bases of the impact of ionising radiation, and the general principles for using ionising radiation,
  - b) international conventions, the atomic law, the code of administrative proceedings, and other provisions related to nuclear safety and radiation protection, valid in the Republic of Poland,
  - c) the devices and technologies used in the activities mentioned in art. 4 paragraph 1 of the Act, especially their elements important in terms of nuclear safety and radiation protection, and in the case of medical devices—also in terms of radiation protection of patients,
  - d) the principles of radiation protection, dosimetric equipment, and inspection methods used in radiation protection,
  - e) regulatory procedures, in particular related to the issuance of licenses, reviewing and assessing the nuclear safety and radiation protection of the oversight activities,
  - f) the preparation and performance of inspections, the preparation of inspection reports, as well as the issuance of orders and bans for specific actions, and the recommendations mentioned in art. 68a of the Act;
- 2) an oral part, including 6 questions drawn by the candidate from a set of 100 questions covering the scope mentioned in point 1.

**§ 9.** An examination for the 2<sup>nd</sup> degree nuclear regulatory inspector shall consist of two parts:

- 1) a written part, including 4 computational or analytical problems, addressing issues related to activities subject to nuclear regulatory oversight in terms of their impact on the population and the environment, involving:
  - a) nuclear chemistry and physics, with respect to nuclear transformations as well as physical and biological bases of the impact of ionising radiation, and the general principles for using ionising radiation,
  - b) international conventions, the atomic law, the code of administrative proceedings, and other provisions related to nuclear safety and radiation protection, physical protection and safeguards, valid in the Republic of Poland,
  - c) the devices and technologies used in the activities mentioned in art. 4 paragraph 1 of the Act, especially their elements important in terms of nuclear safety and radiation protection,
  - d) the principles of radiation protection, dosimetric equipment, and inspection methods used in radiation protection,
  - e) regulatory procedures, in particular related to the issuance of licenses, reviewing and assessing the nuclear safety, radiation protection, and physical protection of the overseen activities,
  - f) the preparation and performance of inspections, the preparation of inspection reports, as well as the issuance of orders and bans for specific actions, and the recommendations mentioned in art. 68a of the Act,
  - g) the basics of reactor physics, the basics of heat exchange, the management of nuclear fuel and radioactive waste, including such elements of the nuclear fuel cycle as: the technologies of producing nuclear fuel and other nuclear materials, the consumption of nuclear fuel in a nuclear facility, technologies used when processing spent nuclear fuel and radioactive waste, and the disposal of radioactive waste,
  - h) elements of technical documentation, as well as planning and operational characteristics of the overseen facilities, including their I&C systems, as well as emergency systems;
- 2) an oral part, including 8 questions drawn by the candidate from a set of 150 questions covering the scope mentioned in point 1.

**§ 10.** An examination for a nuclear regulatory inspector for safeguards shall consist of two parts:

- 1) a written part, including 2 computational or analytical problems, addressing issues related to activities subject to nuclear regulatory oversight in terms of their impact on the population and the environment, involving:
  - a) nuclear chemistry and physics, with respect to nuclear transformations as well as physical and biological bases of the impact of ionising radiation, and the general principles for using ionising radiation,

- b) international conventions, the atomic law, the code of administrative proceedings, and other provisions related to physical protection and safeguards, valid in the Republic of Poland,
  - c) preparation for the performance of inspections, the preparation of inspection reports, as well as the issuance of orders and bans for specific actions, and the recommendations mentioned in art. 68a of the Act,
  - d) regulatory procedures, in particular related to reviewing and assessing nuclear technologies, the national accounting and control system for nuclear materials, as well as planning and operating documentation including basic technical characteristics of a facility indicated in the provisions of the European Union on safeguards;
- 2) an oral part, including 4 questions drawn by the candidate from a set of 50 questions covering the scope mentioned in point 1.

**§ 11.** The President of the Agency shall determine the time and place of the examination, and shall inform the candidate about the time and place of the examination in writing, at least one month before the specified date.

**§ 12. 1.** The written part of an examination for a nuclear regulatory inspector:

- 1) of the 1<sup>st</sup> degree—shall take 90 minutes;
- 2) of the 2<sup>nd</sup> degree—shall take 120 minutes;
- 3) for safeguards —shall take 60 minutes.

2. For the written part of the examination, the examination board shall award points on a scale of 0 to 10 for solving each computational or analytical problem.

3. A positive mark for the written part of the examination shall be given to a candidate who has been awarded at least 60% of the available points.

4. For the oral part of the examination, the examination board shall award points on a scale of 0 to 5 for an answer to each question.

5. A positive mark for the oral part of the examination shall be given to a candidate who has been awarded at least 60% of the available points.

6. A candidate shall take the oral part of the examination if they are given a positive mark for the written part of the examination.

7. The result of the candidate's examination shall be positive when each part of the examination is given a positive mark.

8. The examination board shall prepare a report on the examination, which shall include at least:

- 1) the number of the report, and the date of its preparation;
- 2) the given and middle name, surname, and the PESEL number of the candidate, and in the case of a candidate not having a PESEL number—the series, number, and name of a document confirming their identity;
- 3) the subjects and results of the written part of the examination, specifying the number of the awarded points;
- 4) the content of the questions in the oral part of the examination, specifying the total number of points awarded to the candidate, and the number of points for answering each question;
- 5) information about the positive or negative result of the examination;
- 6) the full names and signatures of the head of the examination board, and the remaining members of the examination board.

**§ 13. 1.** The head of the examination board shall give a candidate who has completed the examination with a positive result a certificate of passing the qualifying examination for the 1<sup>st</sup> and 2<sup>nd</sup> degree nuclear regulatory inspector, and an inspector for safeguards, respectively.

2. The template of a certificate of passing the qualifying examination for a nuclear regulatory inspector:

- 1) of the 1<sup>st</sup> degree — shall be established in appendix no. 1 to the regulation;

- 2) of the 2<sup>nd</sup> degree — shall be established in appendix no. 2 to the regulation;
- 3) for safeguards — shall be established in appendix no. 3 to the regulation.

**§ 14.** The following shall be attached to an application for being appointed a nuclear regulatory inspector:

- 1) a diploma of higher education in physics, chemistry, technical or other fields of study, in courses useful in nuclear regulatory activities;
- 2) information from the National Criminal Record about the candidate's fulfilment of the condition mentioned in art. 65 paragraph 1 point 2 of the Act;
- 3) a medical statement of the absence of contraindications to work under the conditions of exposure, as mentioned in art. 65 paragraph 1 point 4 of the Act;
- 4) the certificate mentioned in § 13 paragraph 1.

**§ 15.** The current provisions shall apply to the apprenticeships of candidates for the 1<sup>st</sup> or 2<sup>nd</sup> degree nuclear regulatory inspector started and unfinished by the date of entry into force of the present regulation.

**§ 16.** The regulation of the Council of Ministers of 24 August 2012 on nuclear regulatory inspectors shall be repealed (Dz. U. item 1014, and 2016 item 29).

**§ 17.** The regulation shall enter into force 14 days after its promulgation.

Prime Minister: *M. Morawiecki*

Appendices to Regulation of the Council of Ministers  
of 11 August 2021 (item 1577)

**Appendix no. 1**

THE TEMPLATE OF A CERTIFICATE OF PASSING A QUALIFYING EXAMINATION FOR THE 1<sup>ST</sup>  
DEGREE NUCLEAR REGULATORY INSPECTOR

CERTIFICATE no. ...

Pursuant to § 13 paragraph 1 of Regulation of the Council of Ministers of 11 August 2021 on nuclear regulatory inspectors (Dz. U. item 1577), it is certified that

Mr(s) .....

(full name)

.....

(the PESEL number, and in the case of a person not having a PESEL number—the series, number, and name of a document  
confirming the identity)

on ..... passed a qualifying examination for the 1<sup>st</sup> degree nuclear regulatory  
inspector.

Signature of the head of the examination board:

Warsaw, on .....

Appendix no. 2

THE TEMPLATE OF A CERTIFICATE OF PASSING A QUALIFYING EXAMINATION FOR THE 2<sup>ND</sup>  
DEGREE NUCLEAR REGULATORY INSPECTOR

CERTIFICATE no. ...

Pursuant to § 13 paragraph 1 of Regulation of the Council of Ministers of 11 August 2021 on nuclear regulatory inspectors (Dz. U. item 1577), it is certified that

Mr(s) .....

(full name)

.....

(the PESEL number, and in the case of a person not having a PESEL number—the series, number, and name of a document  
confirming the identity)

on ..... passed a qualifying examination for the 2<sup>nd</sup> degree nuclear regulatory inspector.

Signature of the head of the examination board:

Warsaw, on .....

**Appendix no. 3**

**THE TEMPLATE OF A CERTIFICATE OF PASSING A QUALIFYING EXAMINATION FOR A NUCLEAR  
REGULATORY INSPECTOR FOR SAFEGUARDS**

CERTIFICATE no. ...

Pursuant to § 13 paragraph 1 of Regulation of the Council of Ministers of 11 August 2021 on nuclear regulatory inspectors (Dz. U. item 1577), it is certified that

Mr(s) .....

(full name)

.....

(the PESEL number, and in the case of a person not having a PESEL number—the series, number, and name of a document  
confirming the identity)

on ..... passed a qualifying examination for a nuclear regulatory inspector for safeguards.

Signature of the head of the examination board:

Warsaw, on .....