

Revision of special education rules for decontamination works

(Comparison of Current and Revised Provisions)

- Special education rules for decontamination works

(Ministry of Health, Labour and Welfare Notification No. 469, 2011)

(Revised parts underlined)

Revised Provisions			Current Provisions														
<p><u>Special education rules for decontamination works and works under a designated dose rate</u></p> <p><u>(Implementation of special education for decontamination works)</u></p> <p>Article 1 The special education in accordance with Paragraph 1 of Article 19 of the Ordinance on Prevention of Ionizing Radiation Hazards at Works to Decontaminate Soil and Wastes Contaminated by Radioactive Materials Resulting from the Great East Japan Earthquake and Related Works (“Ordinance for Decontamination”) shall be provided through lectures and practice training.</p> <p><u>Lectures for decontamination works</u></p> <p>Article 2 The lectures ruled in Article 1 shall provide the education for each subject listed in the left column of the following table, in the scope described in the middle column, for the minimum period specified in the right column.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Scope</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td><u>Knowledge about the effects of ionizing radiation on living bodies and control methods of radiation exposure doses</u></td> <td>The following shall be covered for the <u>decontamination workers (excluding the workers engaged in works for handling designated contaminated soil and wastes, specified in Paragraph 3 of Article 7 of the Ordinance for Decontamination (hereinafter referred to simply as “works for handling designated contaminated soil and wastes”), only on the area where the average ambient dose rate is lower than 2.5 μSv/h, as specified in Paragraph 8 of Article 2 of the said Ordinance):</u> <u>Types and nature of ionizing radiation; the effects of ionizing radiation on the cells, tissues, organs, and whole living bodies; radiation exposure dose limits; measurement methods of radiation</u></td> <td><u>1 hour</u></td> </tr> </tbody> </table>			Subject	Scope	Duration	<u>Knowledge about the effects of ionizing radiation on living bodies and control methods of radiation exposure doses</u>	The following shall be covered for the <u>decontamination workers (excluding the workers engaged in works for handling designated contaminated soil and wastes, specified in Paragraph 3 of Article 7 of the Ordinance for Decontamination (hereinafter referred to simply as “works for handling designated contaminated soil and wastes”), only on the area where the average ambient dose rate is lower than 2.5 μSv/h, as specified in Paragraph 8 of Article 2 of the said Ordinance):</u> <u>Types and nature of ionizing radiation; the effects of ionizing radiation on the cells, tissues, organs, and whole living bodies; radiation exposure dose limits; measurement methods of radiation</u>	<u>1 hour</u>	<p><u>Special education rules for decontamination works</u></p> <p><u>(Implementation of special education)</u></p> <p>Article 1 The special education in accordance with Paragraph 1 of Article 19 of the Ordinance on Prevention of Ionizing Radiation Hazards at Works to Decontaminate Soil and Wastes Contaminated by Radioactive Materials Resulting from the Great East Japan Earthquake and Related Works (“Ordinance for Decontamination”) shall be provided through lectures and practice training.</p> <p><u>Lectures</u></p> <p>Article 2 The lectures ruled in Article 1 shall provide, the education for each subject listed in the left column of the following table in the scope described in the middle column, for the minimum period specified in the right column.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Scope</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td><u>Knowledge about the effects of ionizing radiation on living bodies and control methods of exposure doses</u></td> <td><u>Types and nature of ionizing radiation; the effects of ionizing radiation on the cells, tissues, organs, and whole living bodies; exposure dose limits; measurement methods of radiation exposure doses; methods of verification and recording of the measured dose</u></td> <td><u>1 hour</u></td> </tr> </tbody> </table>			Subject	Scope	Duration	<u>Knowledge about the effects of ionizing radiation on living bodies and control methods of exposure doses</u>	<u>Types and nature of ionizing radiation; the effects of ionizing radiation on the cells, tissues, organs, and whole living bodies; exposure dose limits; measurement methods of radiation exposure doses; methods of verification and recording of the measured dose</u>	<u>1 hour</u>
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	<p><u>exposure doses; methods of verification and recording of the measured dose</u></p> <p>The following shall be covered for the workers engaged in works for handling designated contaminated soil and wastes exempted from the dose management; <u>Types and nature of ionizing radiation, the effects of ionizing radiation on the cells, tissues, organs, and whole living bodies, and exposure dose limits</u></p>	1 hour			
				N/A	N/A
<u>Knowledge about the methods of decontamination related works</u>	<p>The following shall be covered for workers engaged in works of decontamination of soil, etc.:</p> <p><u>Methods and steps of works of decontamination of soil, etc.; methods of radiation measurement, methods for monitoring equivalent dose rates from external radiation; methods for preventing contamination; methods for inspecting body contamination, etc. and for its decontamination; performance of protective equipment and its usage; and emergency measures to take in an abnormal event</u></p>	1 hour	<u>Knowledge about the methods of decontamination related works</u>	The following shall be covered for workers engaged in works of decontamination of soil, etc.:	1 hour
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	<p>The following shall be covered for the workers engaged in collection, transportation and storage of the removed soil (hereinafter referred to as “works for collecting removed soil, etc.”):</p> <p><u>Methods and steps of works for collecting removed soil, etc., methods of radiation measurement; methods for monitoring equivalent dose rates from external radiation; methods for preventing contamination; methods for inspecting body</u></p>	1 hour		<p>The following shall be covered for the workers engaged in collection, transportation and storage of the removed soil (hereinafter referred to as “works for collecting removed soil, etc.”):</p> <p><u>Methods and steps of works for collecting removed soil, etc.; methods of radiation measurement; methods for monitoring equivalent dose rates from external radiation; methods for preventing contamination; methods for inspecting</u></p>	1 hour

	<u>contamination, etc. and for its decontamination; performance of protective equipment and its usage; and emergency measures to take in an abnormal event</u>			<u>body contamination, etc. and for its decontamination; performance of protective equipment and its usage; and emergency measures to take in an abnormal event</u>	
	<p><u>The following shall be covered for the workers engaged in collection, transportation, and storage of the contaminated waste (hereinafter referred to as “works for collecting contaminated waste, etc.”):</u></p> <p><u>Methods and steps of works for collecting contaminated waste, etc.; methods of radiation measurement; methods for monitoring equivalent dose rates from external radiation; methods for preventing contamination; methods for inspecting body contamination, etc. and for its decontamination; performance of protective equipment and its use; and emergency measures to take in an abnormal event</u></p>	<u>1 hour</u>		<p><u>The following shall be covered for the workers engaged in collection, transportation, and storage of the contaminated waste (hereinafter referred to as “works for collecting contaminated waste, etc.”):</u></p> <p><u>Methods and steps of works for collecting contaminated waste, etc.; methods of radiation measurement; methods for monitoring equivalent dose rates from external radiation; methods for preventing contamination; methods for inspecting body contamination, etc. and for its decontamination; performance of protective equipment and its use; and emergency measures to take in an abnormal event</u></p>	<u>1 hour</u>
	<p><u>The following shall be covered for the workers engaged in works for handling designated contaminated soil and wastes (excluding the workers engaged in works for handling designated contaminated soil and wastes exempted from the dose management):</u></p> <p><u>Methods and steps of works for handling designated contaminated soil and wastes; method of radiation measurement; methods for monitoring equivalent dose rates from external radiation; methods for preventing contamination; methods for inspecting body contamination, etc. and for its decontamination;</u></p>	<u>1 hour</u>		N/A	N/A

	<p><u>performance of protective equipment and its use; and emergency measures to take in an abnormal event</u></p>				
	<p><u>The following shall be covered for the workers engaged in works for handling designated contaminated soil and wastes exempted from the dose management:</u></p> <p><u>Methods and steps of works for handling designated contaminated soil and wastes; methods of radiation measurement; methods for preventing contamination; methods for inspecting body contamination, etc. and for its decontamination; performance of protective equipment and its use; and emergency measures to take in an abnormal event</u></p>	<u>1 hour</u>		N/A	N/A
<p><u>Knowledge about the structure and handling of the machinery used for decontamination related works (Limited only to the knowledge about the name and use of the machinery for the works for handling designated contaminated soil and wastes for the workers engaged in works for handling designated contaminated soil and wastes.)</u></p>	<p><u>The following shall be covered for the workers engaged in works of decontamination of soil, etc.:</u></p> <p><u>Structures and handling of the machinery used for works for decontamination of soil, etc.</u></p>	<u>1 hour</u>	<p><u>Knowledge about the structure and handling of the machinery used for decontamination related works</u></p>	<p><u>The following shall be covered for the workers engaged in works of decontamination, etc.:</u></p> <p><u>Structures and handling of the machinery used for decontamination related works</u></p>	<u>1 hour</u>
	<p><u>The following shall be covered for the workers engaged in works for collecting removed soil, etc.:</u></p> <p><u>Structures and handling of the machinery used for the works for collecting removed soil, etc.</u></p>	<u>1 hour</u>		<p><u>The following shall be covered for the workers engaged in collection of removed soil, etc.:</u></p> <p><u>Structures and handling of the machinery used for the works for collecting removed soil, etc.</u></p>	<u>1 hour</u>
	<p><u>The following shall be covered for the workers engaged in works for collecting contaminated wastes, etc.:</u></p> <p><u>Structures and handling of the machinery used for works for collecting contaminated wastes, etc.</u></p>	<u>1 hour</u>	<p><u>The following shall be covered for the workers engaged in works for collecting contaminated wastes, etc.:</u></p> <p><u>Structures and handling of the machinery used for works for collecting contaminated wastes, etc.</u></p>	<u>1 hour</u>	
	<p><u>For the workers engaged in works for handling designated contaminated soil and wastes,</u></p>	<u>30 min.</u>		N/A	N/A

	<u>the name and use of the machinery for the said works</u>				
<u>Relevant laws and regulations</u>	<u>Industrial Safety and Health Act (Act No.57, 1972), Order of enforcement of the Industrial Safety and Health Act (Government ordinance No. 318, 1972), Industrial Safety and Health Regulations (Ministerial ordinance No. 32 by the Ministry of Labour, 1972), and the related articles in the Ordinance for Decontamination</u>	<u>1 hour</u>	<u>Relevant laws and regulations</u>	<u>Industrial Safety and Health Act (Act No.57, 1972), Order of enforcement of the Industrial Safety and Health Act (Government ordinance No. 318, 1972), Industrial Safety and Health Regulations (Ministerial ordinance No. 32 by the Ministry of Labour, 1972), and the related articles in the Ordinance for Decontamination</u>	<u>1 hour</u>

(Practical training for decontamination works, etc.)

Article 3

The practical training ruled in Article 1 shall provide the education for each subject listed in the left column of the following table in the scope described in the middle column, for the minimum period specified in the right column.

<u>Subject</u>	<u>Scope</u>	<u>Durati on</u>
<u>Methods of decontamination related works and handling of the machinery used therefor (Limited to the methods of works for handling designated contaminated soil and wastes, when the workers are engaged in the works for handling designated contaminated soil and wastes.)</u>	<u>The following shall be covered for workers engaged in works for decontamination of soil, etc.:</u> <u>Works for decontamination of soil, etc.; handling of radiation survey meters; monitoring of dose equivalent rates from external radiation; methods for preventing contamination; inspecting body contamination, etc. and for its decontamination; handling of protective equipment; and handling of the machinery for works of decontamination of soil, etc.</u>	<u>1.5 hours</u>
	<u>The following shall be covered for workers engaged in works</u>	<u>1.5 hours</u>

(Practical training)

Article 3

The practical training ruled in Article 1 shall provide the education for each subject listed in the left column of the following table in the scope described in the middle column, for the minimum period specified in the right column.

<u>Subject</u>	<u>Scope</u>	<u>Durati on</u>
<u>Methods of decontamination related works and handling of the machinery used therefor</u>	<u>The following shall be covered for workers engaged in works for decontamination of soil, etc.:</u> <u>Works for decontamination of soil, etc.; handling of radiation survey meters; monitoring of dose equivalent rates from external radiation; methods for preventing contamination; inspecting body contamination, etc. and for its decontamination; handling of protective equipment; and handling of the machinery for works of decontamination of soil, etc.</u>	<u>1.5 hours</u>
	<u>The following shall be covered for workers</u>	<u>1.5 hours</u>

	<p><u>for collecting removed soil, etc.:</u></p> <p><u>Works for collecting removed soil, etc.; handling of radiation survey meters, monitoring of dose equivalent rates from external radiation; methods for preventing contamination; methods for inspecting body contamination, etc. and for its decontamination; handling of protective equipment, and the machinery for the works for collecting removed soil, etc.</u></p>			<p><u>engaged in works for collecting removed soil, etc.:</u></p> <p><u>Works for collecting removed soil, etc.; handling of radiation survey meters; monitoring of dose equivalent rates from external radiation; methods for preventing contamination; methods for inspecting body contamination, etc. and for its decontamination; handling of protective equipment; and handling of the machinery for the works for collecting removed soil, etc.</u></p>	
	<p><u>The following shall be covered for the workers engaged in collection of contaminated wastes, etc.:</u></p> <p><u>Works for collecting contaminated wastes, etc.; handling of radiation survey meters; monitoring of dose equivalent rates from external radiation; methods for preventing contamination; inspecting body contamination, etc. and its decontamination; handling of protective equipment; and handling of the machinery for the works for collecting contaminated wastes, etc.</u></p>	<p><u>1.5 hours</u></p>		<p><u>The following shall be covered for the workers engaged in collection of contaminated wastes, etc.:</u></p> <p><u>Works for collecting contaminated wastes, etc.; handling of radiation survey meters; monitoring of dose equivalent rates from external radiation; methods for preventing contamination; inspecting body contamination, etc. and its decontamination; handling of protective equipment; and handling of the machinery for the works for collecting contaminated wastes, etc.</u></p>	<p><u>1.5 hours</u></p>
	<p><u>The following shall be covered for the workers engaged in works for handling designated contaminated soil and wastes (excluding the workers engaged in works for handling designated contaminated soil and wastes exempted from the dose management):</u></p> <p><u>Works for handling designated contaminated soil and wastes; handling of radiation survey meters;</u></p>	<p><u>1 hour</u></p>		<p>N/A</p>	<p>N/A</p>

	<u>monitoring of dose equivalent rates from external radiation; methods for preventing contamination; inspecting body contamination, etc. and its decontamination; handling of protective equipment.</u>			
	<u>The following shall be covered for the workers engaged in works for handling designated contaminated soil and wastes exempted from the dose management:</u> <u>Works for handling designated contaminated soil and wastes; handling of radiation survey meters; methods for preventing contamination; inspecting body contamination, etc. and its decontamination; and handling of protective equipment</u>	<u>1 hour</u>		N/A

(Implementation of special education for the works under a designated dose rate)

Article 4

The special education specified in Paragraph 1of Article 25-8 of the Ordinance for Decontamination shall be provided through lectures.

N/A

(Lectures for the works under a designated dose rate)

Article 5

The lectures ruled in the preceding Article shall provide the education for each subject listed in the left column of the following table in the scope described in the middle column, for the minimum period specified in the right column.

N/A

<u>Subject</u>	<u>Scope</u>	<u>Durati on</u>
<u>Knowledge about the effect of ionizing radiation on living bodies and the control methods of exposure doses</u>	<u>Types and nature of ionizing radiation, the effect of ionizing radiation on the cells, tissues, organs, and whole living bodies, exposure dose limits, measurement methods of exposure doses, methods for verification and recording of the measured dose</u>	<u>1 hour</u>
<u>Knowledge about methods of radiation measurement</u>	<u>Methods of radiation measurement, methods for monitoring equivalent dose rates from external radiation, and emergency measures to take in an abnormal event</u>	<u>30 min.</u>
<u>Relevant laws and regulations</u>	<u>Industrial Safety and Health Act, Order of enforcement of</u>	<u>1 hour</u>

N/A

	<u>the Industrial Safety and Health Act, Industrial Safety and Health Regulations, and the related articles in the Ordinance for Decontamination</u>		
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