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
Special education rules for decontamination works and works
under a designated dose rate

(Implementation of special education for decontamination works)

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.

Lectures for decontamination works

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

the scope described i	in the middle column, for the min	
period specified in th Subject	Scope	Durati on
Knowledge about the effects of	The following shall be covered for the	1 hour
ionizing radiation	decontamination workers	
on living bodies	(excluding the workers	
and control methods of	engaged in works for handling designated contaminated soil	
radiation	and wastes, specified in	
exposure doses	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):	
	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

(Implementation of special education)

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.

Current Provisions

Special education rules for decontamination works

Lectures

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.

	Subject	Scope	Durati	
	Knowledge about	Types and nature of	on 1 hour	
	the effects of	ionizing radiation; the	1 Hour	
	ionizing radiation	effects of ionizing radiation		
	on living bodies	on the cells, tissues,		
	and control	organs, and whole living		
	methods of	bodies; exposure dose		
	exposure doses	limits; measurement		
		methods of radiation exposure doses; methods of		
		verification and recording		
		of the measured dose		

		1	1-1	T	
	exposure doses; methods of				
	verification and recording of				
	the measured dose			N/A	N/A
	The following shall be	1 hour			
	covered for the workers				
	engaged in works for handling				
	designated contaminated soil				
	and wastes exempted from the				
	dose management;				
	Types and nature of ionizing				
	radiation, the effects of				
	ionizing radiation on the				
	cells, tissues, organs, and				
	whole living bodies, and				
	exposure dose limits				
Knowledge about	The following shall be	1 hour	Knowledge about	The following shall be	1 hour
the methods of	covered for workers engaged	1 Hour	the methods of	covered for workers	1 Hour
decontamination	in works of decontamination		decontamination	engaged in works of	
related works	of soil, etc.:		related works	decontamination of soil,	
retated works	or son, etc		Icialcu works		
	Methods and steps of works			etc.:	
	of decontamination of soil,			Methods and steps of	
	etc.; methods of radiation			works of decontamination	
	measurement, methods for			of soil, etc.; methods of	
	monitoring equivalent dose			radiation measurement,	
	rates from external radiation;			methods for monitoring	
	· · · · · · · · · · · · · · · · · · ·			_	
	methods for preventing			equivalent dose rates	
	contamination; methods for			from external radiation;	
	inspecting body			methods for preventing	
	contamination, etc. and for			contamination; methods	
	its decontamination;			for inspecting body	
	performance of protective			contamination, etc. and	
	equipment and its usage; and			for its decontamination;	
	emergency measures to take			performance of protective	
	in an abnormal event			equipment and its usage;	
				and emergency measures	
				to take in an abnormal	
				<u>event</u>	
				The following shall be	1 hour
	The following shall be	1 hour		covered for the workers	<u>1 11001</u>
	covered for the workers			engaged in collection,	
	engaged in collection,				
	transportation and storage of			transportation and storage	
	the removed soil (hereinafter			of the removed soil	
	referred to as "works for			(hereinafter referred to as	
	collecting removed soil,			"works for collecting	
	etc."):			removed soil, etc."):	
	 /.			Methods and steps of	
	Methods and steps of works				
	for collecting removed soil,			works for collecting	
	etc., methods of radiation			removed soil, etc.;	
	measurement; methods for			methods of radiation	
	monitoring equivalent dose			measurement; methods	
	rates from external radiation;			for monitoring equivalent	
	methods for preventing			dose rates from external	
	contamination; methods for			radiation; methods for	
	inspecting body			preventing contamination;	
	inspecting body			methods for inspecting	

contamination, etc. and for its decontamination; performance of protective equipment and its usage; and emergency measures to take in an abnormal event		body contamination, etc. and for its decontamination; performance of protective equipment and its usage; and emergency measures to take in an abnormal event	
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."): 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	1 hour	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."): 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; methods for inspecting body contamination; performance of protective equipment and its use; and emergency measures to take in an abnormal event	1 hour
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): 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;	1 hour	N/A	N/A

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

	the name and use of the machinery for the said works	
Relevant laws and regulations	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	1 hour

Relevant laws and regulations	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	1 hour

(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.

Tor the minimum per	noa specifica in the right column.	
Subject	Scope	Durati on
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.)	The following shall be covered for workers engaged in works for decontamination of soil, etc.: 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. The following shall be covered	1.5 hours
	for workers engaged in works	hours

(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.

Subject	Scope	Durati on
Methods of decontamination related works and handling of the machinery used therefor	The following shall be covered for workers engaged in works for decontamination of soil. etc.: 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; inspecting body contamination; handling of protective equipment; and handling of the machinery for works of decontamination of soil, etc.	1.5 hours
	The following shall be covered for workers	1.5 hours

l I	Morks for collecting removed soil, etc.: 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.		engaged in works for collecting removed soil, etc.: 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.	
	The following shall be covered for the workers engaged in collection of contaminated wastes, etc.: 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; inspecting body contamination; handling of protective equipment; and handling of the machinery for the works for collecting contaminated wastes, etc.	1.5 hours	The following shall be covered for the workers engaged in collection of contaminated wastes, etc.: 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; inspecting body contamination, etc. and its decontamination; handling of protective equipment; and handling of the machinery for the works for collecting contaminated wastes, etc.	1.5 hours
	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): Works for handling designated contaminated soil and wastes; handling of radiation survey meters;	1 hour	N/A	N/A

	monitoring of dose equivalent rates from external radiation; methods for preventing contamination; inspecting body contamination, etc. and				
	its decontamination; handling				
	of protective equipment.				
	The following shall be covered	1 hour		N/A	N/A
	for the workers engaged in				
	works for handling designated				
	contaminated soil and wastes exempted from the dose				
	management:				
	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				
of the Ordinance for through lectures. (Lectures for the wo Article 5	on specified in Paragraph 1of Artion Decontamination shall be provided by the provider that the provided by th		N/A		
education for each s	n the preceding Article shall proviously the preceding of the left column of	the			
education for each s following table in the	subject listed in the left column of ne scope described in the middle co	<u>the</u> olumn,			
education for each s following table in the	subject listed in the left column of	the olumn,			
education for each s following table in the	subject listed in the left column of ne scope described in the middle co	the olumn, Durati	N/A		
education for each s following table in the for the minimum per Subject Knowledge about the effect of ionizing radiation on living bodies and the control methods of exposure doses Knowledge about methods of	Scope 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 Methods of radiation measurement, methods for	the olumn,			
education for each s following table in the for the minimum per Subject Knowledge about the effect of ionizing radiation on living bodies and the control methods of exposure doses Knowledge	Scope 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 dose, methods for verification and recording of the measured dose Methods of radiation	the olumn, Durati on 1 hour			
education for each s following table in the for the minimum per Subject Knowledge about the effect of ionizing radiation on living bodies and the control methods of exposure doses Knowledge about methods of radiation	Scope 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 Methods of radiation measurement, methods for monitoring equivalent dose rates from external radiation, and emergency measures to	the olumn, Durati on 1 hour			

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