

Guidelines on Safety and Health Education for Those Who Are Currently Engaged in Dangerous or Harmful Operations (Extract)

I Objective

These guidelines define education provided by employers to workers who are currently engaged in dangerous or harmful operations (hereinafter referred to as “workers engaged in dangerous or harmful operations”) for ensuring safety and health in carrying out the said works (hereinafter referred to as “safety and health education”) in terms of subject contents, hours, lecture methods, and lecturers as well as other matters which are necessary for appropriate and effective implementation such as establishment of an education promotion system. This education should be provided pursuant to Article 60-2, paragraph 2 of the Industrial Safety and Health Act (Act No. 57, 1972) in order to improve the level of safety and health in the workplace while responding to changes in social and economic situations such as trends in types of occupational injury and diseases that occur and developments of technological innovations.

Employers should, in providing workers engaged in dangerous or harmful operations with safety and health education, make efforts to implement the education according to these guidelines while taking actual situations of workplaces into consideration.

II Workers covered by the education requirements and types of the education

1 Workers covered by the education requirements

Workers covered by the education requirements should be as follows:

- (1) Workers who are engaged in restricted employment works
- (2) Workers who are engaged in works that require special education
- (3) Workers who are engaged in dangerous or harmful operations comparable to (1) or (2) above

2 Types of the education

The education should be provided in the safety and health education provided every certain period of time (“regular education”), or in the safety and health education provided specially when the machineries to be handled are updated, etc. (“occasional education”) after workers listed in 1 above are engaged in the said works.

III Subject contents, hours, lecture methods and lecturers

1 Subject contents and hours

(1) Subject contents

Subject contents should correspond to the trends in types of occupational injury and diseases that occur and developments of technological innovations.

(2) Hours

Lectures should be provided for approximately one day in principle.

It should be noted that subject contents and hours for safety and health education should follow the safety and health education curriculum for workers engaged in dangerous or harmful operations in the attached table, which are defined according to workers covered by the guidelines, and to types of education. In addition, occasional education which is provided when machineries are updated, etc. should include practices for inspection and maintenance as well as methods of operation.

2 Lecture methods

Lecture methods should be based on those that are considered effective according to the subject contents of the education and include lectures, case studies, and discussions, etc.

3 Lecturers

Lecturers should be those who have the latest information about each subject, and who have knowledge and experiences in educational techniques.

IV Establishment of an education promotion system, etc.

1 Employers, who are the providers of the education, may provide the education by themselves or may outsource the provision of the education to other organizations such as safety and health organizations, etc.

Employers, or safety and health organizations, etc. outsourced for the provision of the education by employers should set a person in charge of implementing the safety and health education as well make an implementation plan in advance.

2 Employers should preserve the records of safety and health education for each worker educated.

3 Safety and health education should be provided during work hours in principle.

Attached table

Safety and health education curriculum for workers engaged in dangerous or harmful operations

(1) – (15) (Omitted)

(16) Safety and health education for workers engaged in exceptional emergency works (works

defined in Article 7-2, paragraph 3 of the Ordinance on Prevention of Ionizing Radiation Hazards)

(1) – (15) (Omitted)

(16) Safety and health education for workers engaged in exceptional emergency works (works defined in Article 7-2, paragraph 3 of the Ordinance on Prevention of Ionizing Radiation Hazards)

Subject	Scope	Hours
1 Methods for exceptional emergency works	(1) Methods for responding to severe accidents, etc. (2) Preparation of a required system and communication methods for exceptional emergency works (3) Methods for radiation measurements, and for monitoring dose equivalent rate due to external radiation and radioactive material concentration in the air during engagement in exceptional emergency works (4) Inspection methods of conditions of contaminated areas where exceptional emergency works will be done, and necessary measures to reduce effects of contamination (5) Inspection methods of contamination of the workers' body, etc. and decontamination methods in exceptional emergency works (6) Function of and how to use the personal protective equipment for exceptional emergency works (7) Methods for first aid	3.0
2 Handling methods of the facilities and equipment which are used in exceptional emergency works	(1) Structures and handling methods of facilities and equipment that have functions to respond to severe accidents, etc.	3.0
3 Previous cases of severe accidents ,etc. and the relevant laws and regulations	(1) Previous cases of severe accidents, etc. and examples addressing them (2) Provisions relating to exceptional emergency works among the relevant laws and regulations for industrial safety and health.	0.5
Total hours		6.5

* Practices concerning subject 1 (except for (2)) and subject 2 in the above curriculum should be

provided as part of the regular education.