

This translation has been made based on the original collections of the interpretation by JISCBA

Note<sup>a)</sup> IQC means The person in charge of Industrial standardization and Quality Control promotion (hereinafter referred to as the "IQC" or "quality control manager").

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## About criteria of training sessions for the purpose of training quality control managers

### Introduction

In order to ensure the reliability of JIS mark products, the role of quality control manager is very important. JIS Certification Bodies Association makes the following 3 courses as standard for "the lectures of the subjects concerning the standardization and quality control" based on "the Ministerial Ordinance Concerning Certification of Conformity with Japanese Industrial Standards" in the item 5 - "□"- (2) of Clause 1 of Article 2. Each registered certification body shall be responsible for the final approval of quality control manager of Industrial standardization and Quality Control promotion.

## 1 Training sessions for the purpose of training quality control managers

### 1.1 General Course

#### (1) Content

For the people responsible for the practice concerning the standardization and quality control,

- 1) Concentrated lecture required scopes concerning the general methods of the standardization and quality control intensively.
- 2) Lecture the necessary subjects and the area to quality control manager of the enterprises or organizations who implement JIS marking.
- 3) The tests and homework are given in order to check the degree of comprehension of the content of the lectures 1) and 2).

#### (2) Lecture hours

More than 60 hours total (an ordinary day's schedule 6 hours / day × 10 days)

#### (3) Subjects (People qualified to take the course)

There are no special qualifications.

#### (4) Lecture subjects

Criteria of the lecture subjects and the lecture hours are indicated below.

Subjects	Range ( every item should be included)	Lecture hours
Industrial standardization	Outline of Industrial Standardization, New JIS mark scheme and its purpose, The role of quality control managers, etc.	More than 3 hours

Quality control	Statistical point of view	More than 27 hours
	Statistical control of the process	
	Sampling	
	Sampling inspection	
	Problem solving method	
Standardization within the firm	The outline of the standardization within the firm, An Itemized discussion for the company standard, How to promote the standardization within the firm, ISO 9000 series, etc.	More than 6 hours
JIS Q 17025· Uncertainty of the measurement	The revision of Industrial Standardization Law, The points of the change in the testing laboratories accreditation system, Uncertainty of the measurement, Supplier's declaration of conformity, etc.	More than 3 hours
The study of the examples	The study of the examples of quality control promotion, etc.	More than 2 hours
Exercises	Exercises, Explanation of the homework, Questions and answers, etc.	More than 4 hours
Test	To examine the comprehension of the extent of the lectures	1.5 hours
Total number of hours		More than 60 hours

#### (5) Completion Test

The following tests will be given in order to check the extent of the lecture is well comprehended

Subject	Range (The selection is made among these.)	Test format	Score allotment
Industrial standardization	Outline of industrial standardization, New JIS mark scheme and its purpose, the role of quality control managers, etc.	True False questions and selections	15 points
Standardization within the firm	The outline of the standardization within the firm, An Itemized discussion for the company standard, How to promote the standardization within the firm, etc.	True False questions and selections	15 points
Quality control	Statistical point of view Statistical control of the process Sampling, Sampling inspection, Problem solving method	All type of the questions ;True False questions, Selections. Description questions	70 points

#### (6) Conditions for completion

We acknowledge that the participants have completed the course when all the conditions below are met.

##### 1) Attendance rate

The attendance rate should be over 80 % and by the same person.

##### 2) Completion test

Participants shall meet the following two conditions.

(a) The total score should be over 60 points. (Providing the total score is 100 points)

(b) The score of each subject should be over 40 % of the allotted scoring.

(7) The treatment for the participant who does not meet the conditions for the completion

The participants who cannot meet the completion condition indicated above (6), they should be treated as follows.

1) In case of the lack of the attendance

They will be treated as uncompleted. They have to retake the lectures in order to complete the course.

2) In case of getting the score below the desirable points.

The educating or training organ should give the necessary education again to the people concerned within 1 year after the final day of the received seminar. They are considered to have completed the course when they are believed to be enough prepared to become quality control manager. They must retake the course when their capability does not reach the standard and they are treated as the uncompleted.

## 1.2 Short term Course

(1) Content

- 1) Lectures on the subjects necessary to become quality control manager such as Industrial standardization, Standardization within the firm, JIS Q 17025 are given.
- 2) The tests are given in order to check the degree of comprehension of the content of the lectures and the knowledge concerning standardization etc. on the final day of the course.

(2) Lecture hours

Over 10.5 hours total

(3) Subjects (People qualified to take the course)

The people who has the qualification; above 2<sup>nd</sup> grade of quality control licensing examination certified by Japan Quality Control Society

(4) Subjects

Criteria of the lecture subjects and the lecture hours are indicated below.

Subjects	The area of the lecture ( all the subjects below should be included)	Lecture hours
Industrial standardization	Outline of industrial standardization, New JIS mark scheme and its purpose, The role of quality control managers, etc.	More than 3 hours
The standardization within firms	The outline of the standardization within the firm, An Itemized discussion for the company standard, How to promote the standardization within the firm, ISO 9000 series, etc.	More than 3 hours
JISQ17025· Uncertainty of the measurement	The revision of Industrial Standardization Law, The points of the change in the testing laboratories accreditation system, Uncertainty of the measurement, Supplier's declaration of conformity, etc.	More than 3 hours
Test	Check the comprehension degree of the extent of the lectures and standardization.	More than 1.5 hours
Total number of hours		More than 10.5 hours

(5) Completion test

The completion test concerning the subjects below is given in order to confirm the comprehension of the content of the lectures.

Subjects	The extent of the lecture (The test covers the area.)	Test format	Score allotting
Industry Standardization	Outline of industrial standardization, New JIS mark scheme and its purpose, The role of quality control managers, etc.	True False Questions Selections	50 points
Standardization within firms	The outline of the standardization within the firm, An Itemized discussion for the company standard, How to promote the standardization within the firm, etc.	True False Questions Selections	50 points

(6) Conditions for completion

We acknowledge that the participants have completed the course when all the conditions below are met.

1) Attendance rate

The attendance rate should be 100 % and by the same person.

2) Completion test

Participants shall meet the following two conditions.

(a) The total score should be over 60 points. (Providing the total score is 100 points)

(b) The score of each subject should be over 40 % of the allotted scoring.

(7) The treatment for the participant who does not meet the conditions for the completion

The participants who cannot meet the completion condition indicated above (6), they should be treated as follows.

1) In case of the lack of the attendance

They will be treated as incomplete. They have to retake the lectures in order to complete the course.

2) In case of getting the score below the desirable points.

The educating or training organ should give the necessary education again to the people concerned within 1 year after the final day of the received seminar. They are considered to have completed the course when they are believed to be enough prepared to become quality control manager. They must retake the course when their capability does not reach the standard and they are treated as the uncompleted.

2 . The lecture for the former IQC qualified persons

2.1 IQC follow up course

(1) Content

1) Outline of revised Industrial Standardization Law (explanation of the revised points)

2) The revised points in the role, responsibility and authority of quality control manager under the new JIS mark scheme.

3) As to the testing laboratories accreditation system by JIS Q 17025 which supports products certifying system.

(2) Lecture hours

Over 6 hours

(3) Subjects (People qualified to take the course)

IQC qualified persons under the former Industrial Standardization Law.

(4) Lecture subjects

Criteria of the lecture subjects and the lecture hours are indicated below.

Lecture Area	Lecture hours
Outline of industrial standardization, New JIS mark scheme and its purpose, The role of quality control managers, etc.	More than 3 hours
The revision of Industrial Standardization Law, The points of the change in the testing laboratories accreditation system, Uncertainty of the measurement, Supplier's declaration of conformity, etc.	More than 3 hours
Total number of lecture hours	More than 6 hours

(5) Conditions for completion

The attendance rate should be 100 % and by the same person.

(6) Lecture period

This course is to be implemented during the limited period; until the period of the transition to the new JIS mark scheme ends (which is till Sep. 30, 2008)

[ supplementary provisions]

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