

SKILLS EVALUATION SYSTEM
PROMOTION PROGRAM (SESPP)
**REPORT ON THE TRAINING SESSION
IN VIETNAM**

Expert	Mr. INAGAWA Fumio (SESPP Secretariat Technical Advisor)
Period	Jan 11 th (Wed) – 13 th (Fri), 2023
Venue	Saigon Hi-Tech Park Training Center (SHTP-TC) Ho Chi Minh City, Socialist Republic of Viet Nam
Training course	Skills Evaluation Method (SEM)
Job trade & Grade	Mechanical inspection - Grade 3

February 2023

Outline of Results

1. Number of Participants

January 11-12 8 participants, 7 certified participants

January 13th 4 participants, 4 certified participants

2. Schedule

Date & Time	Content
January 11 th (Wed) Day 1 8:30 - 16:30	[Skills Evaluation Method (SEM)] ① Explanation of the standards and details of the Mechanical inspection skill test ② Explanation of the composition of questions by subject in the theoretical test of Mechanical inspection Grade 3 ③ Explanation of the questions in the theoretical test of Mechanical inspection Grade 3 (true or false questions) ④ Explanation of the key points and method of creating questions for the Grade 3 theoretical exam
January 12 th (Thu) Day 2 8:30 - 16:30	[Skills Evaluation Method (SEM)] ① Practice creating theoretical test questions ② Evaluation of questions created by participants
January 13 th (Fri) Day 3 8:30 - 16:30	[Skills Evaluation Method (SEM)] ① Explanation of the collection of Grade 3 theoretical test questions ② The method of composing 30 questions from the collection of test questions ③ Practice composing test questions

2. Review (Mr. Inagawa)

- ① There were feedbacks from a participant saying that this was the first time he had a look at the standards and details of Mechanical inspection skills test. He was surprised at the scope of the theoretical test subjects. However, thanks to this training course, he gained the knowledge for the necessary subjects and items in teaching test preparation. Furthermore, he understood which subjects to focus on regarding the number of questions for each subject. These knowledges were very useful for in-house education and training for employees. I hope that the trainers at companies will make the most of this training course in teaching theoretical test questions and test preparation.
- ② The Mechanical inspection skills test consists of a practical test, which is open to the public, and a theoretical test, which is non-public. For SHTP-TC to establish a consortium with Japanese companies and to continuously implement SET for this job trade, it is essential to create and prepare 30 theoretical test questions. During this training course, the SHTP-TC staff members were able to compose 30 questions on the theoretical test on their own. I think that this is a big step towards their independent implementation of SET. I hope that SHTP-TC will apply what they have learned from this training course to enhance their ability to compose and create theoretical test questions based on the standards and details of Mechanical inspection skill test.

- ③ SHTP-TC expressed their gratitude to SESPP for having organized this training course because it was very helpful for the creation of 30 theoretical test questions to be used in SET. However, regarding the creation of theoretical test questions, they haven't fully understood and interpreted the standards and details of Mechanical inspection skill test, therefore, they need follow-up training activities. They asked SESPP to continue cooperation and support.

3. Questionnaire results

SEM [Skills Evaluation Method]

◆ 11 participants (11 respondents)

Satisfaction level: Very satisfied = 9 Satisfied = 2
Usefulness level: Very useful = 10 Useful = 1
Needs of continuation: Must continue = 9 Should continue = 2

[Meaningful program]

- Standards and Details of Mechanical inspection job trade
- I understand how to analyze the question content, how to select questions, and how to sort problems by topic.
- Teaching methods for understanding technical terms.
- How to create topics for different levels according to regulations.
- To be able to conduct actual tests in my work place.
- By gaining confidence in creating a series of theoretical test questions, and learning to identify right answers and false answers, I can improve method of asking questions to examinees.
- The training course summarized systematically the training content (theoretical and practical skills) to raise the level of engineers and technicians working in the manufacturing industry.
- Better understanding of the contents of the questions and how to create the questions for different levels.
- Through this training program, I can better understand the mechanical inspection and evaluation standards not only of Japan but also of Vietnam, and it help me to have insight into Japanese culture.
- Increase knowledge and understand how to conduct the tests.
- Use proper wording to explain the meaning and create test questions.
- I want to study on how to create a theoretical test for Mechanical inspection Grade 3.
- I want to have more chance to practice my skills as an assessor.

[Improvements and proposals]

- I think we need to have some formulas in the document so that we don't waste time.
- There have been no plans to develop or improve the content of the program yet.
- I would like SHTP-TC to provide many materials related to the field for reference.
- I would like SHTP-TC to have a library with reference books.
- I hope that next year I will apply the knowledge I have learned to improve my work.
- Longer training time and higher-level training content.
- I would appreciate if you could disseminate the Japanese-style skill tests in companies.
- Admit more participants.

[Opinions, comments, and preferred trades for the future]

- Machine measurement job trade
- CAD drawing

- The job trade of residential and industrial electrical installation.
- Mechanical inspection Grade 2 (2)
- If I have time, I would like to take part in the training course on Mechanical inspection Grade 3.
- Evaluation of machine operation and testing skills.
- Mechanical inspection job trade, Programming of Electro-mechanical system control
- Mechanical engineering and measurement methods
- I want to take skill tests of all job trades because they are very important for Vietnamese industry.
- Other CNC milling jobs.

◆ 1 local manager (1 respondent)

Needs of continuation: Must continue = 1

[Improvements and proposals]

- I would appreciate if you could further expand the SESPP program in Vietnam.

[Opinions, comments, and preferred trades for the future]

- Mechanical inspection Grade 2 & 3, Mechanical drawing, Sequence control.