

SKILLS EVALUATION SYSTEM
PROMOTION PROGRAM (SESPP)
**REPORT ON THE COLLABORATION
TRAINING COURSE IN JAPAN**

Experts	Mr. MATSUMOTO Yoshitaka / Polytechnic Center Kansai Mr. ITO Susumu / Kinden Corporation Mr. KOIZUMI Takafumi / Kandenko Co., Ltd. Mr. MAEDA Yosuke / MIRAIT ONE Corporation
Period	Wednesday, November 2, 2022 ~ Friday, November 11, 2022
Venue	Makuhari International Training Center
Training course	Assessment and Marking Method (AMM)
Trade	Information Network Cabling

January, 2023

Outline of Results

1. Program Outline

The purpose of the Program is to transfer know-how on necessary skills for developing test assignments (test projects), guidelines, evaluation plans, etc. that are essential for the implementation of national skills competition.

2. Number of Participant

Participants: 6 (Cambodia: 6)

Completed participants: 6 (Cambodia: 6)

3. Contents

This is a seminar to develop human resources who will implement and manage skills competitions in their country. The purpose is to impart the skills related to the implementation and management methods, scoring and evaluation methods of the skills competition.

Emphasis was placed on demonstration by Japanese experts and mock competitions, with the aim of raising the level of skill competitions and working on new competitions of other job skills.

4. Schedule

Date & Time	Contents
Nov. 2 nd (Wed) 9:30~16:30	①Orientation ②Opening ceremony, photo session ③Explain the purpose of the training and how to create an action plan ④Welcome reception ⑤[Lecture] Overview of public vocational training (Mr. Tomohiro Uchino, Ministry of Health, Labour and Welfare)
Nov. 3 rd (Thu) 9:00~16:30	【Lecture】 ①Overview of national skills test trade and skills competition in Japan (Mr. Fumio Inagawa, Technical Advisor, SESPP Secretariat) ②Principle and procedure in evaluating practical skills test (Mr. Fumio Inagawa, Technical Advisor, SESPP Secretariat) ③Country paper presentation, Q&A
Nov. 4 th (Fri) 9:00~15:30	【Study tour】 ①In-house training facility: Sumitomo Electric Industries, Ltd. Yokohama Works ②Vocational training facility: Polytechnic Center Kanto
Nov. 5 th (Sat)~ 6 th (Sun)	【Study tour】 Full day: National Skills Competition at Makuhari Messe
Nov. 8 th (Tue)~ 10 th (Thu) 9:00~17:00	【Skill Competition Seminar】 Used the test assignments of the 2022 National Skills Competition as reference for: ①Creating and creating test assignments ②Test assignments' evaluation method and scoring (divided the participants into two groups)

Nov. 11 th (Fri) 9:00~17:00	【Skills competition seminar, action plan creation】 ①Continuation of the previous day and clear all the test assignments ②Creation of the action plan for the implementation of national skills competition ③Action plan presentation ④Wrap up and closing ceremony
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5. Reviews

<Mr. Matsumoto>

In this training, we arranged and implemented the test assignments used at the National Skills Competition of Japan.

Compared to the test assignments conducted in February last year, the difficulty level increased significantly, and we tackled the test assignments using two 19-inch racks for both LAN cabling and optical fiber cabling. Cabling job trade requires advanced technical skills where cabling speed and high quality are essential, and the evaluation criteria became more complicated as the challenges became more difficult. Although this was the first time working on test assignments and evaluation, but the Cambodian participants enthusiastically and actively took on the challenge, immediately asked questions, discussed with their colleagues, and made efforts to acquire techniques and evaluation methods. I could see their resolution in striving for the establishment of this job trade at the Cambodian National Skills Competition.

<Mr. Ito>

During the study tour at the National Skills Competition of Japan and practical guidance, the participants worked seriously, and we can expect their further growth.

During the training, what surprised me most was that they took the ribbon fiber that they have never touched before and practiced with it in their hotel's room.

As for the content, the basics of optical fiber to the basics of metal cables are worthy, but I felt that it is necessary to continue building up and strengthen their basic skills in the future, rather than improving their basic skills only through this training. In order to strengthen technical skills, it is necessary to know the characteristics of the object to be built, such as the cabling points. Not only practical skills, but they should also study standards etc. using textbooks.

Moreover, there were no guidelines for dress code, so they attended the course in relatively comfortable clothes, but I think that they should have worn work clothes (long sleeves) for practical training.

<Mr. Koizumi>

It has been 8 months since the last online training, but I am surprised that the participants' skills have drastically improved since then. During this training, I could see their great desire to learn, especially for the test assignments that they were not accustomed to, such as practicing without spare time and taking them back to their hotel's rooms for further practice. Also, despite the language barrier, I felt that mutual communication is possible because of the willingness to teach and to learn. By continuously providing guidance in the future, we can expect further skill improvement of the participants, and we believe that we can greatly contribute to the production of technicians in this job trade. Furthermore, I hope that we could promote procurement of optical fiber related equipment, so that we can conduct this training course locally.

<Mr. Maeda>

All participants worked hard during the training period. I was impressed by their attitude of asking questions until they understood when there was something they didn't understand. In my opinion,

although their dexterity varied among the participants, in general they were more dexterous than the Japanese, and they were intelligent. I also strongly felt their resolution to implement the national skills competition with their own hands.

6. Questionnaire Results

<AMM>

◆Participants: 6 (Respondents: 6)

Satisfaction level:	Very satisfied = 6	
Consistency between training content and training topic:	Strongly agree = 4	Agree= 2
Needs of Continuation:	Must continue = 6	

【The most meaningful program in this training】

- Implementation of practical, technical training and the study tour (2)
- Evaluation of skills competition
- Practical training and study tour of information network cabling
- Wiring, assembly and evaluation method

【How do you want to apply the lessons learned from this training to your current job?】

- Train Cambodian students with this training content in accordance with the current market needs and technology development.
- Share what I have learned from the training with Cambodian teachers. (2)
- Train students and stakeholders; create assignments for mock tests.
- Improve skills
- Train students to participate in National Skills Competitions.

【What did you want to learn more about the skills competition seminar?】

- Turning, 3D drawing
- Details of optical fiber
- Wi-Fi and network configuration
- Electronics (electronic engineering)
- Industrial control system, plumbing, mobile robot, IoT
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【What do you think is necessary to promote the information network cabling skills competition in your country?】

- Materials, tools, equipment, venues, experts
- Technical practice instructors; Students with ability
- Optical fiber related materials, tools, equipment; support from domestic and foreign companies and related organizations
- Evaluation of test assignments, materials & tools, test components, collaboration with telecommunications companies
- We need more materials, tools and further practice
- Materials, tools, equipment, skill assessors.

【Suggestions for improvement】

- I think it's very good.
- I want more time for assignment creation.
- I would appreciate if you could increase devices, tools, and equipment for practical training; as well as give us more detailed explanations of each topic.
- I wish that training period could be slightly longer than this time.

【Opinions, suggestions and impressions】

- I want to increase training opportunities (other topics) and contribute to Cambodia.
- I want to participate in other training topics. For example, industrial control systems, plumbing, mechatronics.
- I would appreciate more financial support during my stay in Japan.
- I am grateful to JTB for holding this seminar. (2)
- If there is an opportunity, I would like to participate in other job trades.



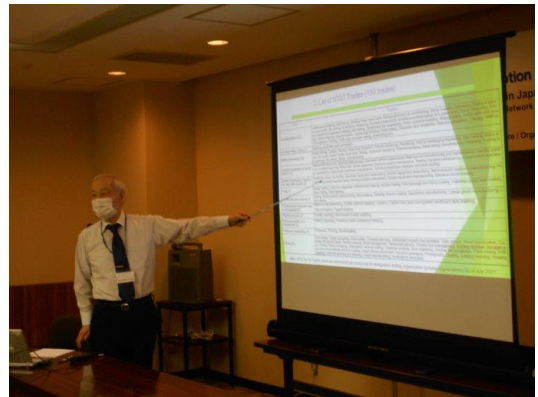
Nov 2nd - Opening ceremony



Nov 2nd - Training purpose



Nov 2nd - Public vocational training



Nov 2nd - Overview of Skills Test and Skills Competition

