

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

Experts	Mr. ITO Susumu / Kinden Corporation Mr. MATSUMOTO Yoshitaka / Polytechnic Center Kansai
period	Monday, January 23, 2023 to Friday, January 27, 2023
Venue	National Polytechnic Institute of Cambodia (NPIC) Phnom Penh City, Kingdom of Cambodia
Training courses	Assessment and Marking Method (AMM)
Trade & Grade	Information Network Cabling

March, 2023

Outline of Results

1. Number of Participants

Participants : 6 / Completed participants: 6 / Observers: 4

2. Schedule

Date & Time	Contents
Jan. 23 rd (Mon) 8:30 - 16:30 (All local time)	① Opening ceremony ② Explanation of the competition assignment ③ Implementation of Optical fiber cabling assignment ④ Evaluation of Optical fiber cabling assignments
Jan. 24 th (Tue) 8:30 - 16:30	① Implementation of Metal Assignments ② Evaluation of Metal Assignments
Jan. 25 th (Wed) 8:30 - 16:30	① Implementation and evaluation of Metal speed ② Preparation for mock competition <ul style="list-style-type: none"> • Setting up competition booths • Material check • Tool check • Assignment sheet • Evaluation sheet • Scoring during the competition (safe work, etc.)
Jan. 26 th (Thu) 8:30 - 16:30	<Mock competition> <ul style="list-style-type: none"> • Reception • Preparatory Work & Practice ① Metal speed (20 minutes) ② Evaluation ③ Optical fiber cabling assignment (60 minutes) ④ Evaluation of Optical fiber cabling assignments
Jan. 27 th (Fri) 8:30 - 16:30	<Mock competition> <ul style="list-style-type: none"> ① Metal assignment (120 minutes) ② Evaluation of Metal assignment (* Questionnaire survey for participants and manager) ③ Closing ceremony

3. Reviews

<Mr. Ito>

One major problem is that the manufacturers didn't involve in this activity. Their cooperation is essential for the procurement of equipment and materials. Therefore, we didn't have enough equipment. The teachers participating in the training are diligent and their technical level is not low. However, I think that they are not determined to hold the skill competition.

<Mr. Matsumoto>

The participants have sufficient technical level to solve the assignments. Besides, they also have evaluation skills. Their evaluation sheets are not 100 points, but they have achieved the level of about 70 points. However, it is not realistic for them to continue receiving support from Japan to be able to administer independently the skill competition in the future. They must be self-reliant, including the procurement of equipment and materials. I think that they need to invest 10 to 20% more equipment to take part in the WorldSkills ASEAN Competition.

4. Questionnaire Results

◆ Participants: 6, Observers: 4 (Respondents: 10)

Satisfaction level:	Very satisfied = 8	Satisfied = 2
Usefulness level:	Very useful = 9	Useful = 1
Needs of continuation:	Must continue = 9	Should continue = 1
Proficiency level:	Strongly agree = 4	Agree = 6

【Improvements and proposals】

- I wish the training time were longer. (2)
- I wish that the training materials and equipment were delivered to Cambodia before the training course.
- I would appreciate if next year's training could focus on higher level of optical network and include other areas such as wireless communications.
- Because the materials and equipment In Cambodia are insufficient, I would appreciate if you could conduct the training course with our available resources.
- I am glad to have a chance to take part in a training course like this. I would appreciate if you could conduct similar training courses in the future.
- If it is possible, I want to practice more on optical fiber (fusion splicing) fusion splicers.

【Opinions / comments / preferred trades for the future】

- Mechatronics, SCADA (Supervisory Control And Data Acquisition) system
- Industrial control systems, mobile robots
- Automation system, pneumatic system, printed circuit board soldering (PCB Soldering)
- SCADA system
- Industrial control system
- I think this training course is suitable for the installation and maintenance of network in home offices and buildings.
- Electronic component assembly, plumbing system, SCADA system
- Training courses on Network cable management and CCTV (Closed Circuit Television) installation

◆ Manager: 1 (Respondents: 1)

Needs of continuation: Must continue = 1

【Improvements and proposals】

- If possible, I would be grateful if the training course could be held in September.

【Opinions, comments, and preferred trades for the future】

- Printed circuit board soldering.