

SKILLS EVALUATION SYSTEM
PROMOTION PROGRAM (SESPP)

**REPORT ON THE TRAINING SESSION
IN CAMBODIA**

Experts	Mr. HAGIUDA Yukio, Kowa Electric Industry Co., Ltd.
Period	Monday, October 30th ~ Thursday, November 2nd, 2023
Venue	Industrial Technical Institute (ITI) Phnom Penh City, Kingdom of Cambodia
Training course	Skills Evaluation Trial (SET)
Trade & Grade	Power Distribution and Control Panel Assembly, Grade 2

December, 2023

Outline of Results

1. Number of Participants

<SET>

Assessors: 10

Examinees: 5

Successful applicants: 1

2. Schedule

Date & Time	Content
<p>October 30th (Monday) 8:30~16:30 (All local time)</p>	<p>[Opening ceremony] Opening ceremony was held at ITI with the attendance of related parties (including ITI deputy director and the officials from DSC of Ministry of Labour and Vocational Training/MoLVT)</p> <p>[Orientation] ① Opening Remarks - Skills Evaluation Trial (SET) (Mr. Hagiuda) ② Attendance check based on list of participants (list of 10 people) ③ Training schedule confirmation</p> <p>[Explanation of SET based on SAT/SET Grade 2 Preparation list] Explained the SET preparation list and confirmed the current situation.</p> <p>[SET roles assignment] Assigned roles during SET to all participants: 3 assessors (including 1 chief) and 7 assistants (including 1 chief); and among them, decided 2 people in charge of theoretical test, and detailed roles for each person in charge of practical test; confirmed scoring method, sum up method, etc.</p> <p>[Confirmation of SET preparation status using the assessor check sheet] Using the assessor check sheet, the participants checked the preparation status based on the list while looking at the site and the actual objects.</p> <p>[Preparation for venue of theoretical test] The participants checked the venue and the actual objects to confirm the preparation status of SET Grade 2 theoretical test, including reception, etc.</p>
<p>October 31st (Tuesday) 8:30~16:30</p>	<p>[SET Grade 2 Theoretical test - Reception, explanation and implementation] ① Implemented the reception for theoretical test according to each participant's role ② The chief assessor explained the theoretical test method and conducted the theoretical test (This time, the test questions were created by Mr. Hagiuda with 25 true or false questions, 25 multiple-choice questions, total 50 questions: 1h45m)</p> <p>[SET Practical test preparation] Except for 2 people in charge of the theoretical test, the rest of the team prepared for the practical test while checking the SET preparation list and check sheet. (The chief assessor is the leader.) On the day before the practical test, the explanation was given to SET examinees on the practical test arrangements.</p> <p>[SET Theoretical Test Scoring and Summing up] The people in charge of the theoretical test did scoring, summed up the scores and reported to the chief assessor.</p>

<p>November 1st (Wednesday) 8:30~16:30</p>	<p>[SET Practical test] The assessors implemented their given roles.</p> <ol style="list-style-type: none"> ① Reception of examinees ② Explanation of the practical test schedule, precautions and how to set up each device, etc. ③ Practical test commencement ④ They implemented their given roles (assessor, assistant assessor) <p>[SET Practical test scoring]</p> <ol style="list-style-type: none"> ① The assessors implemented scoring (Guidance was given to them if anything missing or any mistakes were found). ② Assistant assessor implemented scoring (Guidance was given to them if anything missing or any mistakes were found).
<p>November 2nd (Thursday) 8:30~15:10</p>	<p>[SET Practical test scoring - continued]</p> <ol style="list-style-type: none"> ① The assistant assessors implemented scoring. The assessors checked the packing tag to confirm the final non-conformity. ② The content of the non-conformity described on the packing tag is transcribed into the scoring summary table. (This process must be double-checked to make sure there were anything missing or mistakes.) <p>[SET Practical test summing up] The three assessors signed in all the overall score summary table after they had confirmed them. (All entries in the summary table are written with indelible ballpoint pens).</p> <p>[SET Overall Summing up & Final result summary] After confirming all the scoring tables, the three assessors signed. (All entries in the summary table are written with indelible ballpoint pens).</p> <ol style="list-style-type: none"> ① The theoretical test questions this time included true or false questions ((O) if the statement was correct, and (x) if the statement was wrong) and multiple-choice questions. (The test questions this time were also created by Japanese expert and not made public): there was a successful applicant (high score of 98 points), the average score was 58 points. It was turned out that the examinees were not good at questions on electric equipment assembly, machining methods, assembly methods of power distribution and control panel assembly, and multiple-choice questions.) ② This is the second time we held SET Grade 2 practical test, and there was an examinee from a private company, the first female examinee and a student from ITI. (Results: there was 1 successful applicant with the score of 9 points, 1 disqualified examinee, and 3 examinees who were able to take the time to check but failed to check the circuit properly and fix the incorrect wiring, so they lost a lot of points.) <p>[SET evaluation meeting (review & Q&A)]</p> <ol style="list-style-type: none"> ① This was the second time to conduct SET Grade 2. There were no major problems in the Grade 2 theoretical test. During the preparation stage of the practical test, I found a problem with some of the tools (the blade of the wire stripper was too small to strip the coating), but somehow, it could be fixed in time before the practical test so it didn't cause any major problems. By explaining the details of the improvements in the scoring method of the

practical test, all the participants understood.

- ② Other than the feedback from the participants saying that they wished to have more time for scoring exercises, there were no major problems, it was confirmed that the participants were able to understand the training.

[Questionnaire answered by assessors]

After scanning the QR code, the assessors filled in the FORMS by themselves and the answers were automatically forwarded to the Secretariat.

The questionnaire was also requested to be answered by the local manager.

[Closing ceremony]

A closing ceremony was held at ITI with the attendance of related parties (including ITI director and officials from DSC of MoLVT)



Opening ceremony



Theoretical Test



Practical Test



Practical Test



Scoring practical test



Closing ceremony

3. Review

We implemented SET in this year's training activity in Cambodia. Last year, it was held at ITI Cambodia for the first time in four years, but due to the different level of understanding among participants, I decided to hold only SET this year. Although this was a second SET Grade 2, but I think that some participants could learned a lot from their experience as assessors for the first time. It was also very meaningful for us to be able to conduct SET on site this time, and we are very grateful for the support and cooperation of all stakeholders (especially the stakeholders from ITI). The level of SET Grade 2 questions are way more difficult compared to Grade 3, and the examinees were struggling with both theoretical test and practical test. I think that they need to put more effort into improving their technical abilities, such as circuit inspection method in the practical test. Furthermore, the participants worked diligently and worked hard so they understood and mastered SET.

4. Questionnaire Results

<SET>

◆ Assessors: 10 (Respondents: 10)

Satisfaction level:	Very satisfied = 6	Satisfied = 4
Usefulness level:	Very useful = 8	Useful = 2
Improvement level:	Much improved = 2	Improved = 8
Needs of continuation:	Must continue = 6	Should continue = 4

【Improvements and proposals】

- There are no points need improvement. (9)
- I would appreciate if you could proceed to level 1.

【Opinions, comments and preferred trades for the future】

- Motor control trade
- Feedback control system
- PLC
- I would appreciate if you could continue up to Grade 1. (5)
- I would appreciate if you could continue this trade so that I can deepen my understanding.

◆ Examinees: 5 (Respondents: 5)

Satisfaction level:	Very satisfied = 3	Satisfied = 2
Usefulness level:	Very useful = 3	Useful = 2
Needs of continuation:	Must continue = 3	Should continue = 2

【Improvements and proposals】

- I would appreciate if you could continue SET.
- I would appreciate if you could conduct training before the trial .
- The room temperature was high during the Grade 2 theoretical test, so I would appreciate if you could set temperature lower next time.

【Opinions, comments and preferred trades for the future】

- Electronic related trades
- Electrical related trades
- Machine maintenance trade
- Motor repair trade
- I would appreciate if you could continue this trade.

◆ Manager: 1 (Respondents: 1)

Needs of continuation: Neither = 1

【Improvements and proposals】

- I would appreciate if you could continue the activities on the trades which are currently in demand, including switchboard control panels .

【Opinions, comments and preferred trades for the future】

- Air conditioning related trades