

SKILLS EVALUATION SYSTEM
PROMOTION PROGRAM (SESPP)

**REPORT ON THE TRAINING SESSION
IN CAMBODIA**

Expert	Mr. INAGAWA Fumio (SESPP Secretariat Technical Advisor)
Period	Monday, February 17th ~ Thursday, February 20th, 2025
Venue	National Polytechnic Institute of Cambodia (NPIC) Phnom Penh City, Kingdom of Cambodia
Training course	Skills Evaluation Trial (SET), Skills Assessor Certification (SAC)
Trade & Grade	Mechanical Inspection, Grade 3

March, 2025

Outline of Results

1. Number of participants

<SET>

Assessors: 11 / Newly certified assessors: 11

Examinees: 17 / Successful applicants: 9

2. Schedule

Date & Time	Content
February 17 th (Monday) 8:30~16:30 (All local time)	[Skills Evaluation Trial (SET), Skills Assessor Certification (SAC)] ① Explanation of training schedule ② Regarding Skills Assessor Certification • How to complete an application form • Self-evaluation using the assessor check sheet ③ Practical skill test: Implementation method and key considerations ④ Formation of assessment team and role assignments ⑤ Checking test equipment and measuring instruments ⑥ Checking required supplies ⑦ Setup and arrangement of theoretical and practical test venues ⑧ Confirmation of practical skill test procedures (Tasks 1-3)
February 18 th (Tuesday) 8:30~16:20	[Skills Evaluation Trial (SET), Skills Assessor Certification (SAC)] 8:30-8:45 Reception and opening ceremony 8:45-9:45 Theoretical test (17 examinees) 9:45-12:00 Practical test (First session: 6 examinees) 13:00-15:00 Practical test (Second session: 5 examinees) 15:00-16:20 Preparation for scoring: Measuring correct values and creating the deduction assessment sheet
February 19 th (Wednesday) 8:30~16:20	[Skills Evaluation Trial (SET), Skills Assessor Certification (SAC)] ① Creating the deduction assessment sheet (Cont.) ② Scoring and evaluation ③ Creating the practical test result table and the final test result
February 20 th (Thursday) 8:30~14:30	[Skills Evaluation Trial (SET), Skills Assessor Certification (SAC)] ① Measuring test for Task 1 ② Maintenance of measuring instruments and gauges ③ Interview based on the assessor check sheet ④ Summary • Questionnaire

3. Review

- (1) To conduct the SET alongside the SAC, I minimized guidance and instructions as much as possible, allowing participants to perform their tasks independently while I observed their work. I confirmed that everyone executed their assigned roles smoothly under the direction of the Chief Assessor. Additionally, participants carefully measured the correct values, consistently double-checking their results to ensure accuracy. Based on these observations, I determined that the Level 3 SET could proceed without any issues.
- (2) The pass rate has improved, largely due to NPIC teachers taking the initiative to provide exam preparation courses for interested examinees. As more examinees pass, company leaders will become increasingly interested in the SET, and examinees will be more motivated to take the test. I strongly encourage the continuation of this initiative.
- (3) Proper maintenance of measuring instruments is crucial in the Mechanical Inspection Level 3 practical test. If micrometers, calipers, cylinder gauges, ring gauges, block gauges, screw gauges, three-wire gauges, and measuring components for Task 1 become rusty, they can cause measurement errors or even render measurements impossible. Recognizing this, I provided detailed explanations and demonstrations on the correct maintenance and storage methods for each instrument and gauge.
Rust can severely impact measurement accuracy, and in some cases, make precise measurements impossible.
I expect participants to fully understand and strictly adhere to proper maintenance and storage procedures to prevent such issues.

4. Questionnaire Results

<SET>

◆ Assessors: 11 (Respondents: 11) (* 5-point scale)

Satisfaction level:	5: Very satisfied = 8	4: Satisfied = 3
Usefulness level:	5: Very useful = 8	4: Useful = 3
Improvement level:	5: Much improved = 6	4: Improved = 5
Needs of continuation:	5: Must continue = 6	4: Should continue = 5

[Improvements and proposals]

- Please consider implementing the Grade 2 certification for this trade. (5)
- In the next session, start with training for the theoretical test.

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

- Mechatronics
- Machining and Mechanical Drawing (CAD work)
- Turning and CNC Turning
- Milling and CNC Milling

◆ Examinees: 17 (Respondents: 17) (* 5-point scale)

Satisfaction level:	5: Very satisfied = 12	4: Satisfied = 5
Usefulness level:	5: Very useful = 11	4: Useful = 6
Needs of continuation:	5: Must continue = 8	4: Should continue = 9

[Improvements and proposals]

- Since Khmer lacks specialized terminology, it would be helpful to include English translations in the practical test questions.
- The time allocated for Task 1 is too short, making it difficult to complete within the given timeframe.
- I would appreciate it if you would not set the passing score too high.
- I would like to strengthen my knowledge of measurement subjects and further study the use of measuring instruments.

[Opinions, comments and preferred trades for the future]

- Electrical equipment maintenance and inspection
- PLC Programming
- Mechanical Engineering
- Mechanical related trades
- I want to aim for a higher grade of this trade.

◆ Manager: 1 (Respondents: 1) (* 5-point scale)

Needs of continuation: 5: Must continue = 1

[Improvements and proposals]

- I would like the training period to be longer.

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

- I would like training to be provided for other mechanical-related trades as well.