

SKILLS EVALUATION SYSTEM
PROMOTION PROGRAM (SESPP)

**REPORT ON THE TRAINING SESSION
IN LAO PDR**

Expert	Mr. INAGAWA Fumio (SESPP Secretariat Technical Advisor)
Period	Monday, November 3rd ~ Thursday, November 6th, 2025
Venue	Skills Development Institute (SDI) Vientiane Capital, Lao PDR
Training course	Skills Evaluation Trial (SET)
Trade & Grade	Mechanical Inspection, Grade 3

December, 2025

Outline of Results

1. Number of participants

<SET>

Assessors: 7 / Examinees: 6 / Successful examinees: 1

2. Schedule

Date & Time	Content
November 3rd (Monday) 8:30 - 16:50 (All local time)	[Skills Evaluation Trial (SET)] 8:30 - 9:20 Opening Ceremony 9:20 - 16:50 (1) Explanation of the training schedule (2) Confirmation of practical test procedures and operational precautions (3) Formation of the assessment team and assignment of roles (4) Check of test equipment (5) Check of necessary supplies (6) Preparation of test venues (theoretical test & practical test), arrangement of measuring instruments and equipment (7) Divide participants into assessor group and examinee group to conduct mock test (confirmation of procedures for practical test Tasks #1 - #3)
November 4th (Tuesday) 8:30 - 16:30	[Skills Evaluation Trial (SET)] 8:30 - Registration 8:45 - Distribution of theoretical test papers and answer sheets 8:50 - 9:50 Theoretical test (6 examinees) 9:50 - Preparation for practical test 10:00 - 14:00 Practical Test (4 examinees) 14:10 - 16:30 Measurement of correct values and making deduction sheets
November 5th (Wednesday) 8:30 - 16:30	[Skills Evaluation Trial (SET)] (1) Scoring work after explanation of the scoring method ① Scoring of practical test Tasks #1 - #3 ② Compilation of work attitude scores ③ Scoring of the theoretical test ④ Making practical test result sheet and final result sheet (2) Supplementary training for assessors ① Confirmation of tasks for preparation, implementation, and scoring/evaluation based on the assessor's job check sheets ② Self-assessment based on their experience in SET implementation and administration

November 6th (Thursday) 8:30 - 15:40	[Skills Evaluation Trial (SET)] (1) Explanation of assessor duties and work procedures based on the assessor training textbook (2) Explanation of effective diameter measurement of screws ① How to determine the optimal three-wire diameter corresponding to pitch ② Explanation of the formula: $D_E = M - A$, $A = 3d_m - (\sqrt{3}/2)P$ (3) Summary session Questionnaire conducted via QR code
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3. Review

(1) I explained to the SDI team that conducting a mock test was very difficult because we had only 7 participants (assessors), which was not enough to divide into assessor and examinee groups. I clarified that a minimum of 8 assessors is required to conduct the Mechanical Inspection Grade 3 practical test. I instructed them to secure at least 8 assessors, preferably 10, for the next SET so they can respond appropriately even if someone is absent.

I also instructed that the same individuals should continue to participate each year; otherwise, they cannot be eligible for Skills Assessors Certification (SAC) in the following year.

(2) I emphasized that room temperature control is extremely important because mechanical inspection consists of precision measurement tasks. Using the coefficient of linear expansion for steel as an example, I explained how much a 1-meter bar changes when the temperature changes by 1°C. During the SET, I strictly instructed participants to ensure that the door remained closed every time it was opened.

(3) I also stressed that proper maintenance of measuring instruments and equipment is essential for achieving micrometer(μm)-level precision. While reviewing the maintenance procedures explained previously, I instructed participants to wipe off dust and apply a thin coat of spindle oil before storage. Maintenance instructions for each instrument are as follows:

- ① Micrometer: Wipe dust from both measuring faces and store with the faces not in contact.
- ② Gauge blocks: Apply a thin coat of spindle oil, wrap in anti-rust paper, and store.
- ③ Ring gauges, screw gauges, three wires, and the target parts to be measured in practical test task #1: Apply a thin coat of spindle oil and store in the provided bags.
- ④ Cylinder gauge: Remove the assembly parts to be measured, wipe off dust, and store in the case.

(4) I noted that this SET had no examinees from private companies. I instructed that for the next SET, they must secure 6 examinees, including at least one from a private company, in addition to the 8 assessors. I emphasized that raising corporate awareness and involvement is essential for the recognition and development of the skills testing system in Laos and asked them to take the recruitment of examinees from private companies seriously. Since a representative of the Lao National Chamber of Commerce and Industry (LNCCI) attended the opening ceremony, I encouraged them to collaborate with LNCCI for this purpose.

4. Questionnaire Results

<SET>

◆ Assessors: 7 (Respondents: 7) (* 5-point rating scale)

Satisfaction level:	Very satisfied = 7	
Usefulness level:	Very useful = 6	Useful = 1
Level of improvement:	Much improved = 3	Improved = 4
Needs of continuation:	Must continue = 7	

[Improvements and proposals]

- The expert's guidance during the SET was very clear and greatly contributed to improving my own knowledge.
- I would appreciate it if a pre-training session could be conducted before the test.
- I would be grateful if the training time could be increased.
- I would like to request the implementation of Mechanical Inspection training at public and private manufacturing sites.
- I would appreciate training on Mechanical Inspection being offered to other vocational training institutions and college within Laos.

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

- Automobile Maintenance (3)
- Computer-related trades
- Cooking (2)
- I would like to request opportunities to measure parts of actual automobiles.
- I hope to have the opportunity to observe Japan's skills tests in the future.

◆ Examinees: 6 (Respondents: 6) (*5-point rating scale)

Satisfaction level:	Very satisfied = 6
Usefulness level:	Very useful = 6
Needs of continuation:	Must continue = 6

[Improvements and proposals]

- I would appreciate continuous training opportunities for each skill level.
- I would be grateful if the amount of hands-on training time could be further increased.
- I would like to request the provision of tools and parts so that students from other vocational schools planning to take the skills test can also receive training.
- This was an excellent training program.

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

- Mechanical Inspection Grade 2
- Construction-related trades
- Automobile Maintenance and Servicing (2)
- As a future plan, I hope to be able to observe the skills testing process in Japan.
- I would like to visit Japanese manufacturing sites where mechanical inspection is carried out in the future.

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

Needs of continuation: Must continue = 1

[Improvements and proposals]

- With regard to participant selection, I believe that one participant should be selected from each center and training school. The number of instructors at each center and training school is limited, and since they are required to teach, they are unable to participate continuously in the training.

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

- Plastering, Bricklaying and ICT