

SKILLS EVALUATION SYSTEM
PROMOTION PROGRAM (SESPP)

**REPORT ON THE TRAINING SESSION
IN VIETNAM**

Expert	Mr. Fumio Inagawa (Technical Advisor, SESPP Secretariat)
Period	Friday, September 19th - Monday, September 22nd, 2025
Venue	Dong Nai University, Bien Hoa, Dong Nai Province, Socialist Republic of Vietnam
Training course	Skills Evaluation Trial (SET), Skills Assessors Certification (SAC)
Trade & Grade	Mechanical Inspection - Grade 2

October 2025

Outline of Results

1. Number of Participants:

<SET> Assessors: 10 Examinees: 12 Successful examinees: 2

<SAC> Applicants: 8 Successful applicants: 8

Participants for supplementary classes of Skills Assessors

Training(SAT):3 / Completed participants :3

2. Schedule

Date & Time	Content
September 19 th (Friday) 8:30 - 15:30 (All times local)	[Skills Evaluation Trial (SET) and Skills Assessors Certification (SAC)] (1) Explanation of Training schedule (2) Explanation of Assessor Certification · Requirements for certified assessors · How to fill out the resume and certification application form · Self-assessment using the Assessor Job Checklist, to be submitted after assessment (3) Confirmation of practical test implementation methods and operational considerations through discussion (4) Formation of assessment teams and role assignment (5) Setup of the venue for the practical and theoretical tests (6) Arrangement of necessary testing equipment for Task 1 to 4 of the practical test (Production work test) The assessors will be assigned in pairs to check the following points: · Proper placement of required equipment and materials · Zero-point calibration of measuring instruments · Set the measuring instrument to the reset dimension (7) Supplementary course on Skill Assessors Training (SAT): Lectures based on the assessor training textbook
September 20 th (Saturday) 8:15 - 17:20	[Skills Evaluation Trial (SET) and Skills Assessors Certification (SAC)] 8:15 - 8:40 Registration, opening ceremony, group photo 8:45 - 10:15 Theoretical test (11 examinees, including 6 women) 10:25 - 12:10 Planning work test (12 examinees, including 6 women) Assessors not assigned to the theoretical test measured correct values for Task 1 to 4 and prepared deduction points sheets 13:10 - 16:45 Production work test (12 examinees) 16:50 - 17:20 Questions and answers and comments from participants of the supplementary assessor training course

September 21 st (Sunday) 8:30 - 17 :45	[Skills Evaluation Trial (SET) and Skills Assessors Certification (SAC)] (1) Confirmation of scoring method (2) Scoring work based on the deduction points sheets · Scoring of practical test Task 1 to 4 · Evaluation of Work attitude · Scoring of theoretical test · Scoring of planning work test (3) Scoring, evaluation, and compilation of results · Creating sheets for practical test results and overall test result (4) Q&A and explanations on solving the questions of Planning work test (5) Q&A and explanations on creating Pareto charts and control charts
September 22 nd (Monday) 8:15 - 14:45	[Skills Evaluation Trial (SET) and Skills Assessors Certification (SAC)] (1) Supplementary course on Skills Assessors Training (SAT): · Formula used for calculating the effective diameter of the screw (formula stated in the implementation guidelines): $E = M - A, \text{ with } A = 3dm - 0.866025 \times P$ · Method for determining optimal three-wire diameter (corresponding to the screw pitch) · Method for measuring base tangent length of gear and determining normal pitch of gears (2) SAC test (measurement for Task 1 of the production work test) (3) Interview based on the assessor's job checklist (4) Summary · Completion of questionnaires

3. Review

- (1) Since this session implemented SET concurrently with SAC, I minimized my direct instructions or interventions, observing how participants handled operations on their own.

Under the direction of the Chief Assessor, all members smoothly carried out their assigned roles.

During the measurement of correct values, participants repeatedly confirmed the results through double-checking. In cases of discrepancies, they followed a procedure in which the Chief Assessor, acting as a third party, performed verification.

- (2) This time, 8 out of 11 examinees passed the theoretical test, 2 out of 12 passed the practical test, and the same 2 examinees passed both tests. Compared to the previous training session, the number of people who passed the theoretical test increased, suggesting that taking pre-test training will result in better achievement.

This outcome is expected to increase the interest of company representatives and the motivation among examinees, so we hope that continued efforts in pre-test courses will lead to an increase in the number of high-level examinees.

- (3) Since Mechanical inspection involve precision measurement work, so temperature control in the room is very important. I highly appreciate the placement of thermometers to record temperatures. However, I noticed that doors were sometimes left open. I instructed participants to be more conscious about this issue, ensuring everyone develops the habit of closing doors promptly to maintain stable room conditions.

4. Questionnaire Results

SET [Skills Evaluation Trial]

◆ Assessors: 10 (Respondents: 10) (* 5-point scale)

Satisfaction level:	5: Very satisfied = 7	4: Satisfied = 3
Usefulness level:	5: Very useful = 7	4: Useful = 3
Level of ability improvement:	5: Much improved = 6	4: Improved = 4
Needs of continuation:	5: Must continue = 6	4: Should continue = 4

[Improvements and proposals]

- I would like to participate in training in Japan.
- Please offer more courses.
- I would like to participate again next year.
- I would like to visit test venue in Japan.
- This activity should be held more widely.
- I would like to continue participating in this program.
- I hope for further development and expansion of the competition.
- Suitable for Vietnam.
- If possible, I would like to spend more time learning measurement skills.

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

- Milling machines, molds
- Mechanical measurement field
- CAD drawing, lathe
- CNC milling machine (2)
- Mechanical measurement
- Manufacturing technology
- CNC machine maintenance

◆ Examinees: 12 (Respondents: 12) (*5-point scale)

Satisfaction level:	5: Very satisfied = 8	4: Satisfied = 3	2: Not satisfied = 1
Usefulness level:	5: Very useful = 8	4: Useful = 4	
Needs of continuation:	5: Must continue = 9	4: Should continue = 3	

[Improvements and proposals]

- Please expand this initiative to include more assessment organizations.
- The tasks (theory and practice) are somewhat long and difficult to understand.
- The test tasks are a bit long and confusing.

- I would like the event to be held in Ho Chi Minh City.
- Please make the practice time for a little longer.
- Please give us two minutes' notice before the end of the practical test.
- I would like more time for the gear task.
- By making the test tasks easier and increasing the test time, knowledge can be learned more deeply.

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

- Machining (2)
- Mechanical engineering
- Measurement
- Manufacturing
- QC
- The pressure was very high.

◆ Local manager: 1 (Respondent: 1) (*5-point scale)

Needs of continuation: 5: Must continue = 1

[Improvements and proposals]

- None

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

- I would like to expand this program to many other locations so that more teachers and companies can become aware of it.