SKILLS EVALUATION SYSTEM
PROMOTION PROGRAM (SESPP)

REPORT ON THE TRAINING SESSION IN INDONESIA

Expert	Mr. NISHITANI Kenji (Panasonic Holdings Corporation)
Period	January 20th (Monday) - January 24th (Friday), 2025
Venue	Matsushita Goebel Foundation High Tech Mold Center (HTMC) East Jakarta, Republic of Indonesia
Training course	Skills Assessor Training (SAT), Skills Evaluation Trial (SET)
Trade & Grade	Mechanical Drawing (CAD Work), Grade 2

February, 2025

Overview of Results

1. Number of participants:

<SAT>

Participants: 4　　Training course completed participants: 4

<SET>

Assessors: 4　　Examinees: 8　　Successful examinees: 4

2. Schedule

Date & Time	Content
January 20th (Monday) 8:00 - 16:00	[Skill Assessor Training (SAT)] ・Role and responsibilities of assessors ・Practical test assignment and required equipment. ・Necessary supplies ・Practical test implementation and key operational considerations ・Role-playing exercise (dividing the participants into assessor team and examinee team) Practicing Auto CAD drawing and practical test administration
January 21st (Tuesday) 8:00 - 16:00	[Skill Assessor Training (SAT)] ・Scoring and evaluation practice (scoring items and methods) The scoring items are as follows: ①Creation and display of shapes　②Entering dimensions etc. ③Title block　④Drawing appearance　⑤ Work attitude scoring　⑥Special scoring
January 22nd (Wednesday) 8:00 - 16:00	[Skill Assessor Training (SAT)] ・Scoring and evaluation practice (cont.) ・Formation of evaluation teams and role assignment ・Checking test equipment (Including USB and a printer capable of printing A2 paper, etc.) ・Test venue setup and equipment arrangement Setting up computers to the starting state
January 23rd (Thursday) 8:00 - 16:00	[Skills Evaluation Trial (SET)] 8:00 - 8:15　Registration, opening ceremony 8:20 - 12:40　Practical test (maximum 8 examinees) 12:50 - 13:00 Check the drawing data saved by the examinee (Data saved on USB by the examinees) ・Printing USB data onto A2 paper ・Setting up the scoring venue and preparing for scoring process ・Scoring process
January 24th (Friday) 8:00 - 16:00	[Skills Evaluation Trial (SET)] ・Scoring process ①Creation and display of shapes　②Entering dimensions etc. ③Title block　④Drawing appearance　⑤ Work attitude scoring　⑥Special scoring ・Creating Test result sheet ・Wrap up

3. Review (Mr. Nishitani)

Since 2019, I have been conducting the SAT and SET for CAD Mechanical Drawing Grade 2 in Indonesia, and I was able to complete it successfully again this year. In 2023, there were no SET examinees, so this was the first time in two years that the test was held. However, this year saw a record-high participation, with eight examinees taking the SET. For the SAT, four participants joined the training. To improve the SET pass rate, I conducted three pre-training sessions, which helped four examinees pass the test. The number of successful examinees has remained relatively low each time, likely due to insufficient feedback after pre-training, making it difficult for examinees to overcome their weaknesses. To address this, I would like to propose organizing preparatory training sessions to provide targeted guidance to SET examinees in advance.

4. Questionaire results

SAT [Skills Assessor Training]

◆ Participants: 4 (Respondents: 4) (*5-point scale)

Satisfaction level:	Very satisfied = 3	Satisfied = 1
Usefulness level:	Very useful = 3	Useful = 1
Needs of continuation:	Must continue = 1	Should continue = 3

[Improvements and proposals]

- A wider variety of technical drawings should be prepared for participants.
- Detailed explanation of JIS standard, method of dimensioning.

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

- Mold CAD
- I think that you should conduct 3D training in the future because is highly beneficial and closely related to real-world work environments.
- Creation method of practical test assignment.
- I would appreciate if you could provide pre-training session.

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

Needs of continuation:	Must continue = 1

[Improvements and proposals]

- Expert Nishitani made every effort to provide a clear and thorough explanation of the SAT, helping participants understand the evaluation methods for the practical test.
- IMDIA regrets that only four participants were able to attend this year's SAT. One participant had to cancel due to work commitments and was unable to obtain approval from their supervisor.

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

- Currently, the Grinding Machine skill test is only available up to Grade 3, as there are no Grade 2 assessors in the IMDIA committee. We would like to request SESPP to conduct the SAT & SET for

Grinding Machine Grade 2.

SET [Skills Evaluation Trial]

◆ Assessors: 4 (Respondents: 4) (* 5-point scale)

Satisfaction level:	Very satisfied = 3	Satisfied = 1
Usefulness level:	Very useful = 3	Useful = 1
Level of ability improvement:	Much improved = 3	Improved = 1
Needs of continuation:	Must continue = 2	Should continue = 2

[Improvements and proposals]

- I believe additional practice is essential to further refine the assessors' knowledge and skills.
- I would like to see test questions specifically related to mold design.
- I hope more sample exercises will be provided for practice.

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

- Mold drawing
- CMM Mechanical inspection
- Training on evaluation methods for 3D drawing
- In the future, it will be necessary to obtain qualifications in 3D drawing and design.

◆ Examinees: 8 (Respondents: 8) (*5-point scale)

Satisfaction level:	Very satisfied = 8	Satisfied = 1	Neither satisfied nor dissatisfied = 2
Usefulness level:	Very useful = 4	Useful = 2	Neither useful nor useless = 1
	Useless = 1		
Needs of continuation:	Must continue = 2	Should continue = 5	Neither positive nor negative = 1

[Improvements and proposals]

- Artificial intelligence.
- The translation of test questions needs improvement. Instead of relying solely on machine translation, translations should accurately reflect the meaning in Indonesian.
- In the future, I would be appreciate if you could explain the functions and names of machines related to the drawings being created, making operations more efficient.
- In preparation for obtaining qualifications, more training on mechanical drawing (CAD work) has been provided. (Explanation of the JIS standard for mechanical drawing (CAD work))
- The requirements for Grade 2 training materials have become more specific and refined.
- A one-day intensive session with Expert Nishitani would be beneficial.
- I hope that corrections and responses to instructions will be made more quickly during practical exercises.

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

- Mold design and manufacturing.
- One-day intensive instruction by Expert Nishitani.

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

Needs of continuation:	Must continue = 1

[Improvements and proposals]

- The evaluation results for the eight participants in the SET Mechanical Drawing (CAD work) Grade 2 were unsatisfactory. The training and mock exams conducted by IMDIA with local Experts did not sufficiently enhance participants' technical skills. Moving forward, we recommend allocating at least one full day for a Japanese Expert to provide practical test strategies for skill test examinees.

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

- IMDIA requests support for the introduction of SET Grinding machine Grade 2.