

SKILLS EVALUATION SYSTEM  
PROMOTION PROGRAM (SESPP)

**REPORT ON THE TRAINING SESSION  
IN INDONESIA**

Experts	Mr. NISHITANI Kenji / Panasonic Corporation
Period	Monday, February 17, 2020 ~Thursday, February 20, 2020
Venue	Propinsi Daerah Khusus Ibukota Jakarta, Republic Indonesia PT KMK PLASTICS INDONESIA
Training course	Skills Assessor Training (SAT) , Skills Evaluation Trial (SET)
Trade & Grade	CAD Drawing, 3rd grade

**February, 2020**

## Outline of Results

### 1. <SAT>

**Number of participants: 8 / Number of completed participants: 8**

### <SET>

**Number of assessors: 8**

**Number of examinees: 22 / Number of successful applicants: 11**

### 2. Schedule

Date & Time	Contents
Feb. 17 (Mon) 8:30 AM ~4:00 PM	<b>【Skills Assessor Training (SAT) Day 1】</b> <ul style="list-style-type: none"> <li>· Opening Ceremony</li> <li>· Skills Evaluation System Promotion Program</li> <li>· Explanation of the instruction system of this training</li> <li>· Self-introduction by participants</li> <li>· Assessors' roles and responsibilities</li> <li>· Explanation of trial operation procedure</li> <li>· Job description of the assessor</li> <li>· Explanation of assessor check sheet</li> <li>· Trial operation method</li> </ul>
Feb. 18 (Tue) 8:00 AM ~5:30 PM	<b>【Skills Evaluation Trial (SET) Day 1】</b> <ul style="list-style-type: none"> <li>8:00-8:40 Explanation of the assignment diagram</li> <li>8:40-10:10 Trial</li> <li>(10 minutes break)</li> <li>10:20-11:50 Trial</li> <li>11:50-12:10 Answer drawing</li> <li>(Lunch &amp; break)</li> <li>13:10-14:40 Trial</li> <li>(10 minutes break)</li> <li>14:50-16:20 Trial</li> <li>16:20-16:40 Answer drawing</li> </ul>

<p>Feb. 19 (Wed) 8:00 AM ~4:00 PM</p>	<p>【Skills Assessor Training (SAT) Day 2】</p> <ul style="list-style-type: none"> <li>· Overview of scoring</li> <li>· Scoring items and points</li> <li>· Scoring principle</li> <li>· Explanation of disqualification conditions</li> <li>· Creation of drawing and presentation (alignment about how to score solid line and dashed line)</li> <li>· Title block (description of the point deduction target)</li> <li>· Shape appearance (alignment of 3 viewpoints)</li> <li>· Special scoring (description of the point deduction target)</li> <li>· Case study of the above scoring items based on actual answer drawing</li> <li>· Explanation of how to fill out the scoring sheet</li> <li>· Explanation of efficient scoring techniques</li> <li>· Q &amp; A</li> </ul>
<p>Feb. 20 (Thu) 8:00 AM ~4:00 PM</p>	<p>【Skills Assessor Training (SAT) Day 3】</p> <ul style="list-style-type: none"> <li>· Confirmation of disqualified persons</li> <li>· Confirmation of scoring forms and explanation of setup</li> <li>· Describe each point which is easy to make mistakes</li> <li>· Made 4 teams of 2 persons for scoring</li> <li>· The appearance of the drawings was scored by teams of 3 persons</li> <li>· Score tabulation</li> <li>· All members reconfirmed after scoring (especially about answer drawing on the success line)</li> <li>· Tidying up</li> <li>· Commemorative photograph</li> </ul>

### 3. Reviews

#### ■ Skills Assessor Training

- Risk to the reading comprehension of the drawings was low, since the members who had good grades in the prior training were selected. As a result, participants were able to have questions and answers at a higher level in the pre-workshop, and they were able to deepen their understanding.
- We had a hard time, since drawing rules were based on JIS, so in-house rules were not accepted. How far the rules can be eased would be an ongoing issue.

#### ■ Implementation of Trial

- We received 22 applicants, however, it was very regrettable that relatively many of them were excluded from the evaluation. To each company, the future challenge is to improve the teaching methods and training tasks.
- Since the venue was already rented by other job trades in the past, the test environment was satisfactory. I want to use this experience as a reference when I have trials again in the future.

#### ■ Future Issues

- I would like all the data of the materials translated into the local language such as the assessor training and the competition assignment provided. Please note that in some cases we project it on the projector and explain it.
- This time, it was not confirmed in advance whether the assignment map was drawn in full size. In fact, we were able to enlarge and copy using a printer that was on the spot. Without the printer, the trial could

not have been implemented. In the future, we will have to sure to write down some XY dimensions in the assignment drawing and check the dimensions beforehand.

- The test questions are basically open to the public on the day of the test, but only the questions were distributed to examinees. Since this is the first test, there was no problem, however, we have to be careful not to distribute questions in advance from next time.

#### 4. Results of questionnaire

<SAT>

◆Participants : 10 (Respondents : 10) (8 participants + 2 supporters)

Satisfaction level:	Very satisfied	= 5	Satisfied	= 5	Neither	= 0
Usefulness level:	Very useful	= 4	Useful	= 4	Neither	= 2
Needs of continuation:	Must continue	= 5	Should continue	= 5	Neither	= 0

【Suggestions for improvement】

- We need more time and examples to discuss.
- The training before assessment should be conducted to confirm good result of assessment.
- Time is too short.
- Standard technical drawing training before the test is required.

【Opinions / comments / preferred training session for the future】

- For drawing, for training WSC 2021.
- Detail off Mechanical Drawing.
- CAD Drawing level 2
- Please implement for training of 3D CAD Drawing.
- The results of the practice are feed to the participants so they know their weaknesses.

◆Manager

Needs of continuation: Must continue = 1 Should continue = 2

【Suggestions for improvement】

- I would like to have CAD like this year.
- For the future, the matter must get approval from LSP-LMI.
- Computer room with the same PC.

【Opinions / comments / preferred training session for the future】

- CNC programming and certification

<SET>

◆Assessors : 11 (Respondents : 11) (8 participants + 3 supporters)

Satisfaction level:	Very satisfied	= 2	Satisfied	= 9	Neither	= 0
Usefulness level :	Very useful	= 5	Useful	= 6	Neither	= 0
Improvement level:	Very improved	= 6	Improved	= 4	Neither	= 1
Needs of continuation:	Must continue	= 5	Should continue	= 5	Neither	= 1

【Suggestions for improvement】

- More time and example to discuss. Mixing position are required (I not get pos per page 1).
- Check & explanation about instruction paper before Trial
- Training CAD 3D
- The discussion after completing the task and the trial.
- Standard technical drawing training before the test.

**【Opinions / comments / preferred training session for the future】**

- For competition and made rules for training WSC 2021.
- CAD Drawing level 2 (grade 2)
- The result of the practice are fed to the participants so they know their weaknesses.
- More exercise, to speed, understanding of drawing.

**◆Examinees : 22 (Respondents : 22)**

Satisfaction level:	Very satisfied	= 7	Satisfied	= 14	Neither	= 1
Usefulness level :	Very useful	= 10	Useful	= 11	Neither	= 1
Needs of continuation:	Must continue	= 11	Should continue	= 10	Neither	= 1

**【Suggestions for improvement】**

- Add class (training class before test).
- The assessment should be clearly understood and printed well.
- For equipment (computer) using facility from facility placement.
- Allowed to use DraftSight software.
- Give a book of manual.
- My request, I don't need prepare laptop or PC and the software I hope hardware & software can prepare by event organization. Because in my company, for bring hardware & installation software are very hard.
- My idea for improvement is; we want to training before examinees, because every company are difficult, some company not study about die casting or only less knowledge.

**【Opinions / comments / preferred training session for the future】**

- Training welding
- Training mold maintenance
- Next, Training CAD 3D level 2 & 1.
- CAD Level 2
- Mold molding
- CAD-3D / Design (4 persons)
- I want to basic standard for 2D CAD, when teaching with my students.
- Create drawing for competition.
- I hope next not only about Die casting Drawing, but mold drawing, part drawing etc.

**◆Manager**

Needs of continuation:      Must continue = 1      Should continue = 2

**【Suggestions for improvement】**

- I hope to have CAD Drawing Grade 3, as this year
- Certification for 3D CAD.
- Certification for CNC programmer.
- Information for training schedule (detail) before activity.
- Actual simulation, 3 assessor check for all item

**【Opinions / comments / preferred training session for the future】**

- More often tests like this to maintain the skill of draft.