

SKILLS EVALUATION SYSTEM  
PROMOTION PROGRAM (SESPP)

**REPORT ON THE TRAINING SESSION  
IN INDONESIA**

Experts	Mr. NAKAZAWA Makoto
Period	Tuesday, September 24, 2019 ~Friday, September 27, 2019
Venue	Propinsi Daerah Khusus Ibukota Jakarta, Republic Indonesia PT KMK PLASTICS INDONESIA
Training course	Skills Evaluation Trial (SET) · Skills Assessor Certification (SAC)
Trade & Grade	Plastic Injection Molding work 2nd grade

**September, 2019**

# Outline of Results

## 1. Number of participants

**Assessors: 8** / **Newly certified assessors: 6 (out of 8)**  
**Examinees: 10** / **Successful applicants: 10**

## 2. Schedule

Date & Time	Contents
Sep. 24 (Tue) 8:30 AM ~4:00 PM	<b>【Skills Evaluation Trial(SET) / Skills Assessor Certification(SAC) Day 1: Preparation】</b> Reception Opening ceremony Orientation  Explanation about the assessor certification and the application form Explanation about the assessor check-sheet, self-evaluation About the contents of practical test and the role of assessors Checks and preparation of the test site Explanation of scoring procedures Assign assessors into two groups
Sep. 25 (Wed) 8:30 AM ~4:00 PM	<b>【Skills Evaluation Trial(SET) / Skills Assessor Certification(SAC) Day 2 : Skills test】</b> Standard time : 50in. (additional time : 15 min.) / person 09 : 00-10 : 00 10 : 00-11 : 00 11 : 00-12 : 00 13 : 30-14 : 30 14 : 30-15 : 30
Sep. 26 (Thu) 8:30 AM ~4:30 PM	<b>【Skills Evaluation Trial(SET) / Skills Assessor Certification(SAC) Day 3】</b> How to evaluate the products (lecture) Safety on mold maintenance (lecture) Interview to the target assessors for the certification Briefing by assessors Exchange opinions regarding the trial and products evaluation
Sep. 27 (Fri) 8:30 AM ~2:30 PM	<b>【Skills Evaluation Trial(SET) / Skills Assessor Certification(SAC) Day 4】</b> Products evaluation Scoring, test results Interview to the target assessors for the certification Summary  Closing ceremony

### 3. Reviews

Skills Evaluation Trial and Skills Assessor Certification on Plastic Injection Molding 2<sup>nd</sup> grade were carried out from Sep. 24<sup>th</sup> to 27<sup>th</sup> in Indonesia and I was in charge of it as an expert.

The trial was conducted by the assessors who have completed the Skills Assessor Training five years ago. The range of their responsible job is very wide and there were participants who are in charge of mold maintenance, special metal casting and others aside from molding. Regarding the Skills Assessor Certification, the assessors who are not in charge of molding in their regular work were not able to pass the certification because the evaluation score on “scoring and evaluation” out of three evaluation items; “preparation”, “implementation”, “scoring and evaluation” is not sufficient. This time, there was not enough time of lecture for assessors because the lecture and the trial were in parallel so next time it is necessary to secure a sufficient time for the lecture and multiple attendants to the trial.

The trial on Plastic Injection Molding started in 2013 and it has been independently conducted without problems on the Indonesia side so far. However, I determine that it may be the time to have discussion and give support in order to grasp the current situation and improvement.

### 4. Results of questionnaire

#### ◆Assessors : 8 (Respondents : 8)

Satisfaction level:	Very satisfied = 6	Satisfied = 2	Neither = 0
Usefulness level :	Very useful = 6	Useful = 2	Neither = 0
Needs of continuation:	Must continue = 5	Should continue = 3	Neither = 0
Improvement level:	Very improved = 7	Improved = 1	Neither = 0

#### 【Suggestions for improvement】

- I would like to learn about the types and special features of plastic next time. I also would like to know what (chemicals) should be added other than the materials.
- I hope to take the trainings not only as an assessor but also as a trainer / instructor.
- I would like to learn about mold maintenance and trouble-shooting as well as evaluation of products and workers.
- I want to try machines other than made by NISSEI. I also want to try more complicated process work. (This time, 1 speed & 2 pressure)
- I want to gain knowledge more in regards to molding.
- I want to acquire wider knowledge of plastic molding.
- Securing the test site and machines for the trial is necessary.
- Acquisition of theoretical knowledge regarding machines and injection molding processes are necessary.

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

- More knowledge about tips and how to countermeasure some common problems that are usually found in injection molding processes should be added.
- Trouble-shooting / injection molding
- Mechanical Inspection, Mold Design (4 people), Mold Maintenance (4 people), Mechanical Injection, CAD Drawing
- Training for; Mold Maintenance, maintenance of machines for Plastic Molding, Mold Design, setting

## of Plastic Injection Molding

### ◆Examinees : 10 (Respondents : 4)

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

#### 【Suggestions for improvement】

- Should add the training regarding acquisition of theoretical knowledge.
- Should add Modern Plastic Injection Molding.
- Should add other injection molding.

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

- Mold Design (4 people).

### ◆Manager : 2 (Respondents : 2)

Needs of continuation:	Must continue = 1	Should continue = 0	Neither = 1
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#### 【Suggestions for improvement】

- More trials →addition of higher level of trial→currently, once a year→about three time a year
- The trial should start from preparation until summary of test results.

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

- Skills job trades for strengthen the practice work on mold design (though there is no concrete idea)
- Plastic Injection Molding level 3 (basic)