

SKILL EVALUATION SYSTEM  
PROMOTION PROGRAM (SESPP)

REPORT ON THE TRAINING SESSION  
IN VIETNAM

Experts	Mr. Takuma YOSHIDA (Hitachi Global Life Solutions, Inc.)
Period	Monday, February 21 <sup>st</sup> , ~ Wednesday, February 23 <sup>rd</sup> , 2022
Venue 【Remote Lecture】	Various places in Vietnam Vinh Long University of Technology and Education(VLUTE) Ba Ria Vung Tau College of Technology (BCTECH) Participants attended online Various places in Japan Hitachi Global Life Solutions, Inc., Ibaraki Studio Always, Hachioji City, Tokyo JTB Corp., Chiyoda-ku, Tokyo
Training Course	Assessment & Marking Method (AMM)
Trade & Grade	Plastic Die Engineering

March, 2022

# Outline of Results

## 1. Number of Participant

**<AMM>**

**Experts: 18 / Competitors: 6**

## 2. Schedule

Date & Time	Contents
February 21 <sup>st</sup> (Mon.) 8:30 - 16:30 (All local time)	<p><b>[AMM: Assessment &amp; Marking Method]</b></p> <p>① Check Internet Connection</p> <p>② Opening Ceremony; Interpreter: Mr. Nguyễn Tuấn Anh</p> <p><b>[Introduction of expert and lecturers]</b></p> <p><b>Expert: <u>Mr. YOSHIDA Takuma</u></b></p> <p style="padding-left: 20px;">Instructor of Plastic Die Engineering Skill Competition Human Resources Department, Safety &amp; Technical Training Group, Hitachi Global Life Solutions, Inc.</p> <p style="padding-left: 20px;">* Competitor at 41<sup>st</sup> WorldSkills London 2011 (Mold Making)</p> <p><b>Instructor: <u>Mr. MURATA Teppei</u></b></p> <p style="padding-left: 20px;">Human Resources Department, Safety &amp; Technical Training Group, Hitachi Global Life Solutions, Inc.</p> <p style="padding-left: 20px;">* Silver Medalist of Plastic Die Engineering at 58<sup>th</sup> Japan National Skills Competition (Aichi))</p> <p><b>Demonstrator: <u>Mr. TAKANO Aito</u></b></p> <p style="padding-left: 20px;">* Gold Medalist of Plastic Die Engineering at 59th Japan National Skills Competition (Tokyo)</p> <p><b>Demonstrator: <u>Mr. MASHIKO Kentaro</u></b></p> <p style="padding-left: 20px;">Human Resources Department, Safety &amp; Technical Training Group, Hitachi Global Life Solutions, Inc.</p> <p>③ Training session</p> <ul style="list-style-type: none"> <li>· Introduction of Plastic Die Engineering occupation (part 1) &amp; Introduction of Plastic Die Engineering occupation (part 2)</li> <li>· Explanation on Safety rules, competition management plan &amp; assignment entries</li> <li>· Break (COVID-19 measures, ventilation &amp; disinfection) * In every location</li> <li>· Assignment 2-1 (design competition) Demonstration, Q &amp; A</li> <li>· Confirmation on the following day's schedule</li> <li>· Cleaning (COVID-19 measures, ventilation, disinfection) in every location</li> </ul>
February 22 <sup>nd</sup> (Tue) 8:30-16:30	<p><b>[Assessment &amp; Marking Method (AMM)]</b></p> <p>① Checking Internet Connection</p> <p>② Training session (Plastic Die Engineering)</p> <ul style="list-style-type: none"> <li>· Explanation of competition schedule (Overall overview); Assignment 1</li> </ul>

	<ul style="list-style-type: none"> <li>(3D modeling) demonstration; Q &amp; A</li> <li>· Preparation for the competition (Machining)</li> <li>· Break (COVID-19 measures, ventilation &amp; disinfection) * In every location</li> <li>· Demonstration of Assignment 2-2 (Machining)</li> <li>· Lunch break (COVID-19 measures, ventilation, disinfection)</li> <li>· Demonstration of Assignment 2-2 (Finishing); Q &amp; A</li> <li>· Break (COVID-19 measures, ventilation &amp; disinfection) * In every location</li> <li>· Demonstration of Assignment 2-3 (Injection molding); Q &amp; A; Review; Confirmation on the following day's schedule</li> <li>· Cleaning (COVID-19 measures, ventilation, disinfection) in every location</li> </ul>
<p>February 23<sup>rd</sup> (Wed) 8:30-16:30</p>	<p><b>[Assessment &amp; Marking Method (AMM)]</b></p> <ul style="list-style-type: none"> <li>● Training session (Plastic Die Engineering)</li> <li>· Explanation of marking criteria (overall overview)</li> <li>· Marking Assignment 1 (3D modeling) and prior preparation to the marking of Assignment 2-1 (Mold design)</li> <li>· Break (COVID-19 measures, ventilation &amp; disinfection) * In every location</li> <li>· Marking Assignment 2-1 (Mold design); Q &amp; A; Marking mold's dimensions ①</li> <li>※ The same product number as used at the Japan National Skill Competition and the measuring instruments manufactured by Keyence Co., Ltd.</li> <li>· Lunch break (COVID-19 measures, ventilation, disinfection)</li> <li>· Marking mold's appearance ②; Molded product marking; Q &amp; A</li> <li>· Break (COVID-19 measures, ventilation &amp; disinfection) * In every location</li> <li>· Review</li> <li>· Closing Ceremony &amp; Wrap up by Mr. Takuma YOSHIDA</li> <li>· Questionnaire</li> <li>· Cleaning (COVID-19 measures, ventilation, disinfection) in every location</li> </ul>

## 1. Review (By Mr. YOSHIDA)

Due to COVID-19 pandemic, we held this training session online.

In the original plan, I designed the content of the training on operational precautions and specific preparations to be performed by "assessors", who are skill test committee members and skill competition committee members. But since there has been no record of this skill competition in Vietnam, I changed it into the schedule which based on demonstrations by Japanese medalists. (Mr. Takano - gold medalist at the 59<sup>th</sup> Japan National Skill Competition and Mr. Murata – silver medalist at the 58<sup>th</sup> Japan National Skill Competition). I think that I was able to score the assignments in real time and convey the points of quality judgment and the importance of Plastic Die Engineering technology. However, there were still some parts left that were difficult to convey online, so in the next training session, I am looking forward to having participants to come and see the actual process in Japan or I visit Vietnam in person so that the training course will have more realistic sensations. Thank you very much for your offering me such a valuable experience.

## 4. Questionnaire results

### ◆ Experts: 18 (Respondents: 18 )

Satisfaction level:	Very satisfied = 16	Satisfied = 2
Usefulness level:	Very useful = 17	Useful = 1
Needs of continuation:	Should continue = 17	Should continue = 1
Degree of improvement:	Very improved = 9	Improved = 9

#### [Improvements and proposals]

- I would appreciate if you could give the lectures intensively in one venue
- Offline training (in Vietnam) is preferable (11)
- I also want to participate in the training in Japan (3)
- I would appreciate if you could continue to conduct this course next year
- I would appreciate if you could extend the training period to be 5 days
- I want to actually see the machines used in the training
- I would appreciate if you could instruct us for the Shanghai Worldskills
- I was able to understand the skills required for Japanese and international skill competitions
- I think that learning outcomes will be much improved if you could conduct training for each skill, such as 3D design, machining, calculation ability, assembly ability, etc
- When the Covid-19 pandemic is contained, I would appreciate if you could conduct the training course in Vietnam in person and then go sightseeing

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

- Plastic Die Engineering (9)
- Milling (5)
- Mechanical drawing (4)
- Automotive related skills
- Grade 1 Lathe (2) and Mechanical inspection

### ◆ Competitors: 6 (Respondents: 6)

Satisfaction level:	Very satisfied = 5	Satisfied = 1
Usefulness level:	Very useful = 6	Useful = 0
Needs of continuation:	Should continue = 6	Should continue = 0
Degree of improvement:	Very improved = 4	Improved = 2

#### [Improvements and proposals]

- Offline training (in Vietnam) is preferable (4)
- I would appreciate if the competitors can practice the assignment under the instructions given by the experts

- I would appreciate if you could teach us how to solve the assignments
- I'm glad that I could participate in this training course
- I want to participate again next year. This training course is so good and there's no room for improvement
- I hope that the situation of Covid-19 pandemic will be improved next year

[Opinions, comments and preferred trades for the future]

- Plastic Die Engineering (3)
- Milling (2)
- Mold (2)
- Machining

◆ Manager: 1 (Respondent:1)

Needs of continuation: Should continue = 1 person

[Improvements and proposals]

I would appreciate if you could conduct the demonstration in person in Vietnam

[Opinions, comments and preferred trades for the future]

Plastic Die Engineering