

The Project Implementation Report of  
Skills Evaluation System Promotion Program (SESPP)  
in **【VIETNAM】**

- ◆ 2nd to 6th of October 2017
- ◆ Hanoi University of Industry (HaUI), Hanoi, Socialist Republic of Vietnam
- ◆ Machine Inspection grade 3  
Skills Assessor Training (SAT)& Skills Evaluation Trial (SET)

December 2017

# 1. Outline of the project

Duration: 2nd to 6th of October 2017

①SAT (2nd to 4th of October) ②SET (With training Guidance) (4th to 6th of October)

Trade: Machine Inspection (MI) grade 3

Assessor: Mr. Masanori Yunoki, Mr. Fumio Inagawa (SESPP Secretariat)

Number of Participants: ①SAT: 5 participants (6 joined as assessor for SET later) ②SET: 15 Examinees

Date	Training Contents	
Oct 2 (Mon) 8:45~16:30 <b>【SAT】</b>	<ul style="list-style-type: none"> <li>• Opening ceremony</li> <li>• Orientation (Outline of SESPP Implementation)</li> <li>• Commentary of machine inspection and practical examination.</li> <li>① Outline of Mechanical Inspection</li> <li>② Commentary on grade 3 practical examination</li> <li>③ Exercise for practical test</li> </ul>	<ul style="list-style-type: none"> <li>· Intensive explanation about practical test of machine inspection</li> <li>· For Practice exercises: Skill instructor from Ebara Vietnam was requested to be in charge of demonstration and guidance</li> </ul>
Oct 3 (Tue) 8:30~16:30 <b>【SAT】</b>	<ul style="list-style-type: none"> <li>· Description of the skill assessor preliminary lecture text.</li> <li>· Description of checklist</li> <li>· Drawing layout at examination site and exercise practical examination</li> <li>· Description of marking standard and marking procedure</li> </ul>	<ul style="list-style-type: none"> <li>· Conduct practical training with equipment at practical examination site.</li> </ul>
Oct 4 (Wed) 8:30~16:30 <b>【SAT】</b>	<ul style="list-style-type: none"> <li>· Role playing of practical examinations.</li> <li>· Reflecting and confirming of role play.</li> <li>· Practice of marking evaluation</li> <li>· Select and placement of assessors of national examination (Oct 5)</li> </ul>	<ul style="list-style-type: none"> <li>· Dividing as examinees and assessors, they conduct examination and marking in a role play learning focused on evaluation.</li> </ul>
Oct 5 (Thu) 8:30~17:15 <b>【SET】</b>	<ul style="list-style-type: none"> <li>• Opening ceremony of National Trade Skill Testing &amp; Certification</li> <li>• National Trade Skill Testing &amp; Certification: Practical Examination (Conducting Examination one by one from Morning to Afternoon)</li> <li>• National Trade Skill Testing &amp; Certification: theoretical examination.</li> </ul>	<ul style="list-style-type: none"> <li>· Conducted practical and theoretical test examination on Skill Evaluation Trial National Skill Test</li> <li>· Practical test (8:45~15:30)</li> <li>· Theoretical test (16:00~17:00)</li> </ul>

<p>Oct 6 (Fri) 8:30~17:00 【SET】</p>	<ul style="list-style-type: none"> <li>• Training of marking</li> <li>• Confirmation of questionnaire of trial test (Practical and Theoretical)</li> <li>• Evaluation meeting (Q &amp; A session throughout)</li> <li>• Closing ceremony</li> </ul>	<ul style="list-style-type: none"> <li>• Marking and evaluation by the assessors</li> <li>10 examinees passed theoretical test</li> <li>13 examinees passed practical test</li> <li>10 examinees passed both theoretical and practical test</li> </ul>
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## 2. Feedback from instructors

### ◆ General review

Regarding the training facility, the university side was well prepared as; all of the classroom facilities, measuring instruments, training aids and air conditioning equipment were all fully equipped. Moreover, examinees of Skill Evaluation Training were teachers or instructors of industrial universities and training centers. Therefore, their degrees of comprehension of the lecture contents were excellent and cooperative on the lecture. So, we were able to finish it on schedule program on time. In the national examination implementation, Mr. Luong, the chief assessor put all opinions together. Therefore, attitude of the assessors was well and preparation of the examinations was success and it was preceded smoothly. The score of evaluation was fair and equitable as according to the standard.

### ◆ Regarding future training

- ① In this time, participants of SAT and assessors of SET were extremely excellent. All participants has experienced in the assessor training of a lathe trade or a milling machine. They are familiar with how to proceed with SET; therefore we were able to process it very smoothly. In the future, if we organize the team of evaluators with them, MI grade 3 can be implemented without any problem.
- ② Tread gauge, three-wire gauge and gear tooth micrometer were installed in HaUI with cooperation from Mr. Uchino, an expert of JICA. In the future, if the gear measurement instrument will be installed, it makes it possible to implement SET of MI Grade 2.
- ③ The room where the skill evaluation trial was held, it had completed with air conditioning and the air conditioning equipment. The room temperature could be controlled to a constant temperature of 28°C. Therefore, there was no the measurement error occurred due to the temperature change.
- ④ The SAT and SET of MI had been held at Ebara Vietnam Pump Company Limited in Hai Duong province as the venue so far. Because it takes 1.5 hours by car from Hanoi, examinees who work factories near Hanoi or student from College near Hanoi found difficulties to take examination in the past. As the result of the successful implementation of SAT and SET in HaUI this time, it can be said that it became easier to take examination for employees of companies located in the factory near Hanoi, instructors of vocational college students. The content of skill test of the MI focused on the basic measurement work in the manufacturing and processing, so, it is a highly demanded trade for many people. Hereafter, applicants for examination of companies in Hai Duong province and Hai Phong Industrial Zone will take an exam at Ebara Vietnam Pump Company Limited. Applicants of examination near Hanoi now are able to take the examination at the venue in the near Hanoi because the system has set up to take the exam at HaUI. So, it is expected as significant number of participants will be increased.



### 3. Questionnaire result from participants

#### ◆ Skill Assessor Training (Number of examinee: 5)

Levels of satisfaction: Very satisfied: 5 examinees

Usefulness: Very useful: 5 examinees

Continuity: very much like to continue: 5 examinees

#### 【Opinion・Impressions】

- This time, the lecture was very useful, especially to worker in charge of the mechanical system.
- We would like to have more measuring instruments from the support of JICA, especially a three-wire measuring tool for this training purpose.
- I would like you to conduct more training from the other subject as well.
- I would like to request to have SAT and SET of MI at HIVC (Hanoi Industrial vocational college university).
- I expect to participate in other lectures. I would like to have a basic set and a set of exam questions.

#### ◆ Skills Evaluation Trial (Number of examinee: 15)

Levels of satisfaction: Very satisfied: 10    Satisfied: 4    Unsatisfied:1    (Levels of satisfaction: 93%)

Usefulness: Very useful: 1    Useful: 3    Neither Agree Nor Disagree: 1    (Usefulness: 93%)

Continuity: Very much like to continue: 13    It should: 2 (Wish to continue:100%)

#### 【Opinion Impressions】

- I was nervous at the exam and I hope to get the results as soon as possible.
- Task 1 has not enough time. It should be wish it to make it a little longer.
- The result should be notifying the examinee directly.
- I was very satisfied with National Trade Skill Testing & Certification (2 examinees)
- This activity is very useful, it can be try and it helps to study a lot furthermore.
- Less practice time. When practicing, I am not sure how to practice it.