

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

- ◆ 4th to 8th December, 2017
- ◆ Hanoi Industrial Vocational College (HIVC) Hanoi, Socialist Republic of Vietnam
- ◆ Lathe grade 3 Vocational Training Method (VTM)

February, 2018

1. Outline of the project

Duration: 4th to 8th December, 2017

Venue: Hanoi Industrial Vocational College (HIVC), Socialist Republic of Vietnam

Trade: Lathe grade 3 Vocational Training Method (VTM) (Training on how to make standard worksheet based on Skill Test Practical Test Project of Lathe grade 3 and instruction on how to organize practical skill training with the standard worksheet)

Instructor: Mr. Fumio Inagawa (Technical Adviser, Secretariat of SESPP)

Number of the participants: 11

Schedule

Date	Training Contents	
Dec 4 th (Mon) 8:30~16:30 【VTM】	<ul style="list-style-type: none"> ◆Opening ceremony •Confirmation regarding recognition degree of standard worksheet and commentary on its importance •Explanation of how to conduct practical skill training in Japan and commentary on effect of standard worksheet •The structure of standard worksheet and how to make it 	<ul style="list-style-type: none"> •Check participants' status of use of standard worksheet. The number of the participants who use it was 4.
Dec 5 th (Tue) 8:30~16:30 【VTM】	<ul style="list-style-type: none"> •Practice on Standard worksheet making (5 groups are made) <ul style="list-style-type: none"> •Discussion of processing procedure based on Practical Test Project of Lathe grade 3 •Making work-flowchart and presentation for it •Making standard worksheet based on the flowchart made •Commentary on cutting condition and technique and discussion while making standard worksheet 	<ul style="list-style-type: none"> •5 groups (Group with 2 people X4 Group with 3 people X1)
Dec 6 th (Wed) 8:30~16:30 【VTM】	<ul style="list-style-type: none"> •Move to training room and preparation for cutting operation <ul style="list-style-type: none"> •Preparation and adjustment of lathe •Based on their own Standard worksheets process component/part1 and component/part2. •Go back to lecture room and commentary of essential points of processing 	<ul style="list-style-type: none"> •In the pair, one does processing and the other check the procedure and cutting condition •Based on the result of the pair work, modify their Standard worksheet

Dec 7 th (Thu) 8:30~16:30 【VTM】	<ul style="list-style-type: none"> • Move to training room and process component/part1 and component/part2 by exchanging the role on 6th • Same as 6th, based on the result of the pair work, modify their Standard worksheet if necessary 	<ul style="list-style-type: none"> • Processing work reflecting the result and instruction from yesterday
Dec 8 th (Fri) 8:30~16:30 【VTM】	<ul style="list-style-type: none"> • After processing is done, each group made presentation regarding the result and they had discussion. ◆ Summary • Discussion regarding the utility of Standard worksheet and ensure the effect to training instruction. 	<ul style="list-style-type: none"> • Participants exchanged opinions about appropriate setting method of cutting condition based on the processing procedure from each group. They also discussed the effect of Standard worksheet

2. Feedback from Instructor

◆ General review

Making Standard worksheet and verifying cutting condition based on their Standard worksheet was first experience for the participants. By the result of the questionnaire, this training seemed to be very useful to them. There were many opinions saying that processing work based on Standard worksheet is easy to understand, the work was done smoothly under appropriate processing conditions. Many participants commented that, practical skill training with Standard worksheet which displays process charts for each processing procedure and which also describes process condition and points will help trainees to understand easily and also will make them have habit of trying to find appropriate cutting condition. According to those comments, it is evaluated that participants understood the effect and benefit of Standard worksheet.

◆ Regarding future training

I heard that in Vietnamese training sites, there is no habit of conducting trainings with Standard worksheet which includes Processing procedure, Process chart, cutting condition and essential factors for making its content easily understood. There was a comment that the method of making Standard worksheet, then verifying processing procedure and cutting conditions and finding out appropriate processing procedure and cutting condition is very useful because it prevents chatter and tear on the finished surface and turning tools become worn out and chipped. Review training about one's skill and competency, the training of re-evaluation of work procedure and process condition targeting instructors is an effective program and I strongly felt that the training should be conducted as a part of TOT (Training

of Trainer) program.

What I have found out through this training and the training on Lathe grade 2 in last August is that training capacity of training instructors in Vietnam will be certainly improved if short term TOT program is conducted regarding re-evaluation on various skill and competency, maintenance and inspection of Lath, KYT (Kiken Yochi Training=Danger Prediction Training), 5S and Work Place Improvement. Like the attempt of developing the ability of instructors by conducting instructor training at Polytechnic University in Japan, development and implementation of well-organized training program for instructors and preparation of the system for many instructors to join those training are expected in Vietnam.

3. Participant Feedback & Questionnaire result

【Questionnaire result】 (Received from 10 participants)

- Degree of satisfaction: Very satisfied: 8 persons Satisfied: 2 persons (100%)
- Degree of usefulness: Very useful: 9 persons useful: 1 person (100%)
- Degree of demand for continuation: definitely should be continued: 6 persons
Should be continued: 4 persons (100%)

【Opinions, Feedback】

- In this Lathe grade3 Vocational Training Method, we learned work procedure. Because we actually practiced Lathe work, the experience will be very useful.
- I would like to participate in useful program like this training course again. Thank you.
- I would like you to implement VTM instructed by Japanese experts at least twice a year, every year at HIVC.
- I would like you to let me participate in National Trade Skill Test as an assessor. (from 2 participants)
- I expect you to conduct more training method course for National Trade Skill Testing, Skills Assessor Training and Skills Assessor Certification too.
- Please let me participate in Vocational Training Method on Machine Inspection.
- I would like to participate in Lathe grade 2 VTM.

【Opinions and Feedback from person in charge at the venue】

- Japanese companies approve certificate of passing of Japanese-Style Lathe grade 3
- We would like to continue to conduct National Trade Skill Test on Lathe, Milling Machine and Machine Inspection.