

We publish J-Skills News to inform Japan's support development of vocational skills training and vocational skills test in Southeast Asia.

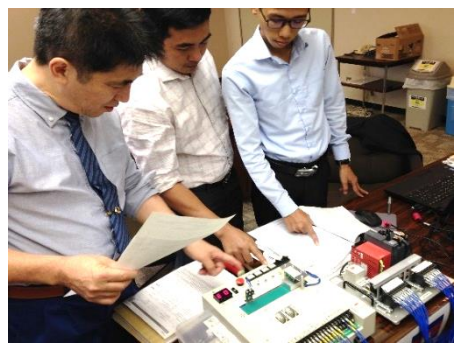
Seven people from Vietnam and Cambodia participated in Skills Evaluation Method course on the field of electric equipment assembly, and observed Skills Competition in Okinawa.

Seven people from Vietnam and Cambodia government human resource development and vocational education organizations who are in charge of skills assessment for electric equipment assembly arrived in Japan on the 29th of October 2018, and participated in two weeks training course. This year's subject is sequence control. Sequence control is a vital technology to automate industrial productions. In Japan, sequence control skilled workers acquire their skills by taking national skills tests and participating in skills competitions.

In Vietnam, each factory which is going to automate production requires skilled workers, however there is a shortage of sequence control skilled worker. Build the system of sequence control following to machining, and it is expected that sequence control national skill test to be introduced to government skill standard.

In Cambodia, although factory automation has just commenced, demands for sequence control education courses are high at major national training schools in Phnom Penh, because it is said that a level of human resource development of sequence control workers would affect to the future of factory automation.

The trainees participated in training course in Japan are going to practice skills evaluation system to establish it through working for skills training in electric subjects and operating vocational education and government human resource development system after returned. We expect that they will promote in fostering competitive candidates in the field of mechatronics and electrical installation for WorldSkills ASEAN 2020.



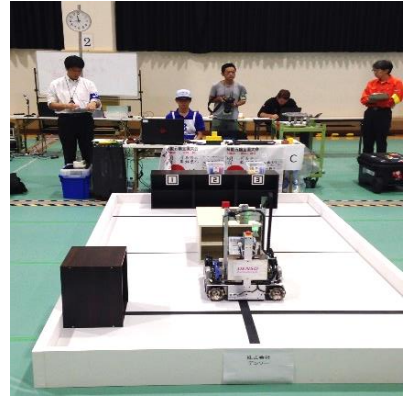
Practical training on sequence control



Practical training on sequence control



Study trip - Mechatronics



Study trip - Mobile Robotics

□ Bids for WorldSkills 2023

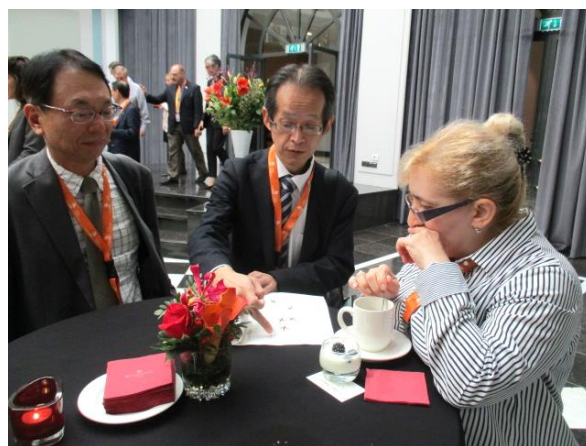
The 18th of October 2018, Japan announced to join the bid for the 2023 WorldSkills Competition at World Skills International general meeting in Amsterdam (WSI). Japan seeks to host WorldSkills Competition 2023 in Aichi prefecture, Japan. During the general meeting, the each representative from the Ministry of Health, Labour and Welfare (MHLW) Japan, Aichi prefecture, and JAVADA conferred with the representatives from other nations to give presentation of benefits of holding WorldSkills Competition in Aichi prefecture. France has also declared its intention to bid. Candidacy application deadline was the 23rd of November 2018, the vote will take place in August during the WorldSkills Completion 2019 Russia.

(Ministry of Health, Labour and Welfare)

(Reference) WorldSkills website <https://www.worldskills.org/what/competitions/>
WorldSkills Japan website <http://worldskills.jp/en/>



Mr. Ueno, Parliamentary Secretary for MHLW expresses the intention to bid at WSI general meeting.



Mr. Nakajima, Executive Director of Employment Promotion in Aichi prefecture, explains of benefits to the official representative of Armenia.

□ Summary of the status of Japan's skills test implementation in FY 2017

Skills Test System has a history of nearly six decades, the Government of Japan notarizes the workers' skills by practical tests and theoretical tests.

In FY2017, 784,000 people took exams, and 330,000 people passed it and have acquired the title of "Skilled Worker". The skills field reaches 130 job trade in manufacturing, construction and service, and the level is divided into 1st grade as skilled worker level, 2nd grade as work-ready level, 3rd grade as beginners level, etc. The job trade that a lot of examinees took exam in FY 2017 was financial planning, followed by machine maintenance, machining, etc.

Skills tests for 1st and 2nd grade have been utilized for machinery / electric machinery manufacturers, and specialized construction contractors who need skilled workers to receive orders for public works in Japan. For 3rd grade, a lot of students from industrial high schools and vocational training schools took exams. Also, technical intern trainees have to take practical test in their third year in order to evaluate what degree they have acquired skills. In Skills Evaluation System Promotion Program (SESPP), we are engaged in activities to establish skill evaluation system at the same level with Japan's skills test to Asian counties.

(Ministry of Health, Labour and Welfare)

(Reference) MHLW Press Release

<https://www.mhlw.go.jp/english/policy/employ-labour/human-resources/dl/2017annual.pdf>

□ Training Report

■ Commencement on skills evaluation on machining in Cambodia

From 16th (Tue) to 20th (Sat) of October 2018, SESPP implemented a course to create exam questions for turning 3rd grade at National Polytechnic Institute of Cambodia (NPIC). The participants were the selected eight instructors from Industrial Training Institute (ITI) that has Departments of Machinery, National Polytechnic Institute and others of Cambodia (NPIC). The lecturer of this course was Mr. Fumio Inagawa – former Chief Advisor with JICA on the Project for Human Resource Development of Technicians at Hanoi University of Industry. Mr. Fumio Inagawa instructed how to create theoretical and practical exam questions which are equivalent level to the turning 3rd grade of Japan's skills test. With the course, eight trainees were assigned to three groups and they created exam questions in Khmer that three assignments for the practical test and 30 questions for the theoretical test.

In Cambodia, the supports on SESPP for the job trades of machining has commenced later than electrical engineering. A first Vocational Training Method (VTM) seminar on turning will take place in December. If well-trained skills assessors have sufficiently been certified for the skills test in the future, it will qualify a certain standards to implement Japan's skills test.



Lecture



Creating exam questions

■ Skills Evaluation Trial on Sequence Control 2nd Grade in Vietnam

From 23rd (Tue) to 26th (Fri) of October 2018, Skills Evaluation Trial on Sequence Control 2nd Grade was implemented at Hanoi College for Electro-Mechanics (HCEM) in Vietnam.

The participants were the selected six instructors from Hanoi College for Electro-Mechanics (HCEM), Hanoi University of Industry (HaUI) and Saigon Hi-Tech Park Training Center (SHTP). The examinees were 10 people from the private companies such as Mitsuba Vietnam Co., Ltd., Denso Manufacturing Vietnam Co., Ltd., Rexam-Hanacans Joint Stock Company, and from the training center such as HaUI, Hanoi Industry Vocational College (HIVC) and Hanoi Vocational College of High Technology (HHT). The lecturer of this course was Mr. Akira Uchiyama (Denso E&TS Training Center Corporation). For the theoretical test, four examinees out of ten reached to the level equivalent to pass the Japan's 2nd grade skills test.

For the practical test, one examinee out of ten was same level as the above. Through this trial, the skills assessors are expected to deepen their understandings of the mindset to officially conduct skills evaluation and its importance as well as the operation and scoring of the skill test.



Theoretical test



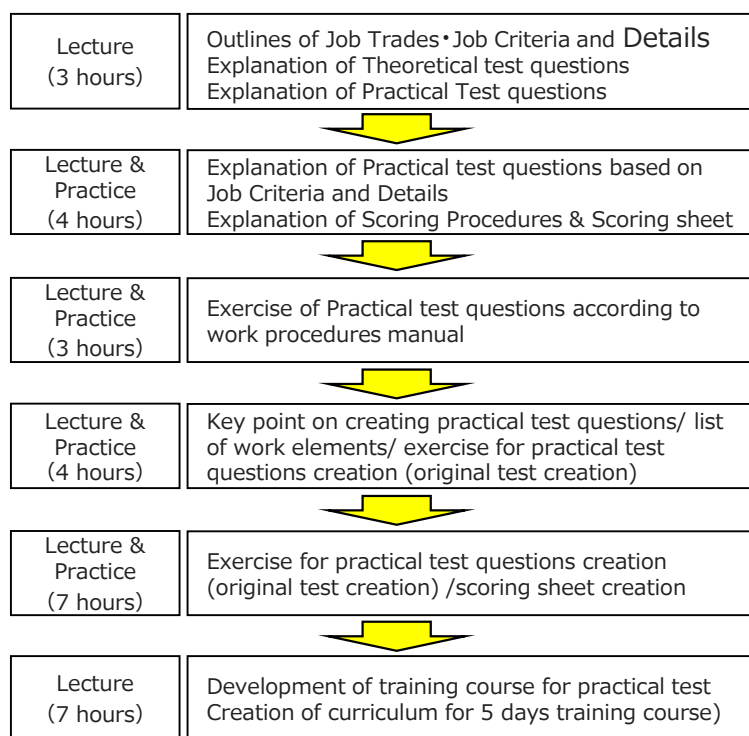
Practical test

Feedback from the participants in SESPP 2018 Collaboration training Course on Skill Evaluation and Vocational Training Method in Japan

The followings are feedbacks from Vietnamese and Cambodian trainees participated in two weeks training course in Japan.

- I would like to make what I have learned from this training useful for the program of skills evaluation system in my country.
- I actually experienced a high Japanese educational level. I have been able to be trained by the lecturers who has high expertise.
- Learning how to create the curriculum and constructing the action plan were really meaningful for me.
- I actually experienced a high levels of Japanese skills through study trip to Skills Competition in Okinawa.
- My understanding has been further deepened by the demonstration on practical test questions of the lecturer by video broadcasting.
- I would like to make it happen the construction of curriculum course of PLC for the students after returned to my country.
- My doubts with the Scoring Sheet have been clarified.
- I wanted to have more time for the practice creating practical test questions using PLC.

◆ Program of the training course for skills test (sequence control for 4 days course)



The participants from Vietnam
From left: Mr. Khoa (SHTP), Mr. Phong (HCEM), Ms. Ha (DVET)



The participants from Cambodia
From left: Mr. Heng (NPIC), Mr. Kryth (NTTI), Mr. Vanny (PPI), Mr. Chanthou (MLVT)

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