

The Impact of the Industrial Apprenticeship Program in Japan to Foster Student Performance Based on the 5 S Principles

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ABSTRACT

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Apprenticeship students in Japan have gained work experience based on the principles of Seiri, Seito, Seiso, Seiketsu, Setsuke (5S) at work. The 5S work principle should be a part of student performance when they return to Indonesia. These study aims are to get an overview: 1) The performance profile of students based on 5S principles while working in Japan. 2) The application of 5S principles during an apprenticeship in Japan impacts daily performance in Indonesia. 3) What factors influence the implementation of 5S performance in the two countries. 4) What benefits are obtained after implementing the apprenticeship program. This study used exploratory research with a population and a sample of 69 students participating in Industrial apprenticeships in Japan from the Catering Engineering Education FT-UNY. The data collection technique used a questionnaire developed from the 5S principle: the data analysis used descriptive analysis and the T-test. The results found that: 1) the 5 S principle had been appropriately implemented when the respondents carried out an apprenticeship in Japan with an average achievement of 86.8%. 2) The application of the 5 S principle has a very high impact on the implementation of daily performance in Indonesia in the dimensions of seiri, seiton, seiso, seikutsu, and sitsuksu, with an effectiveness of up to 98.9%. In general, 5S students' performance while in Japan and in Indonesia did not show any difference. 3) Factors that influence the implementation of 5S performance include work environment, habituation, rules that make habituation, role models from other employees, work culture that is disciplined, clean, neat, and fragile. 4) The experience of implementing 5S in Japan provides benefits to all improvements in all competencies, namely knowledge, skills, and attitudes. However, the most prominent aspect is the attitude that is difficult to find in other apprenticeships. The industrial apprenticeship experience provides 37 points of attitude that give an awareness of discipline, confidence, hard work, responsibility, and teamwork. The results of this study recommend that industrial apprenticeships need to be carried out in selected places and cultures, and after returning to be accommodated in the business incubator program so that it has a positive impact on other students.

Keywords: Industrial apprenticeship, performance, 5S dimension

Kata Kunci: *Industrial apprenticeship, performance, 5S dimension*