

# THE EFFECTIVENESS OF THE HAICHI MODEL TO IMPROVE INDUSTRIAL WORK CULTURE STUDENTS OF THE VOCATIONAL SCHOOL OF YOGYAKARTA STATE UNIVERSITY

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## ABSTRACT

The industrial work culture is very complex but currently has not received much attention as a determining factor for the quality of the workforce. The industrial work culture can be explored for its potential for a continuous improvement in the quality of the workforce. Most of the world of vocational education, which has the responsibility of producing work-ready graduates, still thinks that work in industry is only limited to processing raw goods into finished goods, so that the learning that is carried out only focuses on increasing practical competence. In fact, success in carrying out work in the industry is also closely related to the industrial work culture that must be owned by a worker. The research aims to test the effectiveness of the model that has been developed before. The model in question is the Habituation of Industrial Culture Highly Intensive (HAICHI). The method used was quasi-experimental with a two group posttest only control design. This method is used as one of the development steps, namely formative evaluation in order to obtain a training model that is able to grow industrial work culture in the workforce effectively. The target achievement of this research is the creation of a Workforce Training Model Based on Industrial Work Culture in the Industrial Age 4.0 which is ready to be applied with a good value category. The target output of this research is copyright certificates and research articles published in indexed international journals in reputable databases. The results of this study indicate that: 1) HAICHI is effective in increasing 5R, K3 and Kaizen activities so that it is appropriate to be applied to practical learning in workshops. The cultivation of industrial work habits and culture needs to be carried out consistently and continuously; 2) Models, methods, and ways to increase 5R, K3, and Kaizen activities need to be included in the vocational curriculum so that industrial work habits and culture are formed early, consistently and continuously.

Kata Kunci: *industrial work culture, training, work safety, 5S, kaizen, continuous improvement*