

# **THE EFFECTIVENESS OF INTERNAL QUALITY ASSURANCE SYSTEM MODEL BASED ON ISO 9001:2015 ON TQM PRINCIPLES TO IMPROVE THE PERFORMANCE OF VOCATIONAL HIGH SCHOOLS (THIRD YEAR)**

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## **ABSTRACT**

The purpose of this study was to determine the level of feasibility and effectiveness of the Internal Quality Assurance System (SPMI) model based on ISO 9001:2015 Quality Management based on the principles of TQM (Total Quality Management) to improve the performance of Vocational High Schools.

This research is a follow-up to the previous year's research (second) with the result that a web application-based SPMI model has been obtained which can functionally demonstrate performance as expected. In this third year/stage, the research approach uses quasi-experimental research, using the Pretest and Posttest Group Design models. The SPMI model trial was carried out at SMKN 2 Wonosari. Research subjects included SPMI admin, school principals, unit heads and teachers as users. The data analysis technique uses a different test to see before and after the SPMI model is implemented whether there is a significant difference. Before carrying out the difference test, prerequisite tests are carried out, namely the normality test and homogeneity test.

The results of this study can be concluded that the SPMI model based on ISO 9001: 2015 Quality Management based on TQM principles in SMK has a feasibility level with a very good category. Based on the results of implementing the ISO 9001: 2015 Quality Management-based SPMI model based on the principles of TQM in Vocational High Schools with Web applications it has been proven effective in improving school performance

Kata Kunci: *effectiveness, SPMI, TQM, quality management, performance.*