

FACTORS EVALUATION OF ROAD INFRASTRUCTURE PROJECT IN INTEGRATED IMPLEMENTATION BETWEEN SSHS AND SSHMS STANDARDS

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ABSTRACT

Construction Phenomenon in 2017-2019 shows the ownership of the company's Occupational Safety and Health Management System (SSHMS) certificate has increased close to 70% but the work accident rate has also increased approach 40%. Security, Safety, Health and Sustainability (SSHS) and SSHMS Standards are mandatory for Construction Services Companies based on the mandate of Law No. 02 of 2017 about Construction Services and Government Regulation No. 50 of 2012 about the Implementation of SSHMS. It is necessary to further evaluate the integrated implementation factors between the SSHS and SSHMS Standards and their relation to the understanding level of employees and workers towards them. The research was conducted on twenty-two road infrastructure projects from state-owned enterprise Istaka Karya Inc. Data was collected based on interviews, questionnaires, and supporting documents. Used five independent variables X (SSHS and SSHMS), one dependent variable Y (infrastructure project performance on environmental issues), and one intervening variable Z (employee and workers understanding). Statistical analysis uses Structural Equation Modeling (SEM) - Analysis of the Moment of Structural (AMOS). The result shows a significant relationship between several variables X to Z and Y especially variables Z to Y.

Keywords: Environmental Issues, Performance, SSHS, SEM-AMOS, SSHMS