**ASSESSMENT SYSTEM DESIGNING FOR ENVIRONMENTAL MANAGEMENT MATURITY MODEL BASED ON PROPER METHOD**

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**ABSTRACT**

One form of systems approach which is able to provide direction to achieve a sustainable industry is Maturity Model. Maturity Model provides a systematic framework to serve as a guide in conducting performance improvement. With this system approach, Juliana (2011) designed Maturity Model to measure the maturity level of a manufacturing industry in the realm of environmental management which is one aspect in creating a sustainable industry. However, this study only designed maturity model based on the determination of criteria, sub criteria, indicators, parameters of each indicator, and the Self Assessment questionnaire design used to assess the maturity level of a manufacturing industry. To complete that study, this research proposes assessment system for Maturity Model to determine the environmental management maturity level of a manufacturing industry.

This study examines Proper (Program Penilaian Peringkat Kinerja Perusahaan) method for designing an assessment system that includes of assessment methods and interpretation of results. This research design three assessment methods to determine the level of maturity and validate the results using separated method, slices method, and a complete method. An SOP of Self Assessment process is prepared to support the assessment process of the Maturity Model and as guidelines for assessment in the form of interpretation of the five levels of maturity. The assessment system was implemented in four manufacturing industries, they are PT. Semen Gresik, PT. Lotus Indah
Textile Industries, PT. Integra Lestari and PT. Jaya Pari Steel. Based on the results of the implementation, a complete method is the most comprehensive method in assessing and validating process of Maturity Model’s assessment result.

Keywords: Maturity Model, Proper, Self Assessment Process