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EDITORIAL

Volume 16, No. 2, 2017 of the Journal on Optimization of Systems at Industries (JOSI) consists of ten articles written by researchers and practitioners in the area of industrial engineering from all over Indonesia. Of all ten articles, two articles are from the area of quality management, three articles are in the area of maintenance management, four articles are related to ergonomics and human factors, and one article is from the area of management systems. Therefore, JOSI Volume 16, No. 2, 2017 covers all fields within the body of knowledge of industrial engineering.

The articles from the area of quality management develops an integrated quality management system for a research institutes and standardization in Indonesia. This study revealed the integration of ISO 9001, ISO/IEC 17025, ISO/IEC 17065, and KNAPPP02 in the context of the structure of the process, documents, and organization. Another article examines the quality level of service in one of the telecommunication operator in Indonesia. This paper focuses on the identification of the gaps, mapping quality level of service, and the evaluation of the service quality level.

Articles from the area of maintenance management discuss the maintenance system using different methods. The methods are Maintenance Value Stream Map (MVSM), Reliability Centered Maintenance (RCM), and Programmable Logic Controller (PLC). The four articles from the area of human factors discuss the measurement of workloads and thermal comfort. The measurement of workload then used to determine the amount of labor needed.

One article form the area of management system find out the performance appraisal criteria and sub-criteria of the junior analysts, provide the weighting for each criteria and sub-criteria using Analytic Hierarchy Process (AHP) method, and recommend the planning framework of performance appraisal for junior analyst using Rating-Scale method in order to conduct the office promotion.

JOSI editorial team would like to thank all authors contributing to this edition. The editor would also like to express their gratitude to all reviewers who have worked hard in maintaining the quality of the articles published on this edition. We believe that all articles will have a contribution to the exchange of ideas and knowledge in the area of Industrial Engineering.

Hilma Raimona Zadry

Editor