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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
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Judul Jurnal Ilmiah (Artikel) : Toward Standards Harmonization In Asean Economic Community: A Comparative Study Of National Standardization Bodies In Indonesia And Malaysia

Jumlah Penulis : **Bambang Purwanggono***, Arfan Bakhtiar, Hery Suliantoro, Priska Retnosari Setyowati

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- Kesesuaian dan kelengkapan unsur isi jurnal:** As guided by the journal Content and outline of the journal are quite complete.
- Ruang lingkup dan kedalaman pembahasan:** SWOT matrices are not comparable. Too early to be used as harmonized ASEAN version, further study need to be done to come to ore comprehensive conclusions.
- Kecukupan dan kemutakhiran data/informasi dan metodologi:** Comparative analysis is not clear enough as apple to apple comparison.. References should be more than it is now and also more in the relevant substances
- Kelengkapan unsur dan kualitas terbitan:** Table is too long and figures should be better in visibility. JESTEC is published by School of Engineering Taylor University, a well-ranked private University in Malaysia. JESTEC is indexed by SCOPUS since 2010.

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 NIP. 196206231988021001
 Unit kerja : Dept. Teknik Industri ITB
 Kelompok Keahlian Sistem Manufaktur ITB
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Prof Ir. Moses Laksono Singgih, MSc, PhD
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Total = (100%)	29	33.25	31.125
Nilai Pengusul = 60%	17.4	19.95	18.675

Semarang,
Reviewer 1



Prof Dr dradjad Irianto
 NIP. 196206231988021001
 Unit kerja : Dept. Teknik Industri ITB
 Kelompok Keahlian Sistem Manufaktur ITB
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Toward standards harmonization in asean economic community: A comparative study of national standardization bodies in Indonesia and Malaysia (Article)

Purwanggono, B., Bakhtiar, A., Suliantoro, H., Setyowati, P.R.

Industrial Engineering Department, Diponegoro University, Jl. Prof. Sudharto, Semarang, SH 50239, Indonesia

Abstract

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National Quality Infrastructure (NQI) is the institutional framework that establishes and implements standardization practices, including service conformity assessment, metrology and accreditation. Along with the implementation of the ASEAN Economic Community, the strength and endurance of standards development organizations should be strengthened to compete in international markets and be able to keep abreast of the time. However, there are still differences in the internal conditions and external standards development organizations in some ASEAN countries. It is then important to understand these differences. This research was aimed at measuring them by conducting a comparative analysis between standards development organizations in Indonesia and in Malaysia. The reason is that Malaysia as a neighbouring country of Indonesia has been quite far beyond it in terms of the development of the national quality infrastructure. This research was based on literature study and interviews. It is expected that Indonesia can learn the existing weaknesses and follow the positive aspects from the experience of Malaysia. The analyses used the SWOT method, IFAS-EFAS and QSPM Matrices. Results of this research are some strategies that should be prioritized in Indonesia as a consequence of learning the adoption of the policy in Malaysian institutions. The strategies are essential to improve the institution in Indonesia. © School of Engineering, Taylor's University.

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16. References:

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<http://jestec.taylors.edu.my/instructions.html>. More details required? Please refer to JESTEC Template
http://jestec.taylors.edu.my/Template_Final_Paper.docx. Below are some instructions:

- a. Author surname and initials are separated by a comma,
- b. If there are two letters for initial, there must be no space between them, like J.P. and not J. P.
- c. Authors' names are separated by a semicolon.
- d. A word "and" precedes the name of the last author.

Examples:

Journal article

1. Al-Atabi, M.T.; Chin, S.B.; and Luo, X.Y. (2005). Flow structures in tubes with segmental baffles. *Journal of Flow Visualization and Image Processing*, 45(2), 1412-1420.

Journal article in press

2. Al-Atabi, M.T.; Chin, S.B.; and Luo, X.Y. (in press). Flow visualization in tubes with segmental baffles. *Journal of Visualization*.

Book

3. Roberson, J.A.; and Crowe, C.T. (1997). *Engineering fluid mechanics* (6th ed.). New York: John Wiley and Sons Inc.

Conference paper

4. Al-Atabi, M.T.; Chin, S.B.; and Luo, X.Y. (2004). An experimental study of the flow in an idealised human cystic duct. *Proceedings of the First Asian Pacific Conference on Biomechanics*. Osaka, Japan, 33-34.

Internet Source

5. Author, A.B. (2000). This is how to cite an internet reference. Retrieved October 5, 2000, from <http://www.author.com>.

