

**LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : PROSIDING**

Judul karya ilmiah (paper) : The Mapping on Standards Capability and Response to Standards issues: A Multiple Case Study in Manufacturing Firm-Indonesia

Jumlah Penulis : 4 orang (**Bambang Purwanggono**, Arfan Bakhtiar, Aries Susanty, Nia Budi Puspitasari)

Status Pengusul : Penulis ke-1

Identitas Makalah : a. Judul Prosiding : 2012 IEEE Symposium on Business, Engineering and Industrial Applications

b. ISBN/ISSN : 978-1-4577-1632-4

c. Tahun Terbit, Tempat Pelaksanaan : 23-26 September 2012,

d. Penerbit/organiser : IEEE

e. Alamat repository PT/web prosiding :

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f. Terindeks di (jika ada) : SCOPUS

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(beri ✓ pada kategori yang tepat) *Prosiding Forum Ilmiah Nasional*

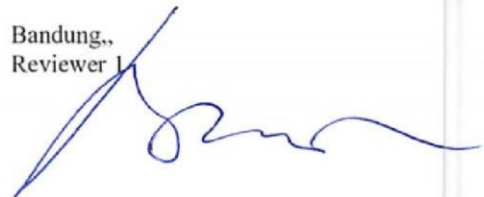
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d. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		7
Total = (100%)	30		20
Nilai Pengusul = (60%)*20 =12			

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- Kesesuaian dan kelengkapan unsur isi paper: Sesuai Acuan IEEE
- Ruang lingkup dan kedalaman pembahasan: Model 3 dimension is not clearly stated, which thus score in table 2 is not clear
- Kecukupan dan kemutakhiran data/informasi dan metodologi: Non explanation on variance/standard error to justify significance of figure 2
- Kelengkapan unsur dan kualitas terbitan: .Ok

Bandung,,
Reviewer 1



Prof Dr Dradjad Irianto
NIP. 196206231988021001
Unit kerja : Dept. Teknik Industri ITB
Kelompok Keahlian Sistem Manufaktur ITB
GB bidang Rekayasa Kualitas

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e. Kelengkapan unsur isi prosiding (10%)	3		2.5
f. Ruang lingkup dan kedalaman pembahasan (30%)	9		8.5
g. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8.5
h. Kelengkapan unsur dan kualitas terbitan/prosiding(30%)	9		8.5
Total = (100%)	30		28.0
Nilai Pengusul = (60%)*28 = 16.8			

Catatan Penilaian Paper oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi paper:** Paper telah sesuai dengan format IEEE yang terdiri dari Introduction, Methodology, Result, Discussion, dan Conclusion.
- Ruang lingkup dan kedalaman pembahasan:** Paper telah secara mendalam mengupas obyek penelitian secara kualitatif serta mampu menghasilkan hasil yang dapat dikuantifikasi dengan baik.
- Kecukupan dan kemutakhiran data/informasi dan metodologi:** Kurang memasukkan review literature yang terkini, sedangkan metodologi yang dipakai dengan pendekatan mixed method sudah tepat.
- Kelengkapan unsur dan kualitas terbitan:** Kualitas terbitan IEEE memiliki reputasi internasional yang sangat baik

Semarang,
Reviewer 2



Prof Ir. Moses Laksono Singgih, MSc, PhD
NIP. 195908171987031002
Unit kerja : Dept. Teknik Industri ITS
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**LEMBAR
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Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah		Nilai Yang Diperoleh
	Reviewer 1	Reviewer 2	
a. Kelengkapan unsur isi prosiding (10%)	3	2.5	2.75
b. Ruang lingkup dan kedalaman pembahasan (30%)	5	8.5	6.75
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	5	8.5	6.75
d. Kelengkapan unsur dan kualitas penerbit (30%)	7	8.5	7.75
Total = (100%)	20	28	24
Nilai Pengusul = 60%	12	16.8	14.4

Semarang,
Reviewer 1



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The mapping on standards capability and response to standards issues: A multiple case study in manufacturing firm-Indonesia (Conference Paper)

Purwanggono, B.^a, Bakhtiar, A.^b, Susanty, A.^a, Puspitasari, N.B.^a

^aIndustrial Engineering Department, Diponegoro University, Semarang, Indonesia
^bTechnology and Management Department, Technical University of Berlin, Berlin, Germany

Abstract

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According to the ISO methodology to quantify the benefits of standards, the standards capability is one of the influencing factors to the value creation process of the application of standards. The objectives of this study are twofold, i.e. to observe how the application of standards in manufacturing industry companies is, and to assess both of the standards capability and the respond to standards issues. Based on the case study findings, we concluded that: the application of standards have deeply and systematically been understood and done in all departments and levels of the companies. Meanwhile, figures of the case study objects have explained a reactive response to the issue of new standards and the companies' standards capabilities are scored high. So, they can be categorized as follower. Copyright © 2012 IEEE.

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Author keywords

Capability ISO methodology Mapping Standards

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- 1 (2009) *The Economic Impact of Standardization: Technological Change, Standards* AFNOR, and, Association Française de Normalisation, Paris

- 2 Creswell, J.W., Plano Clark, V.L. (2011) *Designing and Conducting Mixed Methods Research*. Cited 7001 times. Los Angeles: Sage

- 3 (2000) *Economic Benefits of Standardization: Summary of Results*. Cited 45 times. DIN, Beuth Verlag GmbH and Deutsches Institut für Normung, Berlin

- 4 (2005) *The Empirical Economics of Standards*. Cited 44 times. DTI, Department of Trade and Industry, London

- 5 The impact of ICT Standards: Three Views (2006) *Standardization As A Strategic Tool*, pp. 155-165. Cited 2 times. IEC, in, Geneve, IEC

- 6 (2010) *Economic Benefit of Standards*. Cited 4 times. ISO, ISO 2010, Geneve

- 7 (2007) *Standards, Innovation and the Australian Economy*. Cited 4 times. Standards Australia www.standards.org.au/downloads/11-04-2007-standards_and_innovation.pdf

 Bakhtiar, A.; Technology and Management Department, Technical University of Berlin, Germany; email:arfbakht@yahoo.com
 8 (2007) *Economic Value of Standardization*. Cited 9 times. Standards Council of Canada, Standards Council of Canada, Ottawa
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ISBEIA 2012

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23 to 26 September 2012**

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