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

Judul karya ilmiah (paper) : *The Relationships Between Standards Implementation and Organizations Performance*  
 Jumlah Penulis : Arfan Bakhtiar, Aries Susanty, **Bambang Purwanggono**  
 Status Pengusul : Penulis ke-3  
 Identitas Makalah : a. Judul Prosiding : 2013 IEEE Business Engineering and Industrial Applications Colloquium (BEIAC)  
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 c. Tahun Terbit, Tempat Pelaksanaan : 7-9 April 2013,  
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<b>Total = (100%)</b>	<b>30</b>		<b>27.7</b>
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**Catatan Penilaian Paper oleh Reviewer :**

1. **Kesesuaian dan kelengkapan unsur isi paper:** Kelengkapan unsur paper telah sesuai dengan standar paper berformat IEEE yaitu *abstract, Introduction, Methodology, Result, Discussion, Conclusions, Acknowledgement and References*. Tema paper (hubungan antara implementasi standar dengan performansi organisasi) sesuai dengan topik conference yaitu Business Engineering and Industrial Application. Beberapa keterangan gambar tidak disertakan sehingga harus membaca ulang variabel di bagian awal.

2. **Ruang lingkup dan kedalaman pembahasan:** Studi kasus dilakukan pada 3 jenis bidang usaha yang berbeda. *Cross case analysis* dilakukan cukup mendalam untuk masing-masing kriteria dalam dimensi EQA baik untuk *enable criteria* maupun *result criteria*.

3. **Kecukupan dan kemutakhiran data/informasi dan metodologi:** Penelitian menggunakan pendekatan kualitatif (kuesioner, interview dan observasi) dan dilanjutkan dengan analisis menggunakan pendekatan kuantitatif (EQA model). Model EQA merupakan pendekatan yang dipublikasikan tahun 1996 dengan basis penelitian di Eropa. Metode ini diterapkan di penelitian ini setelah melalui EQA Model Appropriateness Testing. Penelitian menggunakan 16 referensi di mana 30% (5 referensi) berbasis pada jurnal bereputasi. Responden penelitian terbatas 3-5 orang namun dianggap mampu merepresentasikan perusahaan dalam merespon pertanyaan penelitian.

4. **Kelengkapan unsur dan kualitas terbitan:** Paper dipublikasikan di IEEE Xplore dengan nomor DOI: 10.1109/BEIAC.2013.6560152 sebagai hasil dari seminar internasional 2013 IEEE Business Engineering and Industrial Applications Colloquium (BEIAC) yang diadakan di Langkawi Malaysia. IEEE Xplore merupakan penerbit bereputasi terindeks scopus dan memiliki kualitas baik. Komite penyelenggara dan reviewer sudah memenuhi persyaratan minimal dari 4 negara (Belanda, Thailand, Afrika Selatan, Indonesia, Malaysia dan United Kingdom).

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 Reviewer 1



Prof Ir. Moses Laksono Singgih, MSc, PhD  
 NIP. 195908171987031002  
 Unit kerja : Dept. Teknik Industri ITS  
 Bidang Ilmu: Produktivitas dan Kualitas

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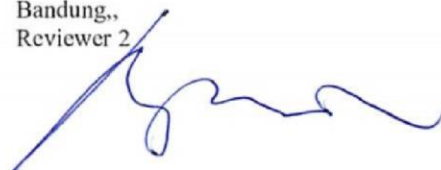
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<b>Total = (100%)</b>	30		26
<b>Nilai Pengusul = (20%)*26 = 5,2</b>			

**Catatan Penilaian Paper oleh Reviewer :**

- Kesesuaian dan kelengkapan unsur isi paper:** Sesuai Acuan
- Ruang lingkup dan kedalaman pembahasan:** Kaitan antara standar & performance kurang dielaborasi
- Kecukupan dan kemutakhiran data/informasi dan metodologi:** EQA Terkait Dynamic Capability kurang dibahas
- Kelengkapan unsur dan kualitas terbitan:** ok

Bandung,,  
Reviewer 2



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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Hasil Penilaian Peer Review :

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	Reviewer 1	Reviewer 2	
a. Kelengkapan unsur isi prosiding (10%)	2.5	3	2.75
b. Ruang lingkup dan kedalaman pembahasan (30%)	8.5	7	7.75
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	8.2	7	7.6
d. Kelengkapan unsur dan kualitas penerbit (30%)	8.5	9	8.75
Total = (100%)	27.7	26	26.85
Nilai Pengusul = 20%	5.54	5.2	5.37

Semarang,  
Reviewer 1



Prof Ir. Moses Laksono Singgih, MSc, PhD  
 NIP. 195908171987031002  
 Unit kerja : Dept. Teknik Industri ITS  
 Kelompok Keahlian: Produktivitas dan Kualitas

Reviewer 2



Prof Dr Dradjad Irianto  
 NIP. 196206231988021001  
 Unit kerja : Dept. Teknik Industri ITB  
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## The relationships between standards implementation and organizations performance (Conference Paper)

Bakhtiar, A. ✉, Susanty, A., Purwanggono, B. 👤

Industrial Engineering Department, Diponegoro University, Technology and Management Department, Berlin, Germany

### Abstract

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This research analyzes the relationship between standards implementation, which is believed to be able to give contributions in value creation process, and organization performance. Mixed method approach was used to deeply investigate field fact through two ways. The first is the quantitative approach using appropriateness testing of EQA Model and organization performance measurement in three case unit analyses. The second is the qualitative approach to explore top management perception about standards implementation and organizations performance. Based on the findings, the conclusions are threefold. First, all of the case study objects believe that standards implementation can maintain and improve organization performance. Second, standards implementation will improve organizational performance through improvement in employee capability, effectiveness and efficiency in the resource use and production process, employee satisfaction, customer trust, good relationships with the community, and multiplayer effect. Finally, improvement of organization performance will indirectly change the mindset of top management with regard to standards. © 2013 IEEE.

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### Author keywords

Assessment EQA Implementation Performance Standards

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2013 IEEE Business Engineering and Industrial Applications Colloquium (BEIAC), 7-9 April 2013, Langkawi, Malaysia

# BEIAC 2013

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**Bayview Hotel Langkawi, Malaysia  
7 to 9 April 2013**

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2013 IEEE Business Engineering and Industrial Applications Colloquium (BEIAC), 7-9 April 2013, Langkawi, Malaysia

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## Affiliation

- Faculty of Chemical Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (10)
- Faculty of Applied Sciences, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (3)
- Department of Industrial Ceramic, Faculty of Art & Design, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (3)
- Fakulti Kejuruteraan Kimia, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (3)
- Faculty of Applied Sciences, Universiti Teknologi MARA, 40450, Shah Alam, Selangor, Malaysia (3)
- Faculty of Chemical Engineering, Universiti Teknologi MARA, Shah Alam, 40450 Selangor, Malaysia (2)
- Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia (2)
- Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (2)
- Malaysia Institute of Transport (MITRANS), Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia (2)
- Industrial Engineering Department, Diponegoro University, Semarang, Indonesia (2)
- School of Civil Engineering, Universiti Sains Malaysia, 14300, Nibong Tebal, Penang, Malaysia (2)
- Civil Engineering Department, Universiti Teknologi PETRONAS, Bandar Seri Iskandar, 31750 Tronoh, Perak, Malaysia (2)
- Faculty of Civil Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia (2)
- Universiti Teknologi MARA, Malaysia (2)
- Faculty of Art and Design, Universiti Teknologi MARA, 40450 Shah Alam, Selangor Darul Ehsan, Malaysia (2)
- Faculty of Chemical Engineering, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia (2)
- Electrical and Electronics Engineering Department, Universiti Teknologi PETRONAS, Malaysia (2)
- Multimedia University, Cyberjaya, Malaysia (2)

- Faculty of Business Management, Universiti Teknologi MARA, Shah Alam, Malaysia (2)
- Faculty of Applied Sciences UiTM, 40450 Shah Alam, Selangor, Malaysia (2)
- Faculty of Civil Engineering, Universiti Teknologi MARA (UiTM), 40450 Shah Alam, Selangor, Malaysia (2)
- Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA (UiTM), Shah Alam, Selangor, Malaysia (2)
- Faculty of Chemical Engineering, Universiti Teknologi MARA Penang, Malaysia (2)
- Faculty of Applied Sciences, University Teknologi MARA, 40450 Shah Alam, Selangor, MALAYSIA (2)
- Department of Industrial Ceramic, Faculty of Art & Design, Universiti Teknologi MARA (UiTM) Shah Alam, Selangor Darul Ehsan, Malaysia (2)