



IEC Processes Demystified

Steven Beletich

Project Manager, lites.asia

7 December 2010, Bangkok



Contents

- Process for writing IEC standards
- Makeup of a National Committee
- National Committee Operation
 - Expert management
 - Voting and Commenting
- How experts interact with the IEC

Process for Writing IEC Standards

- NP = new work proposal – voted on by TC or SC
- Draft standard developed by project team / working group
- CD = committee draft
 - National Committees asked to comment
 - Comments document is produced by the project leader/team
 - Comments may be discussed at a Panel meeting (held in January and June)
 - Draft is revised based on comments
- CDV = committee draft for vote (+ comments) by NCs
- Contentious issues may be discussed and resolved at the PRESCO meeting (held in April and October)
- FDIS = final draft international standard
 - Formal approval ballot – no comments allowed with positive vote

Makeup of a National Committee



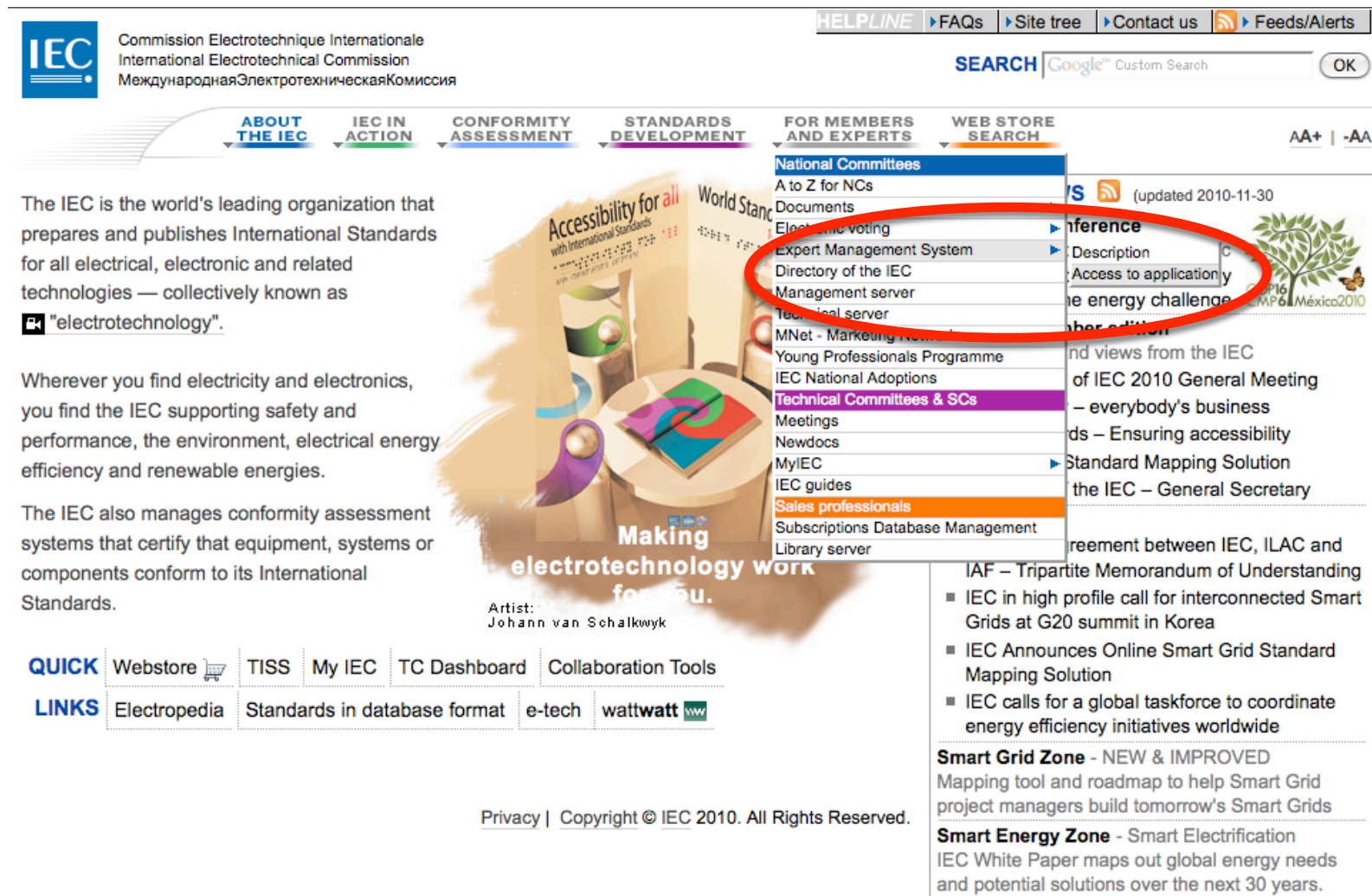
National Committee Operation

- Secretary:
 - One person only
 - Can create Administrators
 - Use Expert Management System
- Administrators:
 - Typically an employee of national standards body
 - Can access all TCs
 - Add experts and their memberships/privileges, etc.
 - Use Expert Management System
- Voting (and commenting) system:
 - Separate system to Expert Management System
 - Template used for commenting

Who are the Secretaries / Administrators?

- For each TC 34 P member country:
 - China:
 - India:
 - Thailand:
 - Australia:

Expert Management – by Secretary / Administrator



The screenshot displays the IEC website interface. At the top, the IEC logo and name are shown in three languages: English, French, and Russian. Navigation links include HELPLINE, FAQs, Site tree, Contact us, and Feeds/Alerts. A search bar with a Google Custom Search option is present. The main navigation menu includes ABOUT THE IEC, IEC IN ACTION, CONFORMITY ASSESSMENT, STANDARDS DEVELOPMENT, FOR MEMBERS AND EXPERTS, and WEB STORE SEARCH. The 'FOR MEMBERS AND EXPERTS' menu is expanded, showing options like National Committees, A to Z for NCs, Documents, Electronic voting, Expert Management System (highlighted with a red circle), Directory of the IEC, Management server, Technical server, MNet - Marketing Network, Young Professionals Programme, IEC National Adoptions, Technical Committees & SCs, Meetings, Newdocs, MyIEC, IEC guides, Sales professionals, Subscriptions Database Management, and Library server. The main content area features a large graphic titled 'Making electrotechnology work for you.' with the text 'The IEC is the world's leading organization that prepares and publishes International Standards for all electrical, electronic and related technologies — collectively known as "electrotechnology".' Below this, it states 'Wherever you find electricity and electronics, you find the IEC supporting safety and performance, the environment, electrical energy efficiency and renewable energies.' and 'The IEC also manages conformity assessment systems that certify that equipment, systems or components conform to its International Standards.' At the bottom, there are links for QUICK (Webstore, TISS, My IEC, TC Dashboard, Collaboration Tools) and LINKS (Electropedia, Standards in database format, e-tech, wattwatt). A footer contains Privacy and Copyright © IEC 2010. All Rights Reserved.

IEC Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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SEARCH Google Custom Search OK

ABOUT THE IEC | IEC IN ACTION | CONFORMITY ASSESSMENT | STANDARDS DEVELOPMENT | FOR MEMBERS AND EXPERTS | WEB STORE SEARCH

AA+ | -AA

The IEC is the world's leading organization that prepares and publishes International Standards for all electrical, electronic and related technologies — collectively known as "electrotechnology".

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Artist: Johann van Schalkwyk

QUICK Webstore TISS My IEC TC Dashboard Collaboration Tools

LINKS Electropedia Standards in database format e-tech wattwatt

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National Committees
A to Z for NCs
Documents
Electronic voting
Expert Management System
Directory of the IEC
Management server
Technical server
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Technical Committees & SCs
Meetings
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Subscriptions Database Management
Library server

Conference (updated 2010-11-30)
Description
Access to application
The energy challenge
New edition
and views from the IEC
of IEC 2010 General Meeting
— everybody's business
ds – Ensuring accessibility
Standard Mapping Solution
the IEC – General Secretary
Agreement between IEC, ILAC and
IAF – Tripartite Memorandum of Understanding
■ IEC in high profile call for interconnected Smart Grids at G20 summit in Korea
■ IEC Announces Online Smart Grid Standard Mapping Solution
■ IEC calls for a global taskforce to coordinate energy efficiency initiatives worldwide
Smart Grid Zone - NEW & IMPROVED
Mapping tool and roadmap to help Smart Grid project managers build tomorrow's Smart Grids
Smart Energy Zone - Smart Electrification
IEC White Paper maps out global energy needs and potential solutions over the next 30 years.

Expert Management System - Windows Internet Explorer

http://www.iec.ch/dyn/expert/f?p=300:10:3921642977453054:::

Expert Management System

IEC

EXPERT MANAGEMENT

Home > View List

Ly Alan (au-al-ly)

Philippines, Rep. of the

List All IEC Experts

Title	Last Name	First Name	Login	E-mail address
Mr	Cristobal	Roberto C.	ph-ro-cr	
Mr	Motoomull	Jesus L.	ph-j-mo	
Mr	Reyes	Jose Carlos	ph-jc-pr	

Total number of persons : 3

MY ACCOUNT

- My personal details
- IEC National Committee AU
 - AU - Full export in Excel format
 - AU - Full export in XML format
- My preferences

NATIONAL COMMITTEES

Philippines, Rep. of the

IEC COMMITTEES

Technical Committee

-- Select a TC --

- AU - TC/SC Secretariats
- AU - TC/SC Chairmen term of office
- Export all committees (Excel)

PERSONS

Search a person by last name

Search

Create a new person, Enter last name

Create

start

Inbox - Microsoft Out...

Expert Management ...

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10:02 AM

Expert Management System - Windows Internet Explorer

http://www.iec.ch/dyn/expert/f?p=300:6:3921642977453054::: Live Search

Expert Management System

IEC

EXPERT MANAGEMENT

Home > View List > View Person Ly Alan (au-al-ly)

Mr Steven Beletich

Details IEC Roles IEC Perms

Edit Delete

Title	Mr	Address	PO Box 56
First Name	Steven		
Middle Name			
Last Name	Beletich		
E-mail address	steve@beletich.com.au		
NC	Australia	Post Code	1560
Login	au-st-be	Town	Northbridge
		State / Province	NSW
		Country	Australia
		Phone number	+61 2 9967 5809
		Mobile	
		Fax	

Reset Password

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- My personal details
- IEC National Committee AU
- AU - Full export in Excel format
- AU - Full export in XML format
- My preferences

NATIONAL COMMITTEES

Australia

IEC COMMITTEES

Technical Committee

-- Select a TC --

- AU - TC/SC Secretariats
- AU - TC/SC Chairmen term of office
- Export all committees (Excel)

PERSONS

Search a person by last name

Create a new person, Enter last name

Expert Management System - Windows Internet Explorer

http://www.iec.ch/dyn/expert/f?p=300:21:3921642977453054:.....

Expert Management System

Live Search

Page Tools


IEC

EXPERT MANAGEMENT

Home > View List > View Person > View IEC roles

Ly Alan (au-al-ly)

Mr Steven Beletich



Details IEC Roles IEC Perms

Assign

Role	Committee
Member	TC 34/SC 34A/MT PRESCO PRESCO

Number of roles : 1

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- My personal details
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NATIONAL COMMITTEES

Australia

IEC COMMITTEES

Technical Committee

-- Select a TC --

- AU - TC/SC Secretariats
- AU - TC/SC Chairmen term of office
- Export all committees (Excel)

PERSONS

Search a person by last name

Search

Create a new person, Enter last name

Create

Done

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Expert Management System

IEC

EXPERT MANAGEMENT

Home > View List > View Person > View IEC Perms Ly Alan (au-al-ly)

Mr Steven Beletich

Details IEC Roles IEC Perms Edit

Permissions:

TC/SC Documents	Other Documents	Non Document
TC 34		

MY ACCOUNT

- My personal details
- IEC National Committee AU
 - AU - Full export in Excel format
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- My preferences

NATIONAL COMMITTEES

Australia

IEC COMMITTEES

Technical Committee

-- Select a TC --

- AU - TC/SC Secretariats
- AU - TC/SC Chairmen term of office
- Export all committees (Excel)

PERSONS

Search a person by last name

Create a new person, Enter last name

Done

start

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Voting and Commenting – by Secretary / Administrator



The screenshot shows the IEC website interface. At the top, there is a navigation bar with links: [HELPLINE](#), [FAQs](#), [Site tree](#), [Contact us](#), and [Feeds/Alerts](#). Below this is a search bar with the text "SEARCH" and "Google™ Custom Search" and an "OK" button. The main navigation menu includes: [ABOUT THE IEC](#), [IEC IN ACTION](#), [CONFORMITY ASSESSMENT](#), [STANDARDS DEVELOPMENT](#), [FOR MEMBERS AND EXPERTS](#), and [WEB STORE SEARCH](#). The "FOR MEMBERS AND EXPERTS" menu is expanded, showing a list of links: [National Committees](#), [A to Z for NCs](#), [Documents](#), [Electronic voting](#) (highlighted with a red circle), [Expert Management System](#), [Directory of the IEC](#), [Management server](#), [Technical server](#), [MNet - Marketing Network](#), [Young Professionals Programme](#), [IEC National Adoptions](#), [Technical Committees & SCs](#), [Meetings](#), [Newdocs](#), [MyIEC](#), [IEC guides](#), [Sales professionals](#), [Subscriptions Database Management](#), and [Library server](#). The main content area features a large graphic with the text "Making electrotechnology work for you." and "Accessibility for all with International Standards". Below the graphic, there is a section titled "The IEC is the world's leading organization that prepares and publishes International Standards for all electrical, electronic and related technologies — collectively known as 'electrotechnology'." and another section titled "Wherever you find electricity and electronics, you find the IEC supporting safety and performance, the environment, electrical energy efficiency and renewable energies." and a third section titled "The IEC also manages conformity assessment systems that certify that equipment, systems or components conform to its International Standards." At the bottom, there is a "QUICK" section with links: [Webstore](#), [TISS](#), [My IEC](#), [TC Dashboard](#), and [Collaboration Tools](#). Below this is a "LINKS" section with links: [Electropedia](#), [Standards in database format](#), [e-tech](#), and [wattwatt](#). At the very bottom, there is a footer with the text "Privacy | Copyright © IEC 2010. All Rights Reserved."

Commission Electrotechnique Internationale
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QUICK | Webstore | TISS | My IEC | TC Dashboard | Collaboration Tools

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Technical documents
Documents open for vote
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Mapping tool and roadmap to help Smart Grid project managers build tomorrow's Smart Grids
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IEC White Paper maps out global energy needs and potential solutions over the next 30 years.

IEC - Open Votes - Windows Internet Explorer

http://www.iec.ch/cgi-bin/restricted/rprocgi.pl/www/iecwww.p?wwwlang=E&wwwprog=ballot.p&proddb=db1&type=CDV&limdate=2010-11-05&prog=ballot1.p&Submit=Submit

IEC Expert Management System IEC - Open Votes

HELPLINE FAQs Site tree Contact us Feeds/Alerts

STANDARDS DEVELOPMENT

ABOUT THE IEC IEC IN ACTION CONFORMITY ASSESSMENT STANDARDS DEVELOPMENT FOR MEMBERS AND EXPERTS WEB STORE SEARCH

E-mail to a friend
Printer friendly view

Open Votes

Hello, au-al-ly, today you may cast Australia's vote and submit comments on the following documents:

SC 86B

	Committee	Document	Type	Member Status	Closing Date	Vote	Comment	CENELEC Vote
Vote	86B	3051	CDV	P	2010-11-05	Y	N	yes

CIS/A

	Committee	Document	Type	Member Status	Closing Date	Vote	Comment	CENELEC Vote
Vote	CIS / A	901	CDV	P	2010-11-05	Y	N	yes

WHAT'S RELATED

- Voting system FAQs
- Acronyms
- Stage codes
- Permission system
- TISS resource area

SEARCH THE SITE

Google Custom Search OK

QUICK LINKS

- Webstore
- TISS
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- Collaboration Tools
- Standards in database format
- Electropedia
- e-tech
- wattwatt

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IEC - Ballot for 31J/180 - Windows Internet Explorer

http://www.iec.ch/cgi-bin/restricted/writebal.pl?wwwlang=e&progdb=db1&country=AU&committee=31J&doc=180&suppl=&type=FDIS&ite=IEC_2060079_2D19_20Ed_2E_203 Live Search

Expert Management System IEC - Ballot for 31J/180

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DATABASE SEARCH

ABOUT THE IEC IEC IN ACTION CONFORMITY ASSESSMENT STANDARDS DEVELOPMENT FOR MEMBERS AND EXPERTS WEB STORE SEARCH

E-mail to a friend
Printer friendly view

Name: au-al-ly

Country: AU

Committee: 31J Document: 180 Type: FDIS

IEC 60079-19 Ed. 3.0: Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation

VOTE : ☒ **IN FAVOUR** (no comments)
☐ **AGAINST** (comments attached)
☐ **ABSTAIN** (no comments)

Remarks:

- Votes and comments may be changed until the closing date.
- Each time a vote is cast on a document, all previous comments are erased, and only the vote and any comment submitted with this ballot are recorded. I.e., if you are changing your vote and want to preserve comments submitted earlier, you must attach them again.

☒ No comments
☐ File attached

WHAT'S RELATED

- ▶ Publications and work in progress
- ▶ Recently issued publications
- ▶ Replaced/withdrawn publications
- ▶ Corrigenda / Interpretation Sheets
- ▶ List of TCs and SCs
- ▶ TC dashboard
- ▶ Stage codes

SEARCH THE SITE

Google Custom Search

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- ▶ TC Dashboard
- ▶ Collaboration Tools
- ▶ Standards in database format
- ▶ Electropedia
- ▶ e-tech
- ▶ wattwatt

Done

Internet 100%

start

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10:10 AM

IEC - Comment on / - Windows Internet Explorer

http://www.iec.ch/cgi-bin/restricted/writebal.pl?wwwlang=e&progdb=db1&country=AU&committee=1&doc=2131&suppl=&type=DC&tite=Draft_20for_20comments_20on_20TC

IEC Expert Management System IEC - Comment on /

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DATABASE SEARCH

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E-mail to a friend
Printer friendly view

Name: au-al-ly

Country: AU

Committee: 1 Document: 2131 Type: DC

Draft for comments on TC 1 Strategic Business Plan

Notes:

- Comments may be changed until the closing date.
- Each time comments are submitted, all previous comments are erased, and only comments attached with this submission are recorded.

☐ No comments at this stage

☐ File attached

WHAT'S RELATED

- Publications and work in progress
- Recently issued publications
- Replaced/withdrawn publications
- Corrigenda / Interpretation Sheets
- List of TCs and SCs
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- Stage codes

SEARCH THE SITE

Google Custom Search

QUICK LINKS

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- TC Dashboard
- Collaboration Tools
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- Electropedia
- e-tech
- wattwatt

Done

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start

Inbox - Microsoft Out... IEC - Comment on / - ... untitled - Paint

10:10 AM

Comments Template – Word Doc

Annex

Date	Document	Project Nr.
------	----------	-------------

National Committee	Line number	Clause/Subclause	Paragraph Figure/Table	Type of comment (General/Technical/Editorial)	COMMENTS	Proposed change	OBSERVATIONS OF THE SECRETARIAT on each comment submitted

How the Committee Experts Interact



“My IEC”



Commission Electrotechnique Internationale
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ABOUT
THE IEC

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Electronic voting

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Young Professionals Programme

IEC National Adoptions

Technical Committees & SCs

Meetings

Newdocs

MylEC

IEC guides

Sales professional name

Subscriptions Database Management

Library server

(updated 2010-11-30)

Conference

29 Nov - 10 Dec

Smart Grid - the key

to the energy challenge

16th edition

and views from the IEC

of IEC 2010 General Meeting

— everybody's business

Standards — Ensuring accessibility

View MyIEC Training Solution

Setup MyIEC General Secretary

Agreement between IEC, ILAC and

IAF — Tripartite Memorandum of Understanding

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Grids at G20 summit in Korea

IEC Announces Online Smart Grid Standard

Mapping Solution

IEC calls for a global taskforce to coordinate

energy efficiency initiatives worldwide

Smart Grid Zone - NEW & IMPROVED

Mapping tool and roadmap to help Smart Grid

project managers build tomorrow's Smart Grids

Smart Energy Zone - Smart Electrification

IEC White Paper maps out global energy needs

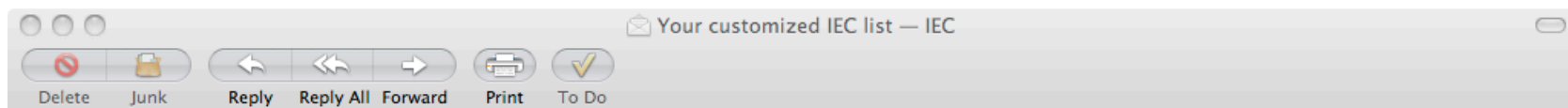
and potential solutions over the next 30 years.

QUICK Webstore TISS My IEC TC Dashboard Collaboration Tools

LINKS Electropedia Standards in database format e-tech wattwatt

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asia



From: MyIEC@iec.ch
Subject: Your customized IEC list
Date: 31 October 2010 3:46:00 AM AEDT
To: Steven Beletich
Reply-To: MyIEC@iec.ch

Your customized query

Working documents circulated since: 2010-10-24

Note: Document links are to the full bibliographic entry, not to the documents themselves.

[Information about file formats.](#)

Document Reference	Circulation Date Closing Date	Title	Downloads Available	Other authorized committees
Committee 34				
---	---	No new working documents	---	---
Subcommittee 34A				
34A/1425/FDIS	2010-10-29 2011-01-07	IEC 62560 Ed. 1: Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications	PDF format (336 kB)	76
34A/1426/RR	2010-10-29	Review report on IEC 60810 Ed. 3: Lamps for road vehicles - Performance requirements	PDF format (18 kB)	
34A/1427/CD	2010-10-29 2011-01-07	Amendment 2 to IEC 60810 Ed. 3: Lamps for road vehicles - Performance requirements	PDF format (157 kB)	
34A/1428/DC	2010-10-29 2010-12-17	Proposed new edition to IEC 60969: Self-ballasted lamps for general lighting services - Performance requirements	PDF format (1 362 kB)	
34A/1429/PAS	2010-10-29 2011-01-07	IEC/PAS 62707-1 Ed. 1: LED - Binning - Part 1: General requirements and white grid	PDF format (206 kB)	
34A/1430/NP	2010-10-29 2011-02-04	Proposal from Germany: (PNW 34A/1430) LED - Binning - Part 1: General requirements and white grid	PDF format (201 kB)	
Subcommittee 34B				
---	---	No new working documents	---	---
Subcommittee 34C				
---	---	No new working documents	---	---
Subcommittee 34D				
34D/930A/INF	2010-10-29	Revised results of 34D/919/DC: IEC 60598-1: Limits for accessible SELV voltage in luminaire other than ordinary opened for lamp (LED) replacement	PDF format (21 kB)	
34D/956A/INF	2010-10-29	Revised result of 34D/942/DC - IEC 60598-1: Insulation of control interface	PDF format (47 kB)	
34D/977/DC	2010-10-29 2010-12-17	Draft IEC/PAS - LED Luminaire Performance	PDF format (592 kB)	
34D/978/DC	2010-10-29 2010-12-17	Draft IEC/PAS - Luminaires Performance Requirements - Part 1: General Requirements	PDF format (129 kB)	
34D/979/DC	2010-10-29 2011-02-04	IEC 60598-1 - Test for suspended part of luminaire and IP test method	PDF format (99 kB)	
34D/980/RR	2010-10-29	Review report on IEC 60598-2-11: Luminaires - Part 2-11: Particular requirements - Aquarium luminaires	PDF format (19 kB)	
34D/981/CD	2010-10-29 2011-02-04	IEC 60598-2-11 Ed 2: Luminaires - Part 2-11: Particular requirements - Aquarium luminaires	PDF format (80 kB)	
34D/982/CC	2010-10-29	Compilation of comments on 34D/939/CD: IEC 60570 Ed.5: Electrical supply track systems for luminaires	PDF format (33 kB)	

Experts also use the Expert Management System

- Set up personal preferences
- Access other experts details
- Lists of committee members, etc.

Other Systems Used by Experts

- IEC website – “Collaboration Tools”
- Less formal documents – circulated by email