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COMMITTEE FOR TRADE, INDUSTRY AND
ENTERPRISE DEVELOPMENT

**Working Party on Technical Harmonization
and Standardization Policies**

Ninth session, 17-19 May 1999
Item 8(c) of the provisional agenda

HARMONIZATION

ISO 14000

STATUS UPDATE AND FUTURE DEVELOPMENTS

Note by the Rapporteur on Quality

The present document is circulated for information to delegates. It contains a copy of a presentation of the Rapporteur on Quality.

ISO

ISO 14000 Status Update and Future Developments

Ahmad Hussein
ISO/TC 207 Secretary



Outline of Presentation

- **ISO and TC 207 Background**
- **What's hot in ISO/TC 207 ?**
- **What are the issues ?**
- **What are we doing to solve them?**
- **Implementation Issues**
- **Alignment between ISO 14000 and ISO 9000**
- **The Future.**



ISO and TC 207 Background

- **ISO - International Organization for Standardization**
- **Worldwide federation of National Standards Bodies from 123 Countries**
- **(86 Full Members)**
- **11000+ Active Standards.**



Advantages of ISO Standards

- **Freedom to Compete**
- **Equal Footing in the Development through a Consensus Process**
- **Provide a Level Playing Field in the Application of Standards across the World**
- **Improvement in the well-being of people, society, and the environment.**



ISO/TC 207 on Environmental Management and Tools

- **ISO/TC 207 Scope**
- **ISO 14000 Vision**
- **ISO/TC 207 Structure.**



ISO/TC 207 Vision

- **To facilitate world trade**
- **ultimately contribute to sustainable development through world wide acceptance, and**
- **use of ISO 14000 Standards,**
- **which will provide the means to improve environmental performance of organizations and their products and services.**



ISO TC 207 Membership

- **58 Participating "P" Member Countries**
- **16 Observing "O" Member Countries**
- **45 Liaison Organizations**
- **TC 207 is the largest ISO Committee!**



ISO/TC 207 Subcommittees and Working Groups

- **SC1: Environmental Management Systems**
- **SC2: Environmental Auditing**
- **SC3: Environmental Labeling**
- **SC4: Environmental Performance Evaluation**
- **SC5: Life Cycle Assessment**
- **SC6: Terms and Definitions**
- **WG1/TF: Design for the Environment**



Document Status

- 14001, 14004, 14010, 14011, 14012, 14040, 14041, 14050, Guide 64, 14020, 14061 TR + DEVC0 Manual (Published)
- 14015 CD- ESA - (6-00)
- 14021 FDIS-EL- (9-99)
- 14024 FDIS-EL- (9-99)
- 14031 FDIS-EPE - (6-99)



Document Status, cont'd

- 14032 TR- E P Reporting - (6-99)
- 14042 DIS - LC Impact Assessment - (9-00)
- 14043 DIS - LC Interpretation - (9-00)
- 14047 TR- 14042 Applications
- 14048 WD - LCA Data Documentation - (9-98)
- 14049 TR - LCA - 14041 Applications - (99-06)



ISO/ TC 207 Main Resolutions

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- **Increase efforts to enhance Compatibility between ISO 14000 & ISO 9000**
- **Work with Developing Countries and NGOs**
- **More Information Exchange**
- **Study Climate Change Issues**
- **Work on Design For the Environment**
- **Closer Ties with UN Agencies, UNEP, ISO/CASCO, and ISO/DEVCO.**



What's Hot in TC 207?

- **Work Towards Compatibility of ISO 14001 and ISO 9001 (Year 2000 editions)**
- **Design For the Environment**
- **Climate Change**
- **Examples on the Applications of 14000 Standards**



Internal Challenges

- **TC 207/TC 176 Products Inter-relationships**
- **Internal TC 207/SC Coordination**
- **Terms and Definitions**
- **Production Timelines.**



Challenge : Inconsistencies of Terms

• **Examples:**

- **Environmental Aspect**
- **Environmental Impact**
- **Environmental Management System**
- **Environmental Objective**
- **Environmental Performance**
- **Environmental Policy.**



Challenge : Communication

- **Communication Plan should cover the following points:**
 - **Consistent message on ISO 14000 disseminated effectively - Web-site;**
 - **Educating users and the public on the ISO 14000 Standards; and**
 - **Managing the Interaction of TC 207 with the media.**



Challenge: Needs of Developing Countries

- **Lack of financial resources necessary to participate in the development of TC 207 standards.**
- **Many countries without a standardization infrastructure in place , and not even a regulatory framework.**
- **Immediate gain unclear & Implementation costs too high.**



Yes! We are Working to help resolve some DC Issues

- **Efforts to be made as to accommodate the concerns of Developing Countries.**
- **Particular attention should be given to those countries that cannot participate at meetings.**
- **Efforts to be made to ask "Rich" Nations to support DC experts who wish to attend meetings.**



Other Activities to assist Developing Countries

- **The TC 207 and the SC Secretaries will work with ISO/DEVCO and other agencies to keep members of Developing Countries abreast of the activities of TC 207.**
- **Special efforts will be made to assist Developing Countries in understanding the various ISO 14000 series of standards - (Seminars, Workshops etc . .**



Challenge : Trade

- **Traditional benefit of Standards has been to facilitate trade between nations .**
- **We do not have a level playing field yet!**
- **Some Environmental Labelling standards may be perceived as creating non-tariff trade barriers!**
- **Interpretation and translation issues may create trade implications.**



Yes! We are Working to help resolve the Trade Issue

- **An ad hoc task force will be created to plan the trade implications.**
- **workshop to be held in San Francisco in conjunction with the TC 207.**
- **This task force will include, among others, members from Singapore, USA, and WTO.**



Challenge : Implementation of ISO 14001

- **Interpretation of ISO 14001**
- **Proliferation of Standards**
- **Conformity Assessment Structures, IAF, CASCO, EAC etc. . .**
- **VW vs. Cadillac syndrome!**
- **Cost.**



Yes! We are Working to help resolve the Implementation Issue

- **SC1 has prepared a procedure for the interpretation of ISO 14001.**
- **This will be the basis of interpretations that will eventually be included in future drafts.**



Implementation: Participants' Needs

- **Harmonize National Standards**
- **Avoid Trade Barriers**
- **Promote a credible, transparent, and open, voluntary approach.**



Implementation: Organizations' Needs

- **Drive Environmental Improvement**
- **Improve Compliance**
- **Reduce Cost**
- **Framework to Demonstrate Commitment and Show Due Diligence.**



Implementation: Considerations

- **Legacy of ISO 9000**
- **Regulatory Systems - the Role of Government**
- **Legal Liabilities**
- **Implementation by Global Organizations**
- **EMAS and EMAR.**



Implementation: Approaches

- **Wait and See**
- **Implement for Inherent Value**
- **Implement First, then Announce**
- **Announce First, then Implement**
- **Self-Certify/Third Party**
- **Complete Lack of Awareness of the Standard.**



Implementation: Why Are Companies Certifying?

- **Certifiable EMS already in place**
- **Important Image Driver**
- **Facility is Part of Global Corporation certifying all of its facilities**
- **Competitive Issues**
- **Settlement of Compliance Problems**
- **Internal Needs for Management System.**



Implementation: So what are we all waiting for?

- **Competitive Drives**
- **Global Trends**
- **Customer/Supplier Incentives**
- **Regulatory Incentives**
- **EMS Works - the Critics are wrong**
- **Stabilized Certification Costs**
- **Established Certifier Reputation.**



Yes... We Are Moving Ahead..... Slowly!

**To date, nearly 6000
Registrations Worldwide!**



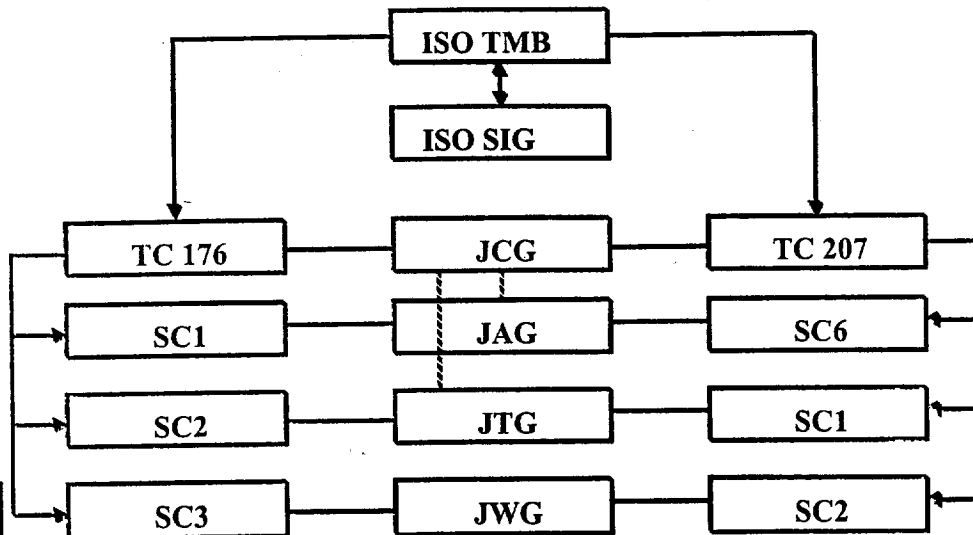
Alignment between ISO 14000 and ISO 9000

- **TAG 12 Recommendations to the ISO/TMB**
- **Creation of the ISO SIG for greater compatibility between ISO 14001/ISO 9001**
- **Joint Auditing Group: Auditing Standards Integrated (ISO 10011 and ISO 14011)**



ISO 9001/ ISO 14001 Compatibility

Committee Roles and Relationships



Alignment between ISO 14000 and ISO 9000

- More participation by Users, and broader based input
- Coordination with CASC0 and IAF, to implement Standards without modification or interpretation.



The Future ?

- **Integrated Management Systems**
- **Sector Specific Guides**
- **Climate Change Standards**
- **Verification of Emission Trading**
- **Sustainable Cities**
- **Sustainable Development**

