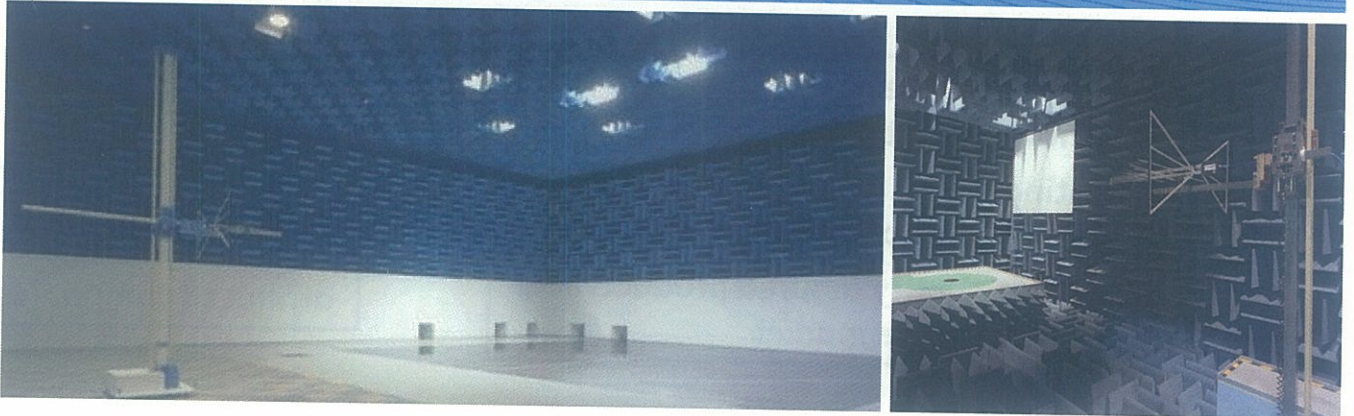


International Certification Center

Aiming at establishing the evaluation and certification system for Fuji Xerox product safety in order to supply safe and secure products to customers

November 27, 2012

International Certification Center / FXICC Test Laboratory
Fuji Xerox Co., Ltd.



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For Supplying Safe Fuji Xerox Products

For Products'

Safety related **Approvals and Licenses for Marketing** (Elec/Mech Product Safety, Laser Safety, EMC, RF, Acoustic Noise, Chemical Emissions and Hazardous Substances)

Market Requirements

Safe Products with Reasonable Price and Usable for Long Period of Time with Comfort

International Tendency
Demands for **"Certification of Test Results"**

by Fair and Independent International System such as ISO/IEC17025

Demands from R&D Section

Fair Evaluation for Obtaining Safety related Approvals and Licenses **with Shorter Period of Time**

For Supplying Safe Fuji Xerox Products

Fuji Xerox Philosophy

- Neutrality and independency in Fuji Xerox
- Fairness as a third party with global values
- Internal audit function



Organized International Certification Center in October 1, 2006

- For offering safe and secure Fuji Xerox products continuously to the customers
- For accelerating global development of the Products with Fuji Xerox Brand
- For offering safe quality assured products timely to the worldwide market



Establishing the International Accreditation Scheme to the laboratories of Fuji Xerox and of affiliated companies

ISO/IEC17025 Accredited Testing Laboratory

ISO/IEC17025 Accredited Testing Laboratory by Belgian Ministry of Economic Affairs

- 2002: EMC Test Laboratory
 - 2005: RFID, Acoustic Noise
 - 2007: Electrical and Mechanical Product Safety, Laser Product Safety, Chemical Emissions
 - 2010: Hazardous Substance Testing (RoHS Directive)
 - 2012: Energy Consumption EMF
- Expanded the accredited test scopes.



Accredited “One Stop Testing Lab” for product safety tests and environmental tests.

Year	Object	Product Safety					Environment			
		Elec/Mech Safety	LASER Safety	EMF	EMC	RFID	Chemical Emission	RoHS	Acoustic Noise	Energy
2002-2012	02				Accredited 2002					
	05					Accredited 2005		Accredited 2005		
	06									
	07	Accredited 2007	Accredited 2007				Accredited 2007			
	10							Accredited 2010		
	11									
	12			Accredited 2012					Accredited 2012	

Why is ISO/IEC17025 Accreditation Necessary?

International Movements on Conformity Assessment System

International Movements on Conformity Assessment

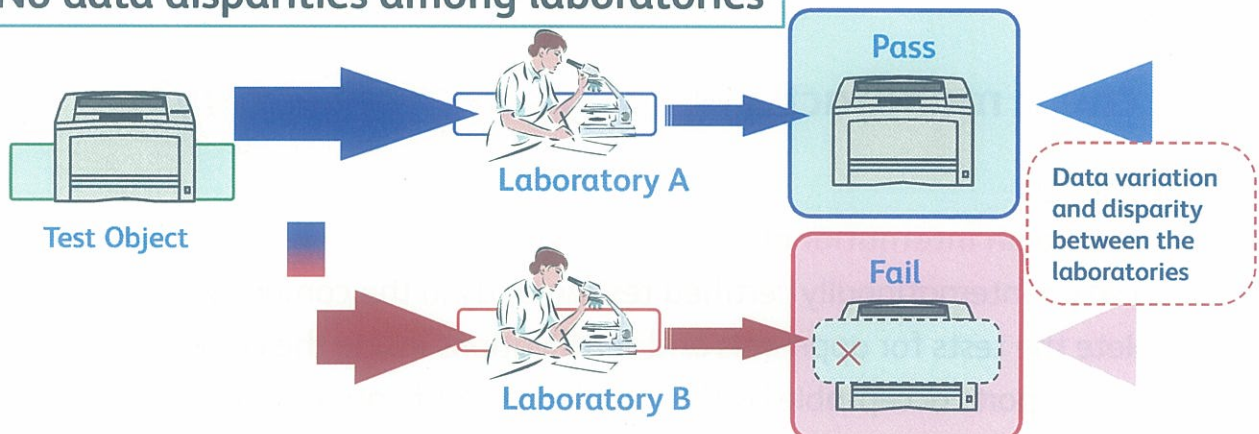
Necessity for International harmonization of Conformity Assessment System

→ To mandate ISO/IEC17025 Accreditation

For example, in an International Conformity Assessment Scheme (IECEE), variations and disparities of the test data were come across occasionally among test laboratories and it becomes an issue of concern.

- IECEE mandated “ISO/IEC17025” accreditation to the laboratories (2007~)

No data disparities among laboratories





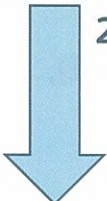
Advantages/Effectiveness of ISO/IEC17025 Certified Laboratory

Advantages of Laboratory with ISO/IEC17025 Accreditation

Necessity and Advantage of Internationally Certified Body

Past Problems (Authorized 3rd –Party Lab)

- 1) Test results disparities among laboratories, it leads different verdicts.
- 2) Lower price products not timely supplied for customers.
 - e.g. - Redundant tests (Approval differs by country)
 - Expensive approval cost (Cost x Number of countries)
 - Long lead-time for certification. Could not keep target launch date.



Manufacturer cannot assure the conformity.



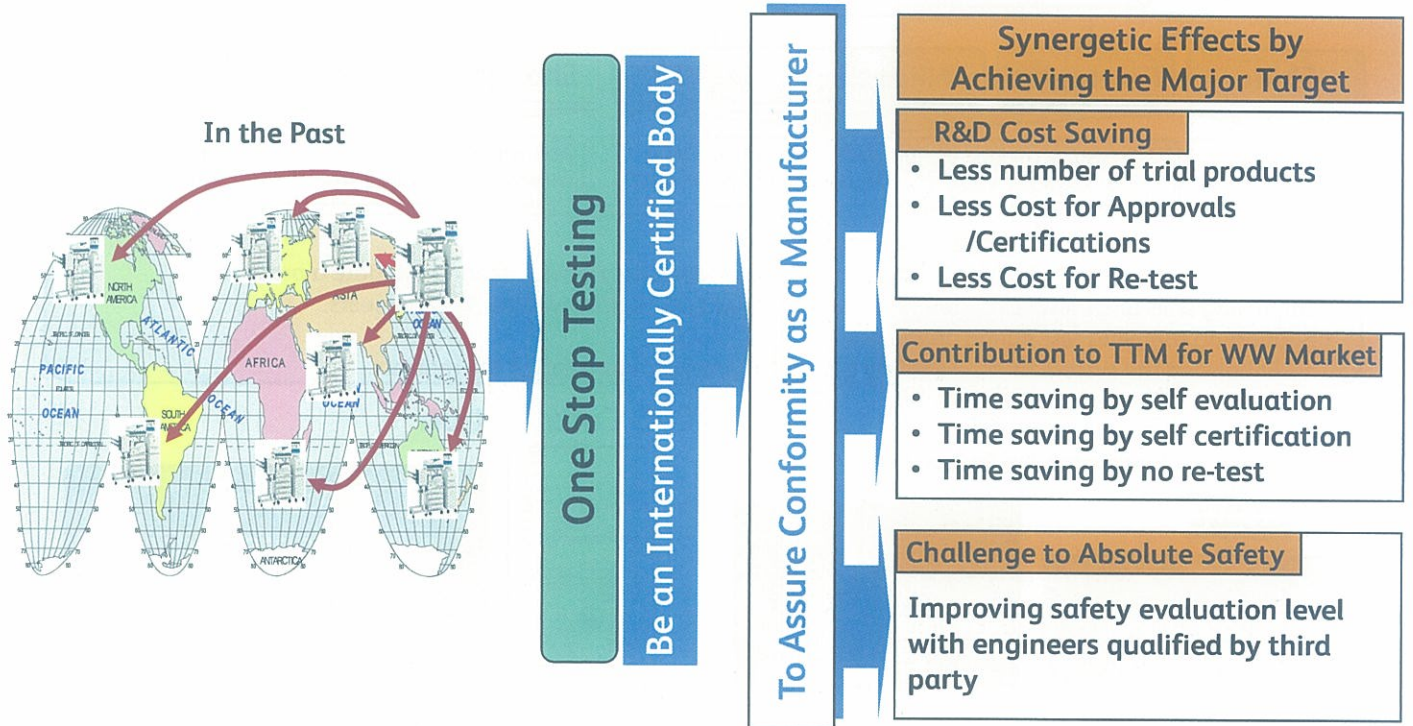
How can a manufacturer assure the conformity?

Best Solution

◎To become an international testing body◎

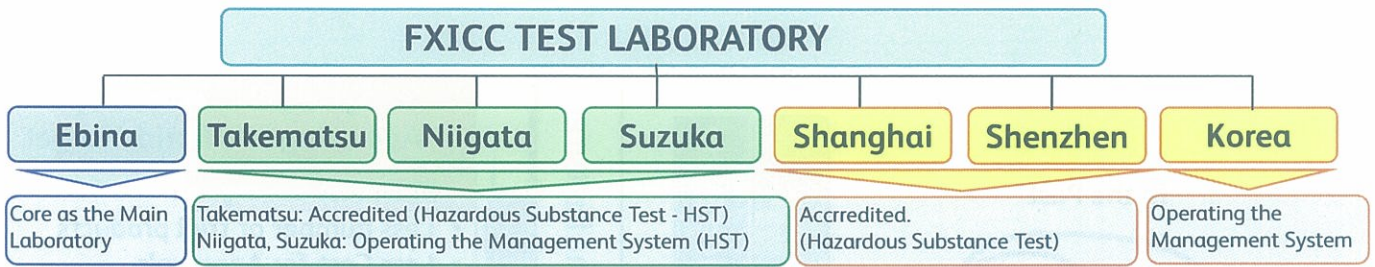
- Establish an internationally certified testing body in the company.
- Complete the tests for approvals and certifications inside the company. (Reliable)
- Issue test reports acceptable by the worldwide certification bodies and agencies.

Necessity and Advantage of Internationally Certified Body



Current Activities

Conformity Assessment System to Test Laboratories



Quality Improvement in All Fuji Xerox Companies

- Equivalent world-class high quality test data whichever laboratory would test and evaluate a product.
- Improving skills and enhancing competence of all engineers. Raising world-class engineers.
- Supporting sampling test during production.

Enhancing the system to assure safety quality for products launched to the markets.

Local Accreditation Based on ISO/IEC17025 Certification

Environmental Safety Area

Assured the Conformity inside the Company

Certified under the German Environmental Standard RAL UZ-122, the top of the world, and obtained BAM accreditation.

To develop the system for other local certifications in the world.

Facilities of FXICC Test Laboratory

ISO/IEC17025 accredited test facilities

