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ISO/IEC JTC 1 SC 28

Akira Saito, SC Chair Moto Sugiyama, SC Secretariat 2009 JTC 1 Plenary





What is New

- Work items
 - NP 29142 Cartridge Characterization Standards (multi-part)
 - WD 29183 Digital Copying Productivity of a Single, One Sided Original
 - NP 20186 TR Test Method of Color Gamut Mapping Algorithm for Office Color Equipment
- Participants Russia as O-member (P:14/O:17)
- Liaisons
 Cat C with International Color Consortium





NP 29142 Cartridge Characterization Standards

- Part 1: General: Terms, Symbols, and Notations
- Part 2: Labeling
- Part 3: Environment
- Part 4: Ink Cartridge Attributes
- Part 5: Toner Cartridge Attributes





User Engagement

- Participation thru user survey by mfrs for roadmap creation "Technical seeds vs. User needs"
- Requirements addressed Fair comparison of :
 - Printer cartridge yield
 - Digital printers/copiers throughput
- Challenges
 Membership skewed in few countries





Known Implementations

 Cartridge yield measurement standards are very popular: Google search -

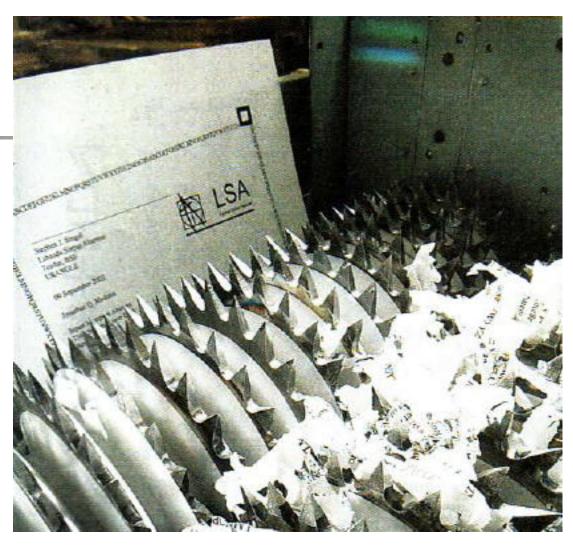
> ISO/IEC19752-2004 (B/W laser) 143,000 hits ISO/IEC19798-2007 (colour laser) 52,600 hits ISO/IEC24711-2007 (ink) 45,400 hits

 Other standards are also well used behind development of product catalog etc.

eg. Information to be included in specification sheets and related test methods





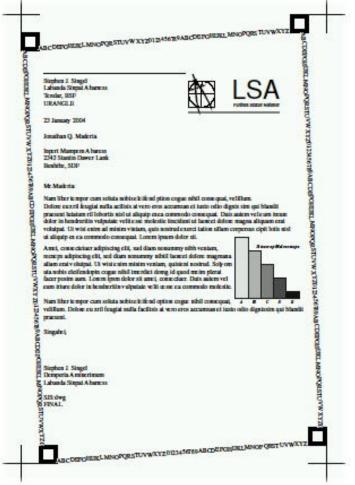


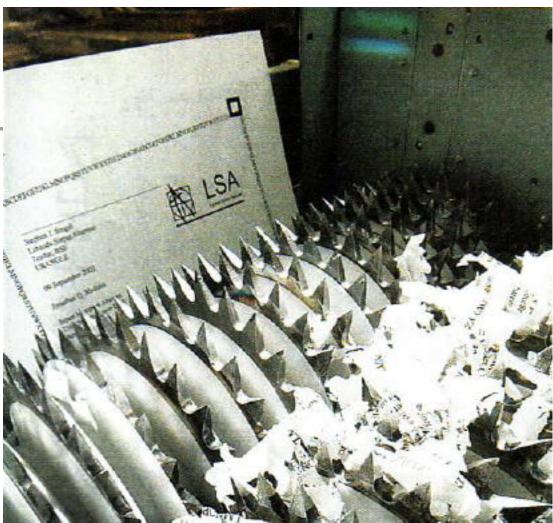
Source: Asahi Shimbun morning edition 20070521





Cartridge yield measurement standards





Source: Asahi Shimbun morning edition 20070521





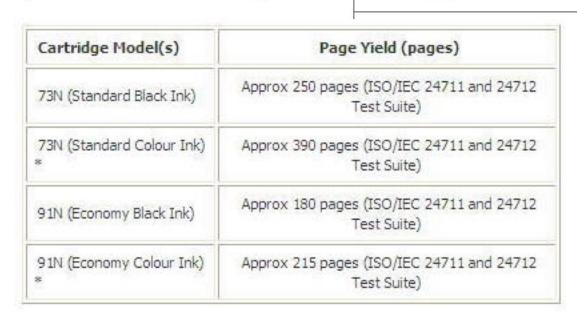
Cartridge yield measurement standards

MFC-6490CW

<u>Home</u> > <u>Asia/ Oceania</u> > <u>Others</u> > <u>MFC-6490CW</u> > **Consumables & Options**

Ink Cartridge Black Standard LC67BK Innobella™ Ink Cartridges · Approx. 450 pages in accordance with ISO/IEC 24711 Black · High Yield LC67HY-BK Innobella™ Ink Cartridges Approx. 900 pages in accordance with ISO/IEC 24711 Cyan Standard LC67C Innobella™ Ink Cartridges







Approx. 325 pages in accordance with

ISO/IEC 24711





OEMs Support New ISO Cartridge Yield Standards

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ISO STANDARDS TO MEASURE INK AND COLOR TONER CARTRIDGE YIELDS WILL HELP CUSTOMERS MAKE MORE INFORMED PURCHASE DECISIONS BY OBJECTIVELY AND ACCURATELY EVALUATING PRINT CARTRIDGE YIELDS.





Outreach

- Press releases none
- Articles
 "Comparing apples with apples" in "ISO and the Media" for ISO Focus 4/2009 edition
- Citings by external sources
 (see "known implementation slides")
- Presentations
 "Supply yield standards" at Asia Imaging Forum
 2008 Singapore (by SC28 Ambassador)





Challenges

Impediments to success
 Short term – project delays
 Long term - industry matured, frontier congested with other TCs/SCs/consortia





Issues or Needs

- Resources skew in Korea, Japan, US + where office equipment industry exists
- Need strategic coordination/collaboration, not confrontation, with TC42, TC130 and TC171+





- New directions (under consideration)
 High level application I/F e.g. Print Ticket
- Date/location of next SC plenary June 3 – 11, 2010 in Rochester NY

