



JEITA's principal comments on discussion topics of Imaging Equipment Specification Revision

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Who is JEITA?

1. JEITA: Japan Electronic & Information Technology Industries Association
2. Representative for Japanese computer, semiconductor, and AV-home electronics industries, about 500 member companies



Who is the Energy Star Committee of JEITA?

1. Energy Star Committee: 18 IT equipment companies (Seiko Epson, Canon, Ricoh, Fuji Xerox, Oki Data, PFU, NEC-Mitsubishi Electric Visual Systems, etc.)
2. Sharing information on the Energy Star and other energy saving laws and regulations
3. Discussion and submission of our opinions



Framework Options for Imaging Specification Revision (1)

1. 2 missing Tracks, Track 1 and Track 2 in directional draft
2. Let us know the reasons why 2 Tracks, Track 1 and Track 2 were deleted in draft test procedure



Framework Options for Imaging Specification Revision (2)

1. Pursue TEC for EP based MFDs because the number of images per job is high and power consumption in printing is high
2. **Not** pursue TEC for Ink Jet Printers and Ink Jet based MFDs because number of images per job is low and power consumption in printing is low



Framework Options for Imaging Specification Revision (3)

1. Pursuing TEC may affect usability and lead to impaired usability and lower customer satisfaction.
2. Shortening default time to sleep mode **vs.** shortening recovery time from sleep mode

Appropriate Product Categorization (1)

JEITA's interpretation		Distinction II			
		1	2	3	4
Distinction I	Product type	Printer	Copier	Fax	MFD
	Marking technology	EP	Impact	Ink Jet	
	Color capability	Monochrome	Color		
	Speed				
	Market segment	?	?	?	?



Appropriate Product Categorization (2)

1. Not clear about definitions of distinctions

(i.e. What does market segment mean? Sales areas?
Business or consumer use products?)

2. No need for any additional distinction for
distinction I

3. Agree to distinction in directional draft for
distinction II



Appropriate Product Categorization (3)

1. Impact printers should be categorized separately because of different marking technology and use conditions

2. Most important differences are as follows:

Distinction I (Our understanding): Marking technology

Distinction II (Our understanding): Based on definitions, needs separate discussions



Test Procedure (1)

Typical Electricity Consumption

1. Clear and easy to understand EPA's ideas on TEC Test Procedure
2. Takes more time because of increasing measurement modes
3. Not expected to be burdensome because of simpler procedure than ASTM

Test Procedure (2)

Typical Electricity Consumption

Test Conditions

Regarding test image; is measurement for MFDs (and fax machines) based on copying mode?

Test Procedure (3)

Typical Electricity Consumption

Table 1. TEC test Procedure in Brief

Necessity to consider power consumption in warm up mode

Test Procedure (4)

Typical Electricity Consumption

Table 2. Imaging Equipment Job Table

1. Let us know how EPA decided formula for images per job
2. Decide images per job for color copier
3. Formula for printer, non-inkjet, mono, (speed X 1.6)-30 seems to be incorrect because calculation result may be minus.

Test Procedure (5)

Typical Electricity Consumption

Table 2. Imaging Equipment Job Table

4. Who is Buyers Laboratory Inc.?

What are their ratings for recently-introduced equipment (2003-2004)?

Test Procedure (6)

Typical Electricity Consumption Calculation Method

1. Agree to start discussing EPA's proposal based on total daily consumption
2. Support 15 minute job interval for all product types

Test Procedure (7)

Operational Mode Measurement

1. Agree to operational mode measurement
2. Any additional testing equipment and facilities do not seem to be necessary because of same requirements in current MOU



Remanufactured Products

1. Energy Star should remain focused on direct electricity consumption.
2. Energy Star should **not** have any other environmental requirements other than energy saving.



Roadmap

1. Agree to the “roadmap” (proposed milestone and order)
2. We are very much interested in a specific time frame and would like to know the updated one



Thank you for your attention.

If you have any questions or comments,
please contact our JEITA's secretariat,
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