



Guidance on Purchasing EPEAT Registered Products

“the federal government can and should lead by example when it comes to creating innovative ways to reduce greenhouse gas emissions, increase energy efficiency, conserve water, reduce waste, and use environmentally responsible products and technologies”.

- President Obama, October 2009

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The Environmentally Preferable Purchasing Program

- Established in 1993 by Executive Order 12873, and reaffirmed in Obama's Executive Order 13693
- Executive Order Mandates EPA to:
 - Provide recommendations of ecolabels and/or standards that federal agencies can use to identify and buy environmentally preferable products and services
 - Harness federal purchasing power to green markets
- Federal Acquisition Regulations Part **23.703** state that Agencies must “Maximize the utilization of environmentally preferable products and services (based on EPA-issued guidance)”.
- Lead Agency efforts to:
 - Work with stakeholders to create life cycle, multi-attribute environment performance standards for priority products that feds procure and
 - Provide technical assistance to help feds buy products meeting these standards
- Focus on electronics, buildings, meetings



Introduction to EPEAT

4/25/16

U.S. Environmental Protection Agency



What is EPEAT®?

- The Electronic Product Environmental Assessment Tool (EPEAT)
- Helps *purchasers* evaluate, compare and select electronic products based on their environmental attributes
- Enables *manufacturers* to obtain market recognition through achievement of specific performance criteria in electronic product design and sales
- Managed by non profit Green Electronics Council



What is EPEAT?

- A set of environmental performance standards for electronic products
- A registry of products that meet the standards
- A verification system to ensure that products have achieved specified performance criteria



How are Standards EPEAT Uses Created?

- Developed through ANSI accredited Standards Development Organizations
- Open, consensus based process used
- Active participation from manufacturers, suppliers, recyclers, academics, government representatives, purchasers, and environmental advocacy organizations



How are products rated in EPEAT?

- Products must meet all **required** criteria to qualify for EPEAT.
- Products are rated Bronze, Silver or Gold based on how many **optional** criteria they meet

Green (< 50%)



Greener (50-75%)



Greenest (> 75%)





What is Greener About EPEAT Registered Products?

- Products must meet several required criteria for:
 - Energy Conservation (Energy Star, FEMP)
 - Environmentally Sensitive Materials
 - Materials Selection
 - Design for End of Life
 - Product Longevity/Life Cycle Extension
 - Packaging
 - Corporate Performance
 - End of Life Management
 - Imaging Equipment Products – Consumables, Indoor Air Quality
- Products can also meet more stringent optional criteria in each of these categories



Feds Required to Buy EPEAT Registered Products

- Executive Order 13693 Section 3 (l) states that *the head of each agency shall promote electronics stewardship by....ensuring procurement preference for environmentally sustainable electronic products (defined in EPA's Recommendations)*
- EPA's Interim Recommendations for Computers, Imaging Equipment, and Televisions are to procure EPEAT Registered products
- Federal Acquisition Regulation (FAR) Part 23
 - Requires acquisition of EPEAT® registered electronics (23.103A)
 - Contracting clause requires acquisition of Bronze registered products, alternate clause for Silver or higher



What Dollar Threshold of IT Purchases Does the EPEAT Requirement Apply to?

- **ALL PURCHASES**
- FAR 13.201 (f) “The procurement requirements in subparts 23.1, 23.2, 23.4, and 23.7 apply to purchases at or below the micro-purchase threshold”.



What Products Does EPEAT Cover?

Currently:

Computer Desktops, Notebooks (including two in one notebooks), Displays, Integrated Desktop Computers, Workstation Desktops, Thin Clients, and Slates/Tablets

Imaging equipment: (Printers, Copiers, Multi-Function Devices, Scanners, Fax Machines, Digital Duplicators, Mailing Machines)

Televisions

Up next:

Servers

Mobile devices





What Products Does EPEAT Not Cover Yet? (as of 7/7/15)

- Cellular phones, PDAs, or other handhelds
- Peripherals, except those sold with covered products
- Digital whiteboards
- Handheld scanners and printers (e.g., for bar codes)
- Desktop (small-scale) servers
- Professional signage and digital picture frames



What Is Considered An EPEAT Registered Product?

- Products must be **active** EPEAT registered products at:
 - the time of bid submission
 - the time of award
 - the time of purchase
- Archived EPEAT registered products are not considered EPEAT registered products

EPEAT-Registered Products



- For the purposes of compliance and reporting :
 - Products count as EPEAT-registered if they had an active registration at the time of acquisition

PRODUCT:	Lenovo ThinkCentre M90 Small
PRE:	EPEAT, Inc.
COUNTRY:	United States
PRODUCT TYPE:	Desktops
MANUFACTURER:	Lenovo
URL:	http://www.lenovo.com
RATING:	
REGISTRATION DATE:	1/27/2010
PRODUCT STATUS:	 Active

PRODUCT:	HP Compaq dc5800 Microtower PC
PRE:	EPEAT, Inc.
COUNTRY:	United States
PRODUCT TYPE:	Desktops
MANUFACTURER:	Hewlett-Packard
URL:	http://hp.com
RATING:	
REGISTRATION DATE:	3/26/2008
PRODUCT STATUS:	 Archived on 3/9/2011



Product Availability as of Summer of 2015

- Computers and Displays:
 - Over 1,790 EPEAT registered computer products in US
 - Manufactured by: 28 different manufacturers, representing **over X%** of the global computer market share
- Imaging Equipment:
 - Over 1,071 EPEAT registered imaging equipment products in US
 - Manufactured by: Canon, Dell, Epson, Fujitsu Limited, HP, Kodak Alaris, Konica Minolta, Kyocera, Lexmark, Ricoh, Samsung, Sharp, Toshiba, Xerox
 - Participating manufacturers represent over 80% of global imaging equipment market share
- Televisions
 - Over 190 EPEAT registered televisions in US
 - Manufactured by: LG, Samsung
 - Participating manufacturers represent over 40% of global TV market share
- No known price differential for these products in B2B settings
- If you don't see a product on the Registry that you want to procure, let your vendors know!



Integrating EPEAT Requirements Into Our Contracts

4/25/16

U.S. Environmental Protection Agency



Finding EPEAT Registered Products

- Find on the EPEAT Registry: www.epeat.net
- Procure registered products via:
 - National IT Commodities Program
 - GSA Multiple Award Schedules (36, 58, 70, and 75)
 - GSA Federal Strategic Sourcing Initiative (FSSI) Office Supplies, third generation (OS3) IDIQs
 - GSA FSSI Print Management Services BPAs 9/16/2014
 - Purchasing platforms: GSA Advantage, DOD Email
 - NASA SEWP V IT GWAC
 - NIH NITAC BPA or CIO CS IT GWAC
 - Agency Specific contracts
 - Ask your Agency IT department if your Agency IT hardware contract offers EPEAT registered products
- Specify you want EPEAT registered products in all Task Orders!!



Searching the EPEAT Registry

A program of the Green Electronics Council

Contact Case Studies News

 ABOUT EPEAT PARTICIPANTS RESOURCES MY ACCOUNT



EPEAT is a comprehensive global environmental rating system that helps purchasers identify greener computers and other electronics

 SEARCH THE REGISTRY

Who Participates in EPEAT?



EPEAT Registry Search

Imaging Equipment United States

				Total
Copier	0	16	2	18
Digital Duplicator	0	3	0	3
Facsimile Machine (Fax Machine)	5	0	0	5
Mailing Machine	0	0	0	0
Multifunction Device (MFD)	175	229	65	469
Printer	76	142	10	228
Scanner	25	28	0	53
Totals	281	418	77	776



EPEAT Registry Search

65 Search Results Found | [Search Again](#)

You Searched For:

Country: United States

Product Status: Active

Product Type(s): Multifunction Device (MFD)

Rating: Gold

[Compare Products >>](#)

Options:
[Export Product Info >>](#)
[Export Product and Criteria Info >>](#)

Show entries

Search:

[More Detail](#)

<input type="checkbox"/> Compare	<input type="checkbox"/> Product	<input type="checkbox"/> Country	<input type="checkbox"/> Product Category	<input type="checkbox"/> Rating	<input type="checkbox"/> Opt.Pts	<input type="checkbox"/> Reg. Date
<input type="checkbox"/>	Konica Minolta bizhub C554	United States	Multifunction Device (MFD)	Gold	20	2/21/2013
<input type="checkbox"/>	Konica Minolta bizhub C454	United States	Multifunction Device (MFD)	Gold	20	6/14/2013
<input type="checkbox"/>	Konica Minolta bizhub C364	United States	Multifunction Device (MFD)	Gold	20	6/14/2013
<input type="checkbox"/>	Konica Minolta bizhub C284	United States	Multifunction Device (MFD)	Gold	20	6/14/2013
<input type="checkbox"/>	Konica Minolta bizhub C224	United States	Multifunction Device (MFD)	Gold	20	6/14/2013
<input type="checkbox"/>	Konica Minolta bizhub C554e	United States	Multifunction Device (MFD)	Gold	20	6/18/2013
<input type="checkbox"/>	Konica Minolta bizhub C454e	United States	Multifunction Device (MFD)	Gold	20	6/18/2013



EPEAT Registry Search

EPEAT Product Comparison

[Back to Search Results](#)

Criterion	Brand: Konica Minolta Model: bizhub C554 Company: Konica Minolta Country: United States Rating: Gold Points: 20/25	Brand: Canon Model: imageRUNNER ADVANCE C9280 PRO Company: Canon Country: United States Rating: Gold Points: 19/25	Brand: RICOH Model: MP C6502 Company: Ricoh Americas Corporation Country: United States Rating: Gold Points: 19/25
4.1.2.1 Further reduction of the use of European Union RoHS Directive hazardous substances (cadmium)	YES	YES	YES
4.1.3.2 Use of non-mercury containing light sources	YES	YES	YES
4.1.4.1 Reduction of substances on the European Union REACH Candidate List of SVHCs	YES	YES	YES
4.1.6.2 Eliminating or reducing BFR/CFR content of printed circuit board laminates	NO	NO	NO
4.1.6.3 Eliminating or reducing BFR/CFR/PVC content of product	NO	NO	NO
4.1.7.1 Reduce fluorinated gas emissions resulting from flat panel display manufacturing	YES	YES	YES



Using Existing Contracts

- If your contract includes language on purchasing EPEAT registered products when they become available
 - You should be able to buy EPEAT registered!
 - May need to specify EPEAT registered in task or delivery orders
- If your contract does not include language on purchasing EPEAT registered products
 - You may still be able to buy EPEAT registered
 - Check if you can specify EPEAT registered products in task or delivery orders
 - Check if you can add EPEAT registration requirements in upcoming technology refreshes or contract modifications



What's in the FAR?

- The FAR currently includes contract clauses which require procurement of EPEAT registered products for all of the covered products
- These clauses can be integrated in existing contracts via technology refreshes and added to all new contracts



FAR Contract Clause for Procuring EPEAT Registered Computer Desktops, Laptops, and Monitors

52.223-16 Acquisition of EPEAT Registered Personal Computer Products.

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for contractor use at a Federally controlled facility, only personal computer products that at the time of submission of proposals and at the time of award, were EPEAT Bronze registered or higher.

(c) For information about EPEAT, see www.epa.gov/epeat.

Alternate 1 (Jun 2014). As prescribed in [23.705\(d\)\(2\)](#), substitute the following paragraph (b) for paragraph (b) of the basic clause:

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for contractor use at a Federally controlled facility, only personal computer products that, at the time of submission of proposals and at the time of award, were **EPEAT Silver registered or gold-registered**.



FAR Contract Clause for Procuring EPEAT Registered Imaging Equipment

52.223–13 Acquisition of EPEAT®- Registered Imaging Equipment.

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only imaging equipment that, at the time of submission of proposals and at the time of award, was EPEAT® bronze registered or higher.

(c) For information about EPEAT®, see www.epa.gov/epeat.

Alternate I (Jun 2014). As prescribed in 23.705(b)(2), substitute the following paragraph (b) for paragraph (b) of the basic clause:

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for contractor use at a Federally controlled facility, only imaging equipment that, at the time of submission of proposals and at the time of award, was EPEAT **silver-registered or gold-registered**.



FAR Contract Clause for Procuring EPEAT Registered Televisions

52.223–14 Acquisition of EPEAT®- Registered Televisions.

- (b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only televisions that, at the time of submission of proposals and at the time of award, were EPEAT® bronze registered or higher.
- (c) For information about EPEAT®, see www.epa.gov/PEAT.

Alternate I (Jun 2014). As prescribed in 23.705(c)(2), substitute the following paragraph (b) for paragraph (b) of the basic clause:

- (b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for Contractor use at a Federally controlled facility, only televisions that, at the time of submission of proposals and at the time of award, were EPEAT® **silver-registered or gold-registered**.



Tracking Our Greener IT Purchases

4/25/16

U.S. Environmental Protection Agency



Contract Administration Audit

FAR 42.301 (a) (68) **Monitor** the contractor's **environmental practices** for adverse impact on contract performance or contract cost, and for **compliance with environmental requirements** specified in the contract. ACO responsibilities include—

- (i) Requesting environmental technical assistance, if needed;
- (ii) Monitoring contractor compliance with specifications or other contractual requirements requiring the **delivery or use of environmentally preferable products, energy-efficient products, products containing recovered materials, and biobased products**. This must occur as part of the quality assurance procedures set forth in Part 46.



Reporting Requirements Related to EPEAT

- All agencies are required to report to OMB on their procurement of EPEAT registered products as part of the Federal Energy and Sustainability Scorecard
- Agencies must report:
 - a. If IT contracts include EPEAT clauses
 - b. % of EPEAT products purchased in FY 2015 Agency-wide in the following categories:
 - Monitors
 - PCs
 - Laptops
 - Multi-Function Devices
 - Printers
 - Televisions
- **Compliance will be based on all EPEAT products purchased/leased from January – July FY 15 for the July FY15 Scorecard, and for July – December 2015 for the January FY16 Scorecard**

4/25/16



Recommended Language for New Contracts

- “Suppliers are required to provide quarterly reports quantifying the number of EPEAT registered products purchased under this contract. The information must be reported in a matrix providing the following data for the current quarter, the fiscal year, and the duration of the contract”.

	Unregistered	Bronze	Silver	Gold
Desktops	1	0	5	12
Notebooks	0	1	3	10
Displays	0	0	0	30
Televisions	1	1	0	0
Printers	0	5	0	0
Copiers	0	2	0	0
MFDs	1	1	0	0

EXAMPLE



Recommended Language for New Contracts

- “Suppliers are required to block non-EPEAT registered products on their electronic catalogs that customers may buy from through this contract”.



Where to Find the Standards Used by EPEAT

- The IEEE 1680.1 Standard for the Environmental Assessment of Personal Computer Products:
<http://www.techstreet.com/ieee/products/1676906>
- The IEEE 1680.2 Standard for the Environmental Assessment of Imaging Equipment:
<http://www.techstreet.com/ieee/products/1789029>
- The IEEE 1680.3 Standard for the Environmental Assessment of Televisions:
<http://www.techstreet.com/ieee/products/1789028>



Need Further Assistance?

- Holly Elwood, EPA
 - elwood.holly@epa.gov
 - 202-564-8854
 - www.epa.gov/epeat (has these training slides and the contract clauses and other resources)
- Federal agencies can email questions or requests for technical assistance to fec@epa.gov