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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF AIR AND
RADIATION

December 12, 2024

Dear ENERGY STAR® Medical Imaging Equipment Stakeholders:

The U.S. Environmental Protection Agency (EPA) is pleased to distribute the [Final Draft ENERGY STAR Medical Imaging Equipment Test Method](#) and [Final Draft ENERGY STAR Medical Imaging Equipment specification](#). Comments may be submitted to EPA no later than January 6, 2025. EPA plans to finalize this Version 1.0 specification in January with an effective date of November 3, 2025.

In developing the Final Draft specification and final draft test method, EPA considered the [feedback](#) submitted by a stakeholder on the Draft 2 proposal. Note boxes throughout the specification provide EPA's response to this feedback and rationale for the proposed criteria. The Final Draft Version 1.0 specification incorporates the following key elements:

Draft 1 Specification

After consideration of the additional feedback from stakeholders, EPA has updated the definitions for General Radiography (X-ray), Mammography Equipment, Nuclear Imaging, Off mode, and Ready-to-scan mode. EPA has also added a definition for Permanent Magnetic Resonance Imaging.

In addition, EPA has updated the list of excluded products to add remanufactured or refurbished medical imaging products and permanent magnetic resonance imaging products.

Test Method

EPA and the Department of Energy (DOE) received feedback indicating some edits to the COCIR test method that underpins the ENERGY STAR test method and has harmonized where appropriate with the updated test method. In particular, the Agency has aligned with the upcoming COCIR test method on Ready-to-scan Mode, Lower Power Mode, and Power Save Mode testing. These updates harmonize testing to support international efforts such as the European Commission's Self-Regulatory Initiative on Medical Imaging Equipment. In addition, the EPA and DOE clarified that no external UPSs shall be connected between the power meter and the unit under test.

Comment Submittal

To the extent you have final feedback for EPA's consideration, please submit written comments to medicalimaging@energystar.gov no later than January 6, 2025. All comments will be posted to the ENERGY STAR [Product Development](#) website unless the submitter requests otherwise.

Next Steps

As a reminder, EPA requires all ENERGY STAR products to be third-party certified to ensure consumer confidence in the ENERGY STAR label and to protect the investment of ENERGY STAR partners. Products are tested in an EPA-recognized laboratory and reviewed by an EPA-recognized certification body before they can carry the label. For more information on EPA's third-party certification process, visit www.energystar.gov/testingandverification. These requirements are documented along with other partner obligations in the partner commitments that were previously shared with the draft 1 specification. EPA is

including updated partner commitments along with the final draft and will share next steps upon finalizing the specification. Note that EPA does not plan to include medical imaging as part of the annual verification testing.

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. Specifications and meeting materials will be distributed via email and posted on the ENERGY STAR website. To track EPA's progress on this specification, please visit the [product development website](#).

Please contact me at Fogle.Ryan@epa.gov or 202-343-9153 or John Clinger at John.Clinger@icf.com or 215-861-8667 with questions or concerns. For any other medical imaging related questions, please contact medicalimaging@energystar.gov. Thank you for your continued support of the ENERGY STAR program.

Sincerely,



Ryan Fogle, Product Manager ENERGY STAR for IT and Data Center Products
U.S. Environmental Protection Agency

Enclosures:

[ENERGY STAR Version 1.0 Medical Imaging Equipment Final Draft Test Method](#)
[ENERGY STAR Version 1.0 Medical Imaging Equipment Final Draft Specification](#)

For more information, visit: www.energystar.gov