

# Certification and Compliance Obligations for Walk-in Coolers and Freezers

## For Walk-In Cooler and Freezer Panels:

- Currently, manufacturers must certify compliance with the EISA 2007 R-value requirements using the template available here: <https://www.regulations.doe.gov/ccms/templates>. The R-value standards remain unchanged from the standards that have been in effect since January 1, 2009.
- There will be no change in the certification requirements once the amended WICF TP becomes effective on June 26, 2017.
- In early June, DOE will post a version 5 template for walk-in panels. The Certification tab on the version 5 template is different from those in version 4 templates. Manufacturers must use the new version 5 template for their annual certification due August 1 or for any new basic models certified after the new template is posted.
- Once the WICF TP becomes effective on June 26, 2017, the permanent nameplate of a walk-in cooler or walk-in freezer panel must be marked clearly with the panel brand or manufacturer, as well as the one of the following statements, as appropriate:
  - “This panel is designed and certified for use in walk-in cooler applications.”;
  - “This panel is designed and certified for use in walk-in freezer applications.”; or
  - “This panel is designed and certified for use in walk-in cooler and walk-in freezer applications.”
- The test procedure, standards, and labeling requirements for walk-in panels are located at 10 C.F.R. Part 431, Subpart R (<https://www.ecfr.gov/cgi-bin/text-idx?SID=dfdf7e682b2b726c81d85d76170027ce&mc=true&node=sp10.3.431.r&rgn=div6>). Certification requirements for walk-in panels are located at 10 C.F.R. Part 429, Subpart B (<https://www.ecfr.gov/cgi-bin/text-idx?SID=1785ce9e0fb619f030f4274d2c5e1b0e&mc=true&node=pt10.3.429&rgn=div5>).

## For Walk-In Cooler and Freezer Doors:

- Currently, manufacturers must certify compliance with the EISA 2007 R-value requirements and prescriptive requirements using the template available here: <https://www.regulations.doe.gov/ccms/templates>.
- Beginning June 5, 2017, all walk-in doors manufactured must comply with the amended performance-based standards and the EISA 2007 requirements. However, manufacturers may wait to certify compliance with the amended standards until June 26, 2017.
- In early June, DOE will post a version 5 certification template that manufacturers must use to certify compliance with the amended performance energy consumption standards and the EISA 2007 requirements. In addition to fields for reporting compliance with the EISA 2007 requirements, the new template will require manufacturers to certify energy consumption, rated surface area, rated power of electricity consuming device, and whether such device has a controller.

- Once the WICF TP becomes effective on June 26, 2017, the permanent nameplate of a walk-in cooler or walk-in freezer door must be marked clearly with the door brand or manufacturer, as well as the one of the following statements, as appropriate:
  - "This door is designed and certified for use in walk-in cooler applications.";
  - "This door is designed and certified for use in walk-in freezer applications."; or
  - "This door is designed and certified for use in walk-in cooler and walk-in freezer applications."
- The test procedure, standards, and labeling requirements for walk-in doors are located at 10 C.F.R. Part 431, Subpart R (<https://www.ecfr.gov/cgi-bin/text-idx?SID=dfdf7e682b2b726c81d85d76170027ce&mc=true&node=sp10.3.431.r&rgn=div6> ). Certification requirements for walk-in doors are located at 10 C.F.R. Part 429, Subpart B (<https://www.ecfr.gov/cgi-bin/text-idx?SID=1785ce9e0fb619f030f4274d2c5e1b0e&mc=true&node=pt10.3.429&rgn=div5> ).

For Walk-In Cooler and Freezer Refrigeration Systems: Medium-temperature dedicated condensing units, medium-temperature single-package dedicated systems, or medium-temperature matched systems:

- Currently, manufacturers must certify compliance with the EISA 2007 prescriptive requirements using the template available here: <https://www.regulations.doe.gov/ccms/templates>
- Beginning June 5, 2017, all walk-in medium-temperature dedicated condensing units, medium-temperature single-package dedicated systems, or medium-temperature matched systems manufactured must comply with both the amended performance-based standards and the EISA 2007 requirements. However, DOE will not require manufacturers to certify compliance with the amended performance-based standards until June 26, 2017. [1]
- Starting June 26, 2017, manufacturers of medium-temperature dedicated condensing units, medium-temperature single-package dedicated systems, or medium-temperature matched systems must additionally certify AWEF; net capacity; tested configuration; whether an indoor dedicated condensing unit is also certified as an outdoor dedicated condensing unit and, if so, the basic model number for the outdoor dedicated condensing unit.
- In early June, DOE will post a version 5 certification template that manufacturers must use to certify compliance to the amended AWEF standards in addition to certifying compliance with the EISA 2007 requirements.
- Once the WICF TP becomes effective on June 26, 2017, the permanent nameplate of a walk-in cooler or walk-in freezer refrigeration system for which standards are prescribed must be marked clearly with the refrigeration system brand or manufacturer; the refrigeration system model number; the date of manufacture of the refrigeration system; and if the refrigeration system is a dedicated condensing refrigeration system, and is not designated for outdoor use, the statement, "Indoor use only" (for a matched pair this must appear on the condensing unit). The nameplate must also have one of the following statements, as appropriate:
  - "This refrigeration system is designed and certified for use in walk-in cooler applications.";
  - "This refrigeration system is designed and certified for use in walk-in freezer applications."; or
  - "This refrigeration system is designed and certified for use in walk-in cooler and walk-in freezer applications."

- The test procedure, standards, and labeling requirements for walk-in refrigeration systems are located at 10 C.F.R. Part 431, Subpart R (<https://www.ecfr.gov/cgi-bin/text-idx?SID=dfdf7e682b2b726c81d85d76170027ce&mc=true&node=sp10.3.431.r&rgn=div6>). Certification requirements for walk-in refrigeration systems are located at 10 C.F.R. Part 429, Subpart B (<https://www.ecfr.gov/cgi-bin/text-idx?SID=1785ce9e0fb619f030f4274d2c5e1b0e&mc=true&node=pt10.3.429&rgn=div5>).

For Walk-In Cooler and Freezer Refrigeration Systems: Low-temperature dedicated condensing units, low-temperature single-package dedicated systems, low-temperature matched systems, or medium and low-temperature unit coolers:

- Currently manufacturers must certify compliance with the EISA 2007 prescriptive requirements using the template available here: <https://www.regulations.doe.gov/ccms/templates>
- In May, DOE will post a version 5 template for walk-in refrigeration systems. The version 5 template will continue to require certifications of compliance with the EISA 2007 requirements and will also include updates to the Certification tab. Manufacturers of low-temperature dedicated condensing units, low-temperature single-package dedicated systems, low-temperature matched systems, or medium and low-temperature unit coolers must use the new version 5 template for their annual certification due August 1 or to certify new basic models after the version 5 template has been posted.
- Certification of AWEF; net capacity; tested configuration; whether an indoor dedicated condensing unit is also certified as an outdoor dedicated condensing unit and, if so, the basic model number for the outdoor dedicated condensing unit will be required on the compliance date for any AWEF refrigeration standards and may be provided optionally prior to that date. Similarly, although labeling will be required on the compliance date with any AWEF refrigeration standards, refrigeration systems may be optionally labeled prior to that date. .
- The test procedure, standards, and labeling requirements for walk-in refrigeration systems are located at 10 C.F.R. Part 431, Subpart R (<https://www.ecfr.gov/cgi-bin/text-idx?SID=dfdf7e682b2b726c81d85d76170027ce&mc=true&node=sp10.3.431.r&rgn=div6> ). Certification requirements for walk-in refrigeration systems are located at 10 C.F.R. Part 429, Subpart B (<https://www.ecfr.gov/cgi-bin/text-idx?SID=1785ce9e0fb619f030f4274d2c5e1b0e&mc=true&node=pt10.3.429&rgn=div5> ).

For Process Cooling WICF Components:

- Manufacturers of walk-in panels, doors, and refrigeration systems used for process cooling applications must comply with the EISA 2007 R-value requirements and prescriptive requirements.
- Once the WICF TP becomes effective on June 26, 2017, manufacturers of walk-in panels, doors, and refrigeration systems used for process cooling applications must certify compliance with the EISA 2007 R-value and prescriptive requirements using the applicable certification templates available here: <https://www.regulations.doe.gov/ccms/templates>
- Refrigeration systems used *exclusively* in process cooling applications are not subject to the performance based AWEF standards for walk-in refrigeration systems. Refrigeration systems used *exclusively* in process cooling applications are subject to the EISA 2007 prescriptive requirements and must be certified by June 26, 2017. Doors and panels used in such walk-in coolers and freezers must still be certified as stated above.

- Once the WICF TP becomes effective on June 26, 2017, refrigeration systems used exclusively in process cooling applications must be labeled with the statement “This refrigeration system is designed for use exclusively in walk-in cooler and walk-in freezer process cooling refrigeration applications.”

For more information please visit the [WICF](#) webpage.

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[1] Although DOE will not seek civil penalties or injunctive relief for a limited period of time concerning violations of the four energy conservation standards applicable to dedicated condensing refrigeration systems operating at medium temperatures that are promulgated at 10 C.F.R. § 431.306 (see the specific enforcement policy statement at <https://www.energy.gov/sites/prod/files/2016/02/f29/Enforcement%20Policy%20Statement%20-%20WICF%2002-01-16.pdf>), manufacturers are still required to certify the efficiency of medium temperature condensing units.