

INSTALLER ONSITE CHECKLIST FOR

Activity 43 – cold rooms installation

Required documentation

ACTIVITIES UNDERTAKEN (MARK IF APPLICABLE)

- 43A / 43B(i) / 43B(ii)
- Assignment form

All fields in the VEEC assignment form must be completed and correctly filled in.
- Invoice for work completed (tax invoice)

A valid tax invoice for the work carried out must include:

 - the name, address, and Australian Business Number (ABN)/ Australian Company Number (ACN) of the energy consumer
 - the date of issue of the invoice
 - the installation address
 - the name, address, & ABN of the upgrade manager business
 - the itemised list of installed cold room parts including brand(s) and model(s) names.
- Technical data sheet (of new upgrade product installed)

Technical/data sheet(s) detailing all installed parts which clearly show the brand name and model for each of the installed parts.
- Certificate of electrical safety (must include address details, type & quantity of products installed)

The certificate must include the type and number of parts installed (where more than one upgrade is undertaken at a single premises).
- Victorian Building Authority (VBA) compliance certificate (must include address details, type & quantity of products installed)

Same format as Certificate of electrical safety.
(For upgrades costing \$750 or more (if applicable))

Geo-tagged photos

- Photo from outside of premises (front of store)
- Overview photo of cold room (from outside the cold room)
- Photo of evaporator
- Close-up picture of the rating plate on the evaporator
- Photo of electronic TX valve
- Photo(s) of superheat controller
(Multiple photos may be required)

- Photo of temperature or set point showing less 7 °C for cold room (Decimal value should be clear and visible)
- Photo of temperature or set point showing less than 0°C for freezer room (Decimal value not necessary, if not programmed)
- Photo of the nameplates of all installed parts
- Photo all installed parts in situ, connected and as part of the cold room system

Activity scenarios

43A : Installing an electronic expansion valve and compatible superheat controller in a refrigeration system.

43B(i) : Installing a refrigeration system that includes at least three of the parts set out in this Table for Activity 43B(ii), provided that at least one of the three parts must be:

- technology capable of varying condensing temperature with ambient temperature to improve system performance; or
- compressors with variable capacity modulation such as variable speed capacity control, other than;
 - on/off capacity control on single compressor systems
 - hot gas bypass
 - fixed stage cylinder unloading.

43B(ii) : Installing a refrigeration system that includes all of the following parts:

- technology capable of varying condensing temperature with ambient temperature to improve system performance.
- compressors with variable capacity modulation such as variable speed capacity control, other than;
 - on/off capacity control on single compressor systems
 - hot gas bypass
 - fixed stage cylinder unloading.
- electronic expansion valve and compatible superheat controller that meet the requirements of Activity 43A (i.e. An electronic expansion valve and compatible superheat controller that are designed to be installed together in the refrigeration system of a cold room and when installed together into a refrigeration system can and will automatically control the superheat of the refrigeration system.)
- speed controlled condensing fans, that;
 - are electronically commutated (EC) fans, or
 - are variable speed drive (VSD) driven fans
- evaporator fans, that are electronically commutated (EC) fans.