



Guideline for exporters:

**Test of functionality of
used electric and electronic equipment (UEEE)**

March 2016

Export of used electric and electronic equipment (used EEE)

This guideline is dedicated to exporters of used electric and electronic equipment (used EEE) in order to meet legal requirements.

A test of functionality and an evaluation of hazardous substances are required to prove that the equipment exported is suitable for reuse. This guideline gives practical advice to exporters in understanding and fulfilling these requirements. In this guideline, you will also find specific descriptions for some relevant equipment types. On the last pages, you will find contact information and a list of references for further information.

The strict legal requirements shall hinder illegal export of used equipment that should have been regarded as waste. Regulations are based on the fact that waste electric and electronic equipment (WEEE) can be hazardous and harmful for the environment and thus it should be delivered to take back systems for WEEE and treated at facilities specialized in handling this type of waste.

Product or waste?

Used EEE becomes WEEE when discarded. Similarly, used EEE becomes WEEE when someone intends to discard used EEE or is required to discard it. To make this judgment it is necessary to examine the history of the equipment on a case-by-case basis. Here are some characteristics indicating that the equipment should be regarded as waste and not to be exported without a prior written notification and consent:

- The equipment is not working as intended
- It is incomplete with essential parts missing
- It shows physical damage
- The equipment includes parts that are required to be discarded such as prohibited hazardous substances
- Packaging is insufficient
- The product is destined for disposal or material recovery instead of reuse
- There is no regular market for the equipment
- The equipment is old or outdated and destined to gain spare parts

Different rules on WEEE export out of OECD and within OECD

In general, it is prohibited to export WEEE out of OECD. Please contact Finnish Environment Institute for more information.

Within the OECD and the EU, the shipments of WEEE need to follow the procedure of prior written notification and consent.

Export of used EEE

It is not always easy to distinguish between a used equipment and waste. Only good quality used goods not containing substances prohibited by law can legally be exported.

Only functional equipment that have a market for reuse, a reasonable expected lifetime, do not contain hazardous substances prohibited by law and will in addition be used for the originally intended use can be exported as used goods. This guideline will help you to find out, what is a functional equipment and what criteria the tests shall follow in order to determine functionality.

The regulations in brief

General requirements¹

If you export used EEE, you have to meet the requirements listed below. Otherwise, the used EEE will be considered as waste and the shipment therefore most likely will be considered as an illegal shipment of waste.

1. The used EEE must be appropriately protected against damage during transportation and loading by sufficient packaging.
2. The following documents must accompany the shipment:
 - a. Copy of invoice and contract that states that the equipment is destined for direct reuse and is fully functional.
 - b. Relevant transport document (CMR or waybill) and a declaration made by the liable person on its responsibility.
 - c. Declaration from the exporter or the holder that arranges the transport that none of the equipment or none of the material in the consignment or shipment is waste.
 - d. Documentation of evaluation of hazardous substances and documentation on test of functionality in the form of a copy of records (certificate of testing, proof of functionality) on every item within the consignment or shipment.
 - i. Documentation on test of functionality in the form of copy of records and documentation of evaluation of hazardous substances shall also be fixed securely on either the EEE itself (if not packed) or on the packaging so it can be read without unpacking the equipment.
 - ii. The record shall contain the following if available; name of the item, identification number of the item, year of production, name and address responsible for testing, testing date and type and evidence of functionality.

Exception from requirements of testing, evaluation and functionality

Some of the above-described requirements do not apply in case when you can document by conclusive proof that the shipment is taking place in the framework of a business-to-business transfer agreement, with the intention of reuse, and that

- a) The EEE is sent back to producer or its third party as defective for repair under warranty; or
- b) The used EEE for professional use is sent to the producer or a third party acting on his behalf or a third-party facility in OECD-countries, for refurbishment or repair under a valid contract; or
- c) The defective used EEE for professional use, such as medical devices, is sent to producer or its third party, for root cause analysis, under a valid contract.

Requirements for shipments listed in exemption a, b or c above:

- Appropriate protection against damages
- Declaration that the shipment does not contain waste
- B2B transfer agreement
- Relevant transport document
- Declaration of liability

¹ Valtioneuvoston asetus sähkö- ja elektroniikkalaiteromusta 2014/519, Liite 6

Product specific guideline for test of functionality and evaluation of hazardous substances

The following descriptions cover relevant equipment for export for reuse. For other products, you should look at the general guideline and the literature references given in this guideline. The guideline emphasizes test of functionality and evaluation of hazardous content. In addition, you will find other relevant recommendations as well.

The equipment specific guideline is divided in three main categories; of which the first two categories are related to the export regulations and are to be complied with, while the latter is derived from best practices among actors engaged in such export.

- 1) Evaluation for the presence of hazardous substances
- 2) Test of functionality
- 3) Recommended additional criteria

Exporters will most likely need to develop own procedures based on this guideline including additional requirements given by customers and other considerations. The tests should be made by a qualified person.

Acceptance criteria should be set up by the company responsible for the export and updated on a regular basis.

Refrigerators and freezers

This guideline specifies the process for test of functionality for refrigerators, freezers and combined fridge/ freezers and which hazardous substances to be particularly aware in connection with this type of equipment.



An example of a non- functional refrigerator: power -plug missing.

Topic	Test	Acceptable test result
Evaluation for the presence of hazardous substances		
CFC- or HCFC-compounds	<p>Check refrigerant and foam type. Equipment containing CFC- or HCFC-compounds is banned from export (see appendix 1). Usually the refrigerant type is marked on the back of the equipment or on the compressor. If the refrigerant and/or foam type cannot be ascertained, the equipment should not be reused.</p> <p>The export of equipment which are planned to use the above mentioned banned compounds is not allowed also if no such compound is present at the moment of export.</p>	<p>The equipment is without CFC- or HCFC-compounds.</p> <p>The equipment is not planned to use the above mentioned banned compounds.</p>
Other hazardous substances	<p>Check the equipment for the presence of hazardous substances and evaluate the risk of damage to the environment if the equipment is exported for reuse.</p> <p>It is recommended to evaluate the equipment against the restrictions in the RoHS directive.</p> <p>Refrigerators and freezers may contain brominated flame retardants (e.g. in circuit boards), mercury (e.g. in switches) or other hazardous substances.</p>	<p>The presence of hazardous substances has been evaluated, including the risk of damage to the environment if the equipment is exported for reuse.</p> <p>In general it is not recommended to export products that are not RoHS-compliant out of OECD.</p>
Test of functionality		
Components necessary for functionality	<p>Visually check that all components are present and without damage, corrosion or serious signs of wear:</p> <ul style="list-style-type: none"> • Cabinet and door • Door seal(s) • Control panel and switches • Compressor and cooling matrix 	Present without damage.
	<p>Check that the interior wall is not loosened from the cooling matrix (on back) as this will significantly impair the equipment's ability to cool (and will often be difficult and expensive to repair).</p>	Interior wall is connected to the cooling matrix.
Safety	Visually check power cord, plug and insulation.	Complete and intact.
	Perform an earth continuity test.	Earth continuity OK.
	Perform an earth resistance test.	Earth resistance OK.

Topic	Test	Acceptable test result
	Perform an insulation resistance test.	Insulation resistance OK.
Test of functionality	<p>Perform temperature control at a room temperature of 15-25°C:</p> <p>Place one thermometer in freezer compartment and one on top shelf of the fridge compartment.</p> <p>Set the thermostat to midway/cold setting. Turn the equipment on and let it run for 12 hours.</p> <p>Check that the thermostat works by checking that the compressor starts/stops appropriately according to the temperature settings. A non-functioning thermostat can lead to over-freezing.</p>	<p>The compressor starts and cooling begins. The thermostat turns the compressor off when the pre-set temperature is reached (no over-freezing).</p> <p>Acceptance temperatures:</p> <p>Fridge: 0 - 5°C</p> <p>1 star freezer: -6°C (max)</p> <p>2 star freezer: - 12°C (max)</p> <p>3 star freezer: -18°C (max)</p>
Recommended additional criteria		
Complete and functional equipment	Visually check interior parts (shelves, salad compartments etc.).	Present without damage.
	Visually check feet.	Present without damage.
	Check that the internal light turns on when opening the door and off when closing it.	Internal light OK.
Market value	Evaluate market value and market demand for the specific equipment.	There is market demand for the equipment.
	Evaluate the technology of the equipment compared to new equipment/technology.	The technology of the equipment is not obsolete.
Energy labelling	Check for energy label. If not present, check the equipment by internet search (manufacturer's website).	Export for reuse is only recommended for equipment with energy label A or B.
Hygiene condition	Check interior for moisture, food residues and smell.	The equipment's interior is clean, dry and without smell or food residue.

Washing machines

This guideline specifies the process for test of functionality of washing machines and which hazardous substances to be particularly aware of in connection with this type of equipment. With a few adjustments (e.g. regarding the program cycles to be tested), the guideline may also be applied for **tumble dryers** and **dishwashers**.



An example of a non-functional washing machine: damaged door seal.

Topic	Test	Acceptable test result
Evaluation for the presence of hazardous substances		
Hazardous substances	<p>Check the equipment for the presence of hazardous substances and evaluate the risk of damage to the environment if the equipment is exported for reuse.</p> <p>It is recommended to evaluate the equipment against the restrictions in the RoHS directive.</p> <p>Old (pre 1985) equipment may have PCB capacitors located inside the housing connected to the engine power supply. Equipment from this period must be checked against public databases of the equipment/serial numbers of capacitors. Washing machines may also contain brominated flame retardants (e.g. in circuit boards), mercury (e.g. in switches) or other hazardous substances.</p>	<p>The presence of hazardous substances has been evaluated, including the risk of damage to the environment if the equipment is exported for reuse.</p> <p>In general it is not recommended to export products that are not RoHS-compliant out of OECD.</p>
Test of functionality		
Components necessary for functionality	<p>Visually check that all components are present and without damage, corrosion or serious signs of wear:</p> <ul style="list-style-type: none"> • Cabinet and door(s) • Seals on door(s) • Water hoses and connectors • Control panel and switches • Detergent compartment 	Present without damage.
Safety	Visually check power cord, plug and insulation.	Complete and intact without damage.
	Perform an earth continuity test.	Earth continuity to equipment earth and shell < 0, 1 ohm.
	Perform an insulation resistance test.	Insulation resistance > 2,0 Mohm.
	Perform current leakage load test.	Measured current draw is according to load.
Test of functionality	<p>Water pump(s):</p> <p>Open pump house lid and turn pump by hand. Check that the pump turns without abnormal play/slack and resistance.</p>	Pump OK.
	<p>Drum bearings:</p> <p>Turn drum by hand and check that the drum bearings run</p>	Drum bearings OK.

Topic	Test	Acceptable test result
	smoothly, without noise and without play/slack.	
	<p>Motor:</p> <p>When the machine is started, check that the motor operates smoothly and quietly.</p>	The motor runs smoothly.
	<p>Door lock:</p> <p>When the machine is connected, check that the locking/unlocking mechanism works properly.</p>	Door mechanism is OK.
	<p>Programmes:</p> <p>Connect the machine. Fill the drum with clean textile items. Run it on a full 40°C cycle as a minimum.</p> <p>It is recommended to test several different cycles at different temperature settings from 30°C to 90°C.</p>	<ul style="list-style-type: none"> • Machine follows programme through to the end. • Washed textiles are visibly clean and do not have a malodour. • The motor runs smoothly. • Water pumps in and out properly without overfilling. • Water is heated properly according to program setting. • Machine takes washing agent. • Centrifugation works properly. • Machine does not leak water.
Recommended additional criteria		
Market value	<p>Evaluate market value and market demand of the specific equipment.</p> <p>Evaluate the technology of the equipment compared to new equipment/technology.</p>	<p>There is a market demand for the equipment.</p> <p>The technology of the equipment is not obsolete.</p>
Energy labelling	Check for energy label. If not present, check the equipment by internet search (manufacturer's website).	Export for reuse is only recommended for equipment with energy label A or B.
Hygiene condition	Check interior for moisture, smell and waste (e.g. old fabric).	The equipment interior is clean, dry and without smell and waste.

Desktop and laptop computers

This guideline specifies the process for test of functionality for desktop PCs, laptops and notebooks, as well as the hazardous substances to be particularly aware of in connection with this type of equipment. However, monitors, peripherals, servers and network infrastructure such as hubs and switches are not covered.

Different types of software can be used to test the functionality of internal components. It is recommended to use approved and/or certified tools to ensure data eradication.



An example of a non-functional laptop computer: battery, hard disk and covers missing.

Topic	Test	Acceptable test result
Evaluation for the presence of hazardous substances		
Hazardous substances	<p>Check the equipment for the presence of hazardous substances and evaluate the risk of damage to the environment if the equipment is exported for reuse.</p> <p>It is recommended to evaluate the product against the restrictions in the RoHS directive.</p> <p>Computers may contain brominated flame retardants (e.g. in circuit boards), mercury bulbs in screen backlight and other hazardous substances.</p>	<p>The presence of hazardous substances has been evaluated, including the risk of damage to the environment if the equipment is exported for reuse.</p> <p>In general it is not recommended to export products that are not RoHS-compliant out of OECD.</p>
Test of functionality		
Components necessary for functionality	<p>Visually check that all components are present and without damage, corrosion or serious signs of wear:</p> <ul style="list-style-type: none"> • Cabinet • Screen/monitor (if present) • Switches and keyboard (if present) • Input and output sockets • Charger, cable and plug (if present) • Batteries and battery compartment (if present) 	<p>Components necessary for normal use are present and without damage that will hinder functionality.</p>
Safety	<p>Visually check power cord, plug and insulation.</p>	<p>Complete and intact without damage.</p>
	<p>Perform an insulation resistance test.</p>	<p>Insulation resistance > 2,0 Mohm.</p>
Test of functionality	<p>It is highly recommended to perform data eradication as a first or integrated step in the test of functionality, preferably by approved and/or certified data eradication programs. When using such software, it must be documented that the software as a minimum tests the functionality requirements described here.</p>	
	<p>Internal clock battery:</p> <ul style="list-style-type: none"> • Check the status of the internal clock batteries. 	<p>The remaining lifetime of internal clock batteries must be at least one year at normal use.</p>
	<p>Laptop and notebook batteries:</p> <ul style="list-style-type: none"> • Check the battery life by fully charging it, unplugging it from the charger and performing the tests described 	<p>The fully charged battery should last for the duration of the remaining tests or 1 hour, whichever is the longer.</p>

Topic	Test	Acceptable test result
	below.	
	Boot-up test (POST): <ul style="list-style-type: none"> • Turn on the computer and complete the boot up process to the operating system. 	The computer should boot up successfully.
	Check the following sub-components for functionality: <ul style="list-style-type: none"> • All drives • Keyboard and mouse input • Cooling fan • CD, DVD, floppy and USB drives • Network ports and/or internal wireless internet connections • Other output and input ports 	All functions necessary for normal use of the computer are OK.
	Laptop and notebook screen: <ul style="list-style-type: none"> • Check for 'image retention/persistence'. • Check that the LCD backlight is working. • Test the picture quality for pixels, colour, contrast and brightness. The picture should not be 'fuzzy', or too dark. Colours, brightness, hue and straightness of lines should be considered. Software based diagnostic tools to test display devices are readily available, and should be used to check flat panels for dead and frozen pixels.	The screen shows no sign of image persistence. The picture is sharp and not too dark, and there are no damaged pixels. Number and position of dead pixels do not affect normal use. Backlighting is working. The result of software based diagnostic testing is positive.
Recommended additional criteria		
Data eradication	Data stored by previous users of the equipment must be deleted permanently using approved/certified data eradication software.	No user data is contained within the device.
Equipment specification	The company responsible for the export should define and regularly update its criteria for when a computer has enough capacity to be reused. At present (2015) a minimum recommendation for PCs is processor Pentium 4, 1.4 GHz, 512 MB RAM and 20 GB hard disk.	The equipment meets the decided specification criteria.
Market value	Evaluate the market value and market demand of the specific equipment. Evaluate the technology of the equipment compared to new equipment/technology.	There is a market demand for the equipment. The technology of the equipment is not obsolete.
Dust, dirt and hygiene status	Check exterior cabinet, keyboard etc. for dirt, labels etc. Check internal components for dust, moisture etc., including ventilation fans, grilles, circuit board etc.	The equipment interior and exterior is clean and without dust and dirt that can affect the functionality.

Computer monitors and TVs

This guideline specifies the process for test of functionality of CRT and flat screens (LCD, LED and plasma) computer monitors and TVs and which hazardous substances to be particularly aware of in connection with this type of equipment.



An example of a non-functional flat screen TV: serious damage in cabinet.

Topic	Test	Acceptable test result
Evaluation for the presence of hazardous substances		
Hazardous substances	<p>Check the equipment for the presence of hazardous substances and evaluate the risk of damage to the environment if the equipment is exported for reuse.</p> <p>It is recommended to evaluate the equipment against the restrictions in the RoHS directive.</p> <p>Monitors may contain brominated flame retardants (e.g. in circuit boards) and other hazardous substances. CRT monitors (cathode ray tubes) contain hazardous components in the tube (lead, phosphor, barium etc.). Flat screen monitors and TVs may contain mercury backlight bulbs.</p>	<p>The presence of hazardous substances has been evaluated, including the risk of damage to the environment if the equipment is exported for reuse.</p> <p>In general it is not recommended to export products that are not RoHS-compliant out of OECD.</p> <p>CRT monitors are not recommended for export due to hazardous substances and obsolete technology.</p>
Test of functionality		
Components necessary for functionality	<p>Visually check that all components are present and without damage, corrosion or serious signs of wear:</p> <ul style="list-style-type: none"> • Cabinet and stand • Screen surface • Switches • Input sockets • Signal and power cords and plugs 	Components necessary for normal use are present and without damage that will hinder functionality.
Safety	Visually check power cord, plug and insulation.	Complete and intact without damage.
	Perform an insulation resistance test.	Insulation resistance > 2,0 Mohm.
Test of functionality	Software based diagnostic tools to test display devices are readily available and should be used to check flat panels for dead and frozen pixels.	
	<p>The monitor shall be plugged in for a minimum of 10 minutes to reach operational temperature:</p> <ul style="list-style-type: none"> • Check for 'screen burn' (CRTs). • Check for 'image persistence' (flat screens). • Check that the LCD backlight is working (flat screens). • Test the picture quality for pixels, colour, contrast and 	<p>The screen shows no sign of screen burn or image persistence.</p> <p>The picture is sharp and not too dark, and there are no damaged pixels. Number and position of dead pixels do not affect normal use.</p>

Topic	Test	Acceptable test result
	brightness. The picture should not be 'fuzzy' or too dark. Colours, brightness, hue and straightness of lines should be considered.	Backlighting is working. The result of software based diagnostic testing is positive.
Recommended additional criteria		
Market value	Evaluate market value and market demand for the specific equipment. Evaluate the technology of the equipment compared to new equipment/technology.	There is a market demand for the equipment. The technology of the equipment is not obsolete.
Dust, dirt and hygiene status	Check exterior cabinet for dirt, labels etc. Check internal components for dust etc., including ventilation fans, grilles, circuit boards etc.	The product interior and exterior is clean and without dust and dirt that can affect the functionality.

Mobile phones and tablets

This guideline specifies the process for test of functionality of mobile phones, camera phones, smartphones, tablets and chargers and which hazardous substances to be particularly aware of in connection with this type of equipment.

Different types of software can be used to test the functionality of internal components. Battery testing equipment might be needed. It is recommended to use approved and/or certified tools to ensure data eradication.



Examples of non-functional mobile phones: missing battery and cover (left), damaged keyboard (mid) and broken screen (right).

Topic	Test	Acceptable test result
Evaluation for the presence of hazardous substances		
Hazardous substances	<p>Check the equipment for the presence of hazardous substances and evaluate the risk of damage to the environment if the equipment is exported for reuse.</p> <p>It is recommended to evaluate the equipment against the restrictions in the RoHS directive.</p> <p>Mobile devices of newer production date will normally be RoHS compliant.</p>	<p>The presence of hazardous substances has been evaluated, including the risk of damage to the environment if the equipment is exported for reuse.</p> <p>In general it is not recommended to export products that are not RoHS compliant out of OECD.</p>
Test of functionality		
Components necessary for functionality	<p>Visually check that all components are present and without damage and wear that can affect functionality:</p> <ul style="list-style-type: none"> • Housing and covers • Screen (check for breaks and scratches) • Battery if (if available without dismantling the equipment, check for bulking/extensions indicating battery failure). • Switches • Input sockets • Charger and cord (if present) 	<p>Components necessary for normal use are present and without damage that will hinder functionality.</p>
Safety	<p>Visually check power cord, plug and insulation for damage.</p> <p>Check that any replacement chargers have the same output characteristics and allow the mobile phone and charger together to conform to all relevant regulatory requirements.</p>	<p>Complete and intact without damage.</p> <p>Charger meets specification as original.</p>
Test of functionality	<p>Software based diagnostic tools to test display devices are readily available, and should be used to check flat panels for dead and frozen pixels.</p> <p>Battery test:</p> <ul style="list-style-type: none"> • The battery should be charged (by charger or using commercial charging and measuring equipment) and tested with a voltmeter to determine whether the battery is functional and holds an appropriate charge. 	<p>Battery is appropriate for phone and fits housing correctly.</p> <p>The battery accepts and holds a charge for a minimum of 1 hour and operates correctly under usage.</p> <p>Battery does not overheat.</p>

Topic	Test	Acceptable test result
	Screen test: <ul style="list-style-type: none"> • Check that the screen display is visible. The picture should not be 'fuzzy' or too dark. Colours, brightness, hue and straightness of lines should be considered. 	The screen lights up showing the various functions.
	Ringing test: <ul style="list-style-type: none"> • Test that the phone can make and receive calls. 	A ringing tone is heard.
	Keyboard test: <ul style="list-style-type: none"> • Test the keypad and touch the screen to check that all keys and all areas of the touch screen are working. 	The keypad and touch screen respond to input.
	Vibration test: <ul style="list-style-type: none"> • Switch the phone to vibrate and check the mobile to detect this function. 	The phone vibrates.
	Microphone test: <ul style="list-style-type: none"> • Test the microphone and speaker. 	The microphone and earpiece/speaker are working.
Recommended additional criteria		
Data eradication	Data stored by previous users of the equipment must be deleted permanently using approved/certified data eradication software.	No user data is contained within the device.
Provider lock	Remove SIM card lock and insert SIM cards from different network operators. Turn on the phone and check network connection.	The phone locates networks from different network operators. It is not recommended to export used mobile phones that are locked to only one network.
Factory reset	Check that the phone is returned to the factory reset mode and personal data has been removed.	All options returned to factory settings including removing jailbreak software.
Market value	Evaluate market value and market demand for the specific equipment. Evaluate the technology of the equipment compared to new equipment/technology.	There is a market demand for the equipment. The technology of the equipment is not obsolete.
Dust, dirt and hygiene status	Check exterior cabinet for dirt, labels etc. Check internal components for dust etc., including ventilation fans, grilles, circuit boards etc.	The equipment interior and exterior is clean and without dust and dirt that can affect the functionality.

General guideline for test of functionality and evaluation of the presence of hazardous substances

Specific functionality criteria and test procedures should be developed for every type of product. Such specific criteria should be based on the following general criteria.

Topic	Test	Acceptable test result
Evaluation for the presence of hazardous substances		
Hazardous substances	<p>Check the equipment for the presence of hazardous substances and evaluate the risk of damage to the environment if the equipment is exported for reuse.</p> <p>It is recommended to evaluate the product against the restrictions in the RoHS directive.</p>	<p>The presence of hazardous substances has been evaluated, including the risk of damage to the environment if the equipment is exported for reuse.</p> <p>In general it is not recommended to export products that are not RoHS-compliant out of OECD.</p>
Test of functionality		
Components necessary for functionality	<p>Visually check that all components are present and without damage, corrosion or serious signs of wear that will affect the functionality:</p> <ul style="list-style-type: none"> • Cabinet, housing and covers • Displays and screen (if present) • Switches • Input and output sockets • Signal and power cords and plugs • Batteries and battery compartment (if present) • Other components necessary for functionality 	Components necessary for normal use are present and without damage that will hinder functionality.
Safety	Visually check power cord, plug and insulation.	Complete and intact without damage.
	Perform an insulation resistance test.	Insulation resistance > 2,0 Mohm.
Test of functionality	<p>Start up the equipment and perform a test of all relevant functions.</p> <p>As an exporter, you should develop performance criteria for the specific equipment type based on this guidance.</p>	Equipment performs as intended and according to specified criteria.
Recommended additional criteria		
Data eradication	If the equipment contains personal data storage media, data stored by previous users must be deleted permanently using approved/certified data eradication software.	No user data is contained within the device.
Market value	Evaluate market value and market demand for the specific equipment.	There is a market demand for the equipment.
	Evaluate the technology of the equipment compared to new equipment/technology.	The technology of the equipment is not obsolete.
Dust, dirt and hygiene status	<p>Check exterior cabinet for dirt, labels etc.</p> <p>Check internal components for dust etc., including ventilation fans, grilles, circuit board etc.</p>	The product interior and exterior is clean and without dust and dirt that can affect the functionality.

Further reading

Title	Description and reference
Waste Act 646/2011	Legal requirement for waste in Finland: http://www.finlex.fi/fi/laki/kaannokset/2011/en20110646.pdf
Valtioneuvoston asetus sähkö- ja elektroniikkalaiteromusta 519/2014	Legal requirement for WEEE in Finland: http://www.finlex.fi/fi/laki/ajantasa/2014/20140519?search%5Btype%5D=pika&search%5Bpika%5D=s%C3%A4hk%C3%B6-%20ja%20elektroniikkalaiteromu
Finnish Environment Institute; Transfrontier shipments of waste	Information on transfrontier shipments of waste in Finland: http://www.environment.fi/tfs
Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), annex IV	Legal requirement for shipment of used EEE for reuse: http://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:197:0038:0071:en:PDF
Regulation (EC) No 1013/2006 on shipments of waste	Legal requirements for shipment of waste: http://ec.europa.eu/environment/waste/shipments/legis.htm
EU correspondent guidelines No 1 on shipments of WEEE	EU guidance on shipments of WEEE: http://ec.europa.eu/environment/waste/shipments/pdf/correspondents_guidelines_en.pdf
RoHS-directive 2011/65/EU	Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment: http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32011L0065&from=EN

Appendix 1

List of prohibited refrigerants

Non-exhaustive list.

CFC-compounds	HCFC-compounds
R11	R21
R12	R22
R13	R123
R113	R124
R114	R142b
R115	R401a
R500	R401b
R501	R402a
R502	R402b
R503	R403a
	R403b
	R406a
	R408a
	R409a
	R409b
	R411B

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