

## Tariff and appliance list

Valid from 1 January 2023



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## 01. Official ARF tariff and appliance list for SENS equipment

ARF tariff category	Weight category (goods declaration weight)	Advance recycling fee (ARF), excluding 7.7% VAT
100090	< 0.250 kg	CHF 0.185
100100	≥ 0.250 kg to < 5 kg	CHF 0.56
100110	≥ 5 kg to < 15 kg	CHF 2.31
100120	≥ 15 kg to < 25 kg	CHF 5.56
100200	≥ 25 kg to < 70 kg	CHF 10.00
100210	≥ 70 kg to ≤ 250 kg	CHF 18.52

### Batteries

Batteries are taken into consideration in the ARF tariff for a sales unit. Loose batteries must be settled directly with Inobat.

### Barbecues with electric starter

Always to be reported under category 100090.

### Fitness equipment

Fitness equipment of ≥ 5 kilograms generally have an ARF of CHF 0.56 (100100).

### Safes and gun cabinets

Safes and gun cabinets up to a total weight of 25 kilograms need to be declared. Starting at 25 kilograms, all disposal costs must be paid by the person disposing of the goods.

### Shower toilets and WC terminals, massage chairs and beds

The motor must be declared.

### Textiles and shoes with lights

Shoes and clothes with lights and batteries do not have to be registered with SENS.

### Electrically powered vehicles

Electrically powered vehicles (e.g. e-bikes, segways, e-scooter or similar) must be registered directly with Inobat. The declaration must be made in categories 8810x at INOBAT.

INOBAT coordinates the transfer of the VRG and VEG directly with SENS.

### Note: please register all appliances from category 88100 with Inobat.

Inobat coordinates the payment of ARFs and ADFs directly with SENS.

### Lamps with batteries

Battery-powered lamps must be declared as category 70050x



### Explanations regarding prices and validity of ARF tariffs

- Responsibility for the ARF tariff and appliance list, including price suggestions, lies with the ARF Commission.
- Every sector is represented by its own representatives in the ARF Commission. Membership details can be found at [www.eRecycling.ch](http://www.eRecycling.ch). Should you have any enquiries, please contact SENS or your representatives.
- Please send requests for changes to the ARF tariffs directly to the SENS Head Office or your industry representative in the ARF Committee. The Commission will discuss the proposals at its spring or autumn meeting.
- Each of the ARF tariffs is valid for one year.

### Further explanations regarding the tariff list

- Goods declaration weight = net weight, including operating accessories, without special accessories. A maximum of two accessories can be declared.
- ARFs are payable on all equipment with electronic and/or electrical components and which falls within the equipment groups shown, irrespective of whether or not it is used for commercial purposes.
- ARFs are payable on both warranty and replacement parts from 1 January 2011.
- Demonstration appliances that are not currently and will never be for sale are not subject to ARFs.
- Equipment earmarked for export is exempt from ARFs subject to verification that it has actually been exported.

### Valid for appliances with electrical and/or electronic components (plugs or batteries for household appliances and other appliance groups and lamps) of the following products:

Alarms and security and monitoring equipment

e.g. alarm systems, sirens, horns, [all types of motion sensors](#), fire detectors, random generators, dimmer switches, doorbells, fingerprint scanners, door openers, monitoring systems, electric door locks, light controllers, lasers, simulators

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General household and kitchen equipment

e.g. equipment for ironing, sewing, cutting, pressing, mixing, chopping, kneading and cooling, thermoelectric wine coolers and coolers without compressors

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Domestic pet items



e.g. grooming accessories, feeders, clippers, toys, aquarium and terrarium accessories, access flaps, electric fence chargers

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### **Building technology**

e.g. radiators, direct-air heaters, thermal storage heaters, heat-wave lamps, hot-air ventilators, electric fireplaces, convectors, generators, compressors, electrical water boilers, room thermostats, ventilation and air-conditioning equipment, fuse boxes with all fuses, charging stations for electric cars (mobile and fixed stations), [wall box chargers for electric cars](#), [payment stations for household appliances](#)

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### **Hoisting, towing, pumping, weighing and load-transporting equipment**

e.g. winches, hoisting gear, laser spirit levels, water pumps, transport rollers

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### **Garden and property-maintenance equipment**

e.g. decalcification equipment, shredders, mowers, pumps, trimmers, scarifiers, snow ploughs, controllers for sprinkler systems and swimming pools, water features with pumps, electric starters for petrol-driven equipment

Appliances with batteries in this category may come under the heading of power tools.

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### **Equipment for the production, preparation, conversion or measurement of electrical energy or compressed air**

e.g. chargers, converters, ballast units (for the production, preparation or conversion of electrical energy or compressed air), transformers, all kinds of measuring devices, vacuum chambers, power bank with additional function (light, etc.)

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### **Devices for producing and processing materials**

e.g. tools for drilling, milling, riveting, welding, nailing, sawing, polishing and grinding, as well as 3-D printers for producing tools

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### **Cleaning and waste disposal equipment**

e.g. suction systems, pipe and drain cleaning systems, steam cleaners, air purifiers, filter systems, sterilisation equipment, high-pressure cleaners, descaling appliances

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### **Barbecues**

e.g. garden barbecues, table-top barbecues, raclette and pizza ovens, electric barbecues, [barbecues with electric starter](#)

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### **Coffee machines**

e.g. espresso makers, filter machines, fully automated systems

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### **Miscellaneous small devices**

e.g. weather stations, thermometers, wall and table clocks, alarm clocks, animal deterrent and insect abatement systems, ground moisture sensor equipment

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### **Cooking and baking equipment**

e.g. ovens, extractor hoods, vents, air-recirculating systems, cookers, steamers, grills

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### **Medical devices, body analysis devices**

e.g. blood pressure measuring devices, bathroom scales, thermometers, pain therapy devices, cycle measuring devices, alcohol tester

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### **Body care, haircare, nail care and hygiene equipment**

e.g. hairdryers, tanning equipment, shavers, sauna equipment, curlers, light curing devices for nails, manicure and pedicure items, massage devices, trimmers, epilators, waxing devices, disinfection dispenser with sensor, [hand dryers](#)

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### **Sports, leisure and fitness equipment (excluding fitness equipment heavier than 5 kg)**

e.g. heart-rate monitors, wristwatches, GPS equipment, distance meters, fit systems, avalanche search equipment, shoe heaters, child seats that play music, e-cigarettes, functional drones (not assembly kits), Multiplex FunJet, whirlpools and shower toilets (motor and control only), infrared cabins, heating blankets, alarm boxes for motorbikes and bicycles, massage chair and bed motors, all types of controls, [golf accessories](#)

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### **Vacuum cleaners and floor-cleaning equipment**

e.g. multifunctional vacuum cleaners, manually operated sweepers, wet-and-dry vacuum cleaners, cleaning machines with and without batteries

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### **Washing, drying and steam treatment**

e.g. washing machines, tumble dryers, spin dryers, fully automatic washing machines

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### **Sex toys**

e.g. massage wands, vibrators

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**The product list is not exhaustive.**



## 02. Official ARF tariff and appliance list for refrigeration, air-conditioning, freezing and room-air treatment units with compressors

Equipment measuring up to: height + width + depth ≤ 420 centimetres

ARF tariff category	Weight category (goods declaration weight)	Advance recycling fee (ARF), excluding 7.7% VAT
100300	< 25 kg	CHF 9.26
100310	≥ 25 kg to < 100 kg	CHF 26.00
100320	≥ 100 kg to < 250 kg	CHF 46.30
100330	≥ 250 kg	CHF 55.56

### Regulations for refrigerator display cabinets and free-standing refrigeration cabinets

- **Refrigerator display cabinets** are definitely excluded from the ARF financing solution and disposal of these appliances is always subject to a charge.
- Not all **free-standing refrigeration cabinets** can be charged via the ARF. The following criteria will be applied:  
Very large appliances are excluded: total mass (length + width + height) ≤ 4.2 m.

### Explanations regarding prices and validity of ARF tariffs

- Responsibility for the ARF tariff and appliance list, including price suggestions, lies with the Swiss ARF Commission.
- Every sector is represented by its own representatives in the ARF Commission. Membership details can be found at [www.eRecycling.ch](http://www.eRecycling.ch). Should you have any enquiries, please contact SENS or your representatives.
- Please send requests for changes to the ARF tariffs directly to the SENS Head Office or your industry representative in the ARF Committee. The Commission will discuss the proposals at its spring or autumn meeting.
- Each of the ARF tariffs is valid for one year.



### Further explanations regarding the tariff list

- Goods declaration weight = net weight, including operating accessories, without special accessories. A maximum of two accessories can be declared.
- ARFs are payable on all equipment with electronic and/or electrical components and which falls within the equipment groups shown, irrespective of whether or not it is used for commercial purposes.
- ARFs are payable on both warranty and replacement parts from 1 January 2011.
- Demonstration appliances that are not currently and will never be for sale are not subject to ARFs.
- Equipment earmarked for export is exempt from ARFs subject to verification that it has actually been exported.

**Applicable to equipment with electrical and/or electronic components (plugs or batteries for household appliances and lamps) in the following product groups:**

#### **Automatic flake-ice dispensers, ice-cube makers, ice-cream makers**

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#### **Freezer appliances, upright freezers and deep-freeze appliances, chest freezers and deep-freeze appliances**

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#### **Chilled beverage dispensers**

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#### **Solid, commercial refrigeration appliances**

e.g. commercial chillers, commercial refrigerators, upright models, commercial refrigerated islands and gondolas

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#### **Air-Conditioning units**

e.g. air-conditioning units – interior, exterior, mobile, for caravans, split air-conditioning units with compressors

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#### **Cool boxes with compressors, gas-powered refrigerators**

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#### **Coolers, refrigerators, food centres**

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#### **Room-air treatment units with compressors**

e.g. dehumidifiers, room-air clothes dryers

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**Heat pump dryers and tumble dryers with compressors**

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**Wine chillers, wine refrigerators**

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**Other compressor equipment for refrigeration or air-conditioning**

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**Steam irons and cleaning systems**

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**The product list is not exhaustive.**



## 03. Official ARF tariff and appliance list for lamps with and without batteries, and lighting equipment

### ARF on lamps and lighting equipment

Tariff category for lamps	Per piece	Advance recycling fee (ARF), excluding 7.7% VAT
700180		CHF 0.18

Tariff category for lighting equipment	Per piece	Advance recycling fee (ARF), excluding 7.7% VAT
700200		CHF 0.16

### ADF and ARF for lamps with batteries

ARF tariff category Lamps with batteries	Weight category (goods declaration weight with battery)	Advance recycling fee (ADF and ARF), excluding 7.7% VAT
700500	< 0.250 kg	CHF 0.25
700501	≥ 0.250 kg < 2 kg	CHF 0.70
700502	≥2 to <5 kg	CHF 0.75
700503	≥5 kg	CHF 2.63

### Definition of lamps

A lamp is a self-contained device that serves exclusively as lighting equipment and that can form a minimal functional unit in combination with an associated control unit. Separable elements such as mounting rails, mounting components, power rails, suspension structures, secondary reflectors and candelabras are not constituent parts of lamps.



## 04. Official ADFe tariff and appliance list for torches and head torches

### ADF on torches and head torches

\* The weight of the torch **without** batteries determines the weight category and thus the advanced disposal fee.

Tariff category	Weight category for torches*	Advance disposal fee (ADF), excluding 7.7% VAT
320090	< 0.250 kg	CHF 0.20
320100	≥ 0.250 kg	CHF 0.40

### Notes

- Tariffs have been set following negotiations with Inobat, taking the current ADF tariff for batteries into account, and are valid for one year, provided that the relevant authority does not amend the ordinance on the ADF for batteries.
- Contractual partners registering torches directly with Inobat are excluded from the obligation to register with SENS.
- Torches continue to be exempt from the ARF.



## 05. Official ARF tariff and appliance list for power tools and garden appliances, including battery-powered robots

### ADF and ARF on power tools and battery-powered robots

**Without batteries, these devices are reported in the SENS appliance category 01.**

ARF tariff category	Weight category for power tools, including battery	Advance disposal and recycling fee (ADF and ARF), excluding 7.7% VAT
310090	< 0.250 kg	CHF 0.49
310095	≥ 0.250 kg < 2 kg	CHF 1.46
310100	≥ 2 kg < 5 kg	CHF 2.16
310110	≥ 5 kg < 15 kg	CHF 5.51
310120	≥ 15 kg	CHF 10.38

### Explanations regarding prices and validity of ARF tariffs

- Responsibility for the ARF tariff and appliance list, including price suggestions, lies with the Swiss ARF Commission.
- Every sector is represented by its own representatives in the ARF Commission. Membership details can be found at [www.eRecycling.ch](http://www.eRecycling.ch). Should you have any enquiries, please contact SENS or your representatives.
- Please send requests for changes to the ARF tariffs directly to the SENS Head Office or your industry representative in the ARF Committee. The Commission will discuss the proposals at its spring or autumn meeting.
- Each of the ARF tariffs is valid for one year.



### Further explanations regarding the tariff list

- Goods declaration weight = net weight, including operating accessories, without special accessories. A maximum of two accessories can be declared.
- ARFs are payable on all equipment with electronic and/or electrical components and which falls within the equipment groups shown, irrespective of whether or not it is used for commercial purposes.
- ARFs are payable on both warranty and replacement parts from 1 January 2011.
- Demonstration appliances that are not currently and will never be for sale are not subject to ARFs.
- Equipment earmarked for export is exempt from ARFs subject to verification that it has actually been exported.

**Applicable to equipment with electrical and/or electronic components (lithium batteries) in the following equipment groups:**

#### **Tools for machining materials and measuring equipment with batteries**

e.g. tools for drilling, milling, riveting, welding, nailing, sawing, polishing and grinding, portable measuring devices, lawnmowers

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#### **Robots**

e.g. robotic vacuum cleaners and lawn mowing robots and other auxiliary robots

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**The product list is not exhaustive.**



## 06. Official ADF tariff and appliance list for replacement batteries for power tools and robots

### ADF on loose batteries (replacement batteries of power tools only)

Tariff category	Weight category for loose power-tool batteries	Advance disposal fee (ADF), excluding 7.7% VAT
390090	< 0.250 kg	CHF 0.25
390100	≥ 0.250 kg < 0.750 kg	CHF 0.80
390110	≥ 0.750 kg < 5 kg	CHF 1.60
390120	≥ 5 kg ≤ 15 kg	CHF 9.60

#### Notes

- Tariffs have been set following negotiations with Inobat, taking the current ADF tariff for batteries into account, and are valid for one year, provided that the relevant authority does not amend the ordinance on the ADF for batteries.



## 07. Official ARF tariff and appliance list for toys and games

### ARF appliance list:

- A listed appliance is only subject to an ARF if it contains an electrical or electronic component.
- Drones sold as assembly kits are considered toys.

### Tariff category according to warehouse stocking price (See below for definition of warehouse stocking price)

ARF tariff category	Warehouse stocking price	Advance recycling fee (ARF), excluding 7.7% VAT
400110	Exemption limit up to CHF 19.99	exempt
400120	CHF 20.00 to CHF 59.99	CHF 0.46
400130	From CHF 60.00	CHF 0.46
400150	Organs and vehicles with a warehouse stocking price of CHF 200 and over	CHF 0.46
400160	Video consoles (hardware only; no ARF on memory cards and video games) not including PlayStation and Xbox	CHF 0.46

### Warehouse stocking price

- Purchase price adjusted for currency, plus freight, customs, insurance, and further surcharges and discounts applicable prior to delivery to the warehouse (corresponds to the classic calculation of the cost price).

**The product list is not exhaustive.**



### **Explanations regarding prices and validity of ARF tariffs**

- Responsibility for the ARF tariff and appliance list, including price suggestions, lies with the Swiss Toys and Games Association.
- Every sector is represented by its own representatives in the ARF Commission. Membership details can be found at [www.eRecycling.ch](http://www.eRecycling.ch). Should you have any enquiries, please contact SENS or your representatives.
- Please send requests for changes to the ARF tariffs directly to the SENS Head Office or your industry representative in the ARF Committee. The Commission will discuss the proposals at its spring or autumn meeting.
- Each of the ARF tariffs is valid for one year.

### **Further explanations regarding the tariff list**

- ARFs are payable on all equipment with electronic and/or electrical components and which falls within the equipment groups shown, irrespective of whether or not it is used for commercial purposes.
- ARFs are payable on both warranty and replacement parts from 1 January 2011.
- Demonstration appliances that are not currently and will never be for sale are not subject to ARFs.
- Equipment earmarked for export is exempt from ARFs subject to verification that it has actually been exported.





## 08. Official ARF tariff and appliance list for photovoltaic modules and their components

### ARF on photovoltaic modules and their components

ARF tariff category	Photovoltaic modules, including components (power inverters, switch elements, control systems, etc.)	Advance recycling fee (ARF), excluding 7.7% VAT
600110	per kg	CHF 0.04

#### Solar power storage units

Solar power storage units must be registered directly with Inobat.

### Explanations regarding prices and validity of ARF tariffs

- Responsibility for the ARF tariff and appliance list, including pricing suggestions, rests with Swissolar, and the list is compiled in cooperation with SENS.
- Every sector is represented by its own representatives in the ARF Commission. Membership details can be found at [www.eRecycling.ch](http://www.eRecycling.ch). Should you have any enquiries, please contact SENS or your representatives.
- Please send proposals concerning ARF tariffs directly to SENS or your representative in the ARF Commission. The Commission will discuss the proposals at its spring or autumn meeting.
- Each of the ARF tariffs is valid for one year.

### Further explanations regarding the tariff list

- ARFs are payable on all equipment with electronic and/or electrical components and which falls within the equipment groups shown, irrespective of whether or not it is used for commercial purposes.
- ARFs are payable on both warranty and replacement parts from 1 January 2011.
- Demonstration appliances that are not currently and will never be for sale are not subject to ARFs.
- Equipment earmarked for export is exempt from ARFs subject to verification that it has actually been exported.

## 09. Official ARF tariff and appliance list for shelving systems

### ADF and ARF on electronic shelving systems (price tags)

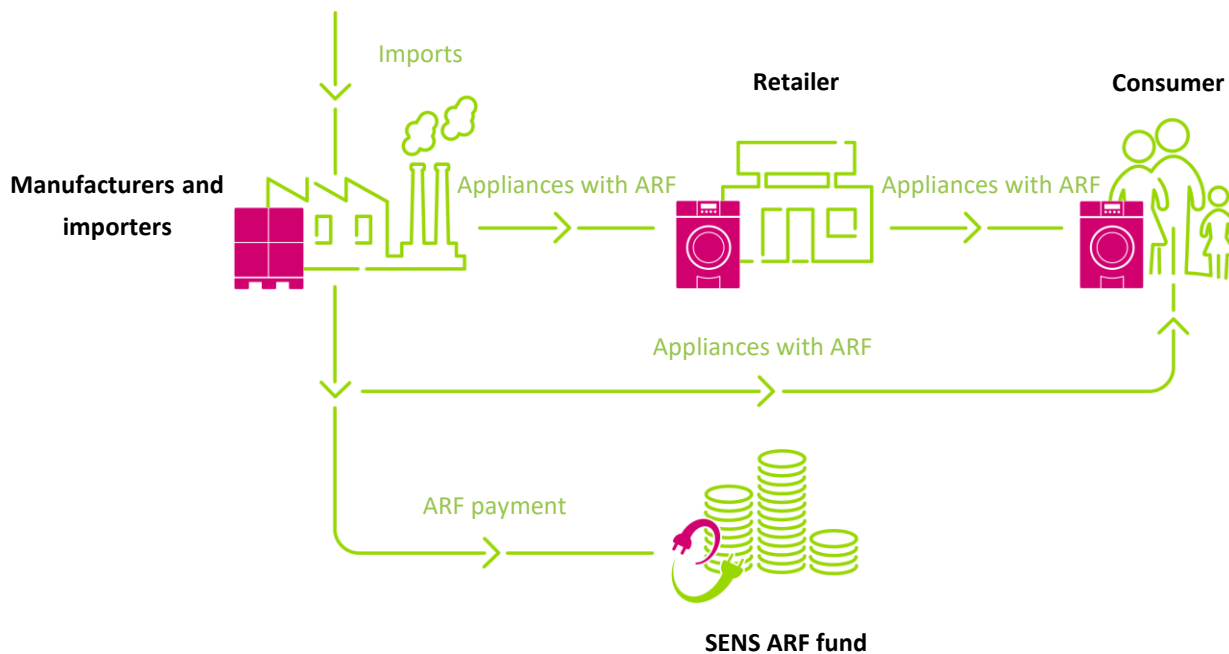
ARF tariff category	Size/type	Advance disposal and recycling fee (ADF and ARF), excluding 7.7% VAT
350050	All sizes, types	CHF 0.185

#### Notes

- Tariffs have been set following negotiations with Inobat, taking the current ADF tariff for batteries into account, and are valid for one year, provided that the relevant authority does not amend the ordinance on the ADF for batteries.

## 10. Declaration obligation

In principle, the producer or importer pays the ARF to SENS as the initial distributor. Any delegation of the declaration obligation is only possible in exceptional cases (e.g. own brands). The prior approval of SENS is mandatory and only valid with their permission. The respective form from SENS must be signed by both partners. Any cases of double reporting will result in an unscheduled inspection.



### 10.1. Pricing transparency for the ARF

The manufacturers and importers calculate the ARF according to the above tariff categories; the fee is transferred to the retailer.

The retailer passes the ARF on to its customers.

Please note the Ordinance of 11 December 1978 on Price Indication (*Verordnung vom 11. Dezember 1978 über die Bekanntgabe von Preisen – PBV*; Price Indication Ordinance – PIO); SR 942.211.

The new instructions for 2019 can be found at

<http://www.seco.admin.ch>



## 11. Sample invoice as recommended by the SENS Foundation

### Importer to retailer

Item No.	Item description	Quantity	Unit price CHF	Total CHF
35689	Microwave	1	79.35	79.35
	Advance recycling fee (ARF)	1	0.56	0.56

Total invoice amount 79.90

VAT of 7.7% 6.15

**Total including ARF and VAT 86.05**

### Retailer to consumer

Item No.	Item description	Quantity	Unit price CHF	Total CHF
35689	Microwave	1	86.05	86.05

**Total invoice amount including ARF and VAT 86.05**

**If you have any issues and/or questions concerning the appliance list, or proposals regarding the amount or application of the ARF, you have the option to intercede. You can contact the following people:**

The SENS Foundation  
 Susan Morrone (ARF)  
 Tel. +41 43 255 20 06  
 E-mail [susan.morrone@sens.ch](mailto:susan.morrone@sens.ch)

Or your representative in the ARF Committee: [www.erecycling.ch/sens](http://www.erecycling.ch/sens)