



## **Climate Change (Emissions Trading Scheme) Amendment Regulations 2018**

Patsy Reddy, Governor-General

### **Order in Council**

At Wellington this 24th day of September 2018

Present:

Her Excellency the Governor-General in Council

These regulations are made under sections 163, 168, 233, 245, and 246 of the Climate Change Response Act 2002—

- (a) on the advice and with the consent of the Executive Council; and
- (b) for Parts 1 and 2 of these regulations, on the recommendation of the Minister for Climate Change tendered after—
  - (i) having had regard to New Zealand's international obligations (if any) in respect of the collection of data and information relating to, and the measurement of, emissions and removals from the relevant activity; and
  - (ii) having complied with the requirements specified in section 166 of that Act; and
- (c) for Part 3 of these regulations, on the recommendation of the Minister for Climate Change tendered after—
  - (i) having had regard to New Zealand's international obligations relating to synthetic greenhouse gases; and
  - (ii) having taken into account the matters listed in section 233(6) of that Act; and
  - (iii) having complied with the requirements specified in section 247 of that Act.

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## Regulations

### 1 Title

These regulations are the Climate Change (Emissions Trading Scheme) Amendment Regulations 2018.

### 2 Commencement

- (1) Regulations 4 and 8 are deemed to have come into force on 1 January 2018.
- (2) The rest of these regulations come into force on 1 January 2019.

## Part 1

### Amendments to Climate Change (Other Removal Activities) Regulations 2009

#### 3 Amendments to Climate Change (Other Removal Activities) Regulations 2009

This Part amends the Climate Change (Other Removal Activities) Regulations 2009.

#### 4 Regulations 7D to 7F and cross-heading above regulation 7D revoked

Revoke regulations 7D to 7F and the cross-heading above regulation 7D.

#### 5 New regulations 7D to 7F and cross-heading inserted

After regulation 7C, insert:

*Production of liquid carbon dioxide for export*

#### 7D Application of regulations 7E and 7F

A person must comply with regulations 7E and 7F if—

- (a) the person, in any year, is a participant under section 54(1)(b) of the Act in relation to an embedding activity; and
- (b) the embedding activity carried out by the person is producing liquid carbon dioxide that is exported.

#### 7E Collection of information for purpose of calculating removals from producing liquid carbon dioxide for export

Information must be collected about—

- (a) the total number of tonnes of liquid carbon dioxide exported in that year that was produced by the person; and
- (b) if the person wishes to submit a return for a period other than a year under section 66 of the Act, the total number of tonnes of liquid carbon dioxide exported in the other period that was produced by the person.

**7F Method of calculating removals by exporting liquid carbon dioxide**

Removals in relation to liquid carbon dioxide exported by the person in the year or other period covered by an emissions return must be calculated in accordance with the following formula:

$$R = A \times 1$$

where—

- A is the total number of tonnes of liquid carbon dioxide produced by the person covered by the emissions return, as recorded under regulation 7E
- R is the removals in tonnes from the exportation of liquid carbon dioxide for the year or other return period covered by the emissions return.

**Part 2**

**Amendments to Climate Change (Stationary Energy and Industrial Processes) Regulations 2009**

**6 Amendments to Climate Change (Stationary Energy and Industrial Processes) Regulations 2009**

This Part amends the Climate Change (Stationary Energy and Industrial Processes) Regulations 2009.

**7 Schedule 2 amended**

- (1) In Schedule 2, table 7, replace the item relating to used tyres with:

Used tyres	61.13	tCO <sub>2</sub> e/TJ
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- (2) In Schedule 2, replace table 10 with:

**Table 10**  
**Mining or purchasing natural gas**

Class	Emissions factor	Unit
Cheal	57.71	tCO <sub>2</sub> e/TJ
Kapuni	53.40	tCO <sub>2</sub> e/TJ
Kapuni LTS	85.19	tCO <sub>2</sub> e/TJ
Kowhai	53.55	tCO <sub>2</sub> e/TJ
Kupe	53.28	tCO <sub>2</sub> e/TJ
Maari	53.48	tCO <sub>2</sub> e/TJ
McKee	54.46	tCO <sub>2</sub> e/TJ
Mangahewa	54.73	tCO <sub>2</sub> e/TJ
Mauī	52.32	tCO <sub>2</sub> e/TJ
Ngatoro–Kaimiro	54.59	tCO <sub>2</sub> e/TJ
Pohokura	54.40	tCO <sub>2</sub> e/TJ
Rimū/Kauri	52.03	tCO <sub>2</sub> e/TJ
Sidewinder	52.89	tCO <sub>2</sub> e/TJ

Class	Emissions factor	Unit
Turangi	55.02	tCO <sub>2</sub> e/TJ
Waihapa	57.26	tCO <sub>2</sub> e/TJ
National average	53.96	tCO <sub>2</sub> e/TJ

#### 8 Schedule 2A amended

In Schedule 2A, table 2, replace the item relating to R448A with the item set out in Schedule 1 of these regulations.

### Part 3

## Amendments to Climate Change (Synthetic Greenhouse Gas Levies) Regulations 2013

#### 9 Amendments to Climate Change (Synthetic Greenhouse Gas Levies) Regulations 2013

This Part amends the Climate Change (Synthetic Greenhouse Gas Levies) Regulations 2013.

#### 10 Regulation 10 replaced (Price of carbon)

Replace regulation 10 with:

#### 10 Price of carbon

The price of carbon for the 2019 levy year is \$19.88, as determined by applying the methodology in regulation 9.

#### 11 Schedule 1 amended

In Schedule 1, seventh column, replace the amounts set out in the first column of the following table with the amounts set out in the second column:

Current levy rate (excl GST) (\$)	New levy rate (excl GST) (\$)
12.63	17.06
12.63	17.06
12.63	17.06
16.85	22.74
84.23	113.71
12.63	17.06
16.85	22.74
16.85	22.74

#### 12 Schedule 2 replaced

Replace Schedule 2 with the Schedule 2 set out in Schedule 2 of these regulations.

**Schedule 1**  
**Schedule 2A amended**

r 8

Class	HFC-23	HFC-32	HFC-125	HFC-134a	HFC-143a	HFC-152a	PFC-218	Other gas	GWP figure for class
R448A		26%	26%	21%				27%	1387

## Schedule 2 Schedule 2 replaced

r 12

### Schedule 2 Goods levy schedule

In this schedule, in relation to the classes described under headings 1 to 7 and 18, **air-conditioning machines** includes air-conditioning machines in which humidity cannot be separately regulated.

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
1 <i>Air-conditioning units (household and small commercial window- or wall-mounted heat pumps)</i>						rr 5-8, 11
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing R32, single-phase, and of cooling capacity less than or equal to 4 kW	8415.10.10 01F	Per item	R32	675	0.800	10.74
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing HFC134A, single-phase, and of cooling capacity less than or equal to 4 kW	8415.10.10 03B	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing R410A, single-phase, and of cooling capacity less than or equal to 4 kW	8415.10.10 05J	Per item	R410A	2090	1.000	41.55
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing R410A, single-phase, and of cooling capacity less than or equal to 4 kW	8415.10.10 09A	Per item	R32	675	1.200	16.10

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
humidity, window or wall types, self-contained or split-system, containing R32, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.10.10 11C	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing HFC134A, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.10.10 13K	Per item	R410A	2090	1.500	62.32
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing R410A, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.10.10 22J	Per item	R32	675	2.000	26.84
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing R32, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8415.10.10 23G	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing HFC134A, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8415.10.10 24E	Per item	R410A	2090	2.500	103.87



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Schedule 2

<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
cooling capacity greater than 7 kW and less than or equal to 10 kW						
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing R32, single-phase, and of cooling capacity greater than 10 kW	8415.10.10 27K	Per item	R32	675	2.800	37.57
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing HFC134A, single-phase, and of cooling capacity greater than 10 kW	8415.10.10 28H	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing R410A, single-phase, and of cooling capacity greater than 10 kW	8415.10.10 32F	Per item	R410A	2090	3.500	145.42
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, containing R410A, single-phase, and of cooling capacity greater than 10 kW	8415.10.10 34B	Per kg of specified SGG contained in item	R32	675	Actual amount	13.42
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, three-phase, and containing R32	8415.10.10 36J	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, three-phase, and containing HFC-134a	8415.10.10 37G	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, three-phase, and containing R410A	8415.10.10 40G	Per kg of specified SGG contained in item	R32	675	0	13.42

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
humidity, window or wall types, self-contained or split-system, three-phase, and containing R32	8415.10.10 42C	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, window or wall types, self-contained or split-system, other than single- or three-phase, and containing HFC-134a	8415.10.10 44K	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55
2 <i>Air-conditioning units for installing in vehicles (not including those already installed in vehicles)</i>	8415.20.00 10C	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
3 <i>Air-conditioning units (household and small commercial heat pumps)</i>	8415.81.00 01L	Per item	R32	675	0.800	10.74
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R32, single-phase, and of cooling capacity less than or equal to 4 kW	8415.81.00 03G	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for						

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<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
reversal of the cooling/heat cycle (reversible heat pumps), containing HFC134A, single-phase, and of cooling capacity less than or equal to 4 kW	8415.81.00 05C	Per item	R410A	2090	1.000	41.55
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R410A, single-phase, and of cooling capacity less than or equal to 4 kW	8415.81.00 09F	Per item	R32	675	1.200	16.10
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R32, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.81.00 11H	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing HFC134A, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.81.00 12F	Per item	R410A	2090	1.500	62.32

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<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R410A, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.81.00 23A	Per item	R32	675	2.000	26.84
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R32, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8415.81.00 24K	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing HFC134A, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8415.81.00 26F	Per item	R410A	2090	2.500	103.87
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R410A, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW						

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<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R32, single-phase, and of cooling capacity greater than 10 kW	8415.81.00 28B	Per item	R32	675	2.800	37.57
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing HFC134A, single-phase, and of cooling capacity greater than 10 kW	8415.81.00 32L	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R410A, single-phase, and of cooling capacity greater than 10 kW	8415.81.00 33J	Per item	R410A	2090	3.500	145.42
<b>4</b> <i>Air-conditioning units (large commercial and industrial reversible heat pumps)</i>						
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R32, single-phase, and of cooling capacity greater than 10 kW	8415.81.00 36C	Per kg of specified SGG contained in item	R32	675	Actual amount	13.42

<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), three-phase, and containing HFC-134a	8415.81.00 37A	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), three-phase, and containing R410A	8415.81.00 38K	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), three-phase, and containing R32	8415.81.00 42H	Per kg of specified SGG contained in item	R32	675	0	13.42
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), three-phase, and containing R410A or three-phase	8415.81.00 44D	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing HFC-134a, and other than single- or three-phase	8415.81.00 46L	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
humidity (other than air-conditioning machines described in classes covered under headings 1 and 2), incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps), containing R410A, and other than single- or three-phase						
5 <i>Air-conditioning units (household and small commercial heat pumps, not covered under headings 1 to 4)</i>						
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R32, single-phase, and of cooling capacity less than or equal to 4 kW	8415.82.10 01L	Per item	R32	675	0.800	10.74
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing HFC134A, single-phase, and of cooling capacity less than or equal to 4 kW	8415.82.10 03G	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing HFC134A, single-phase, and of cooling capacity less than or equal to 4 kW	8415.82.10 05C	Per item	R410A	2090	1.000	41.55
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R410A, single-phase, and of cooling capacity less than or equal to 4 kW	8415.82.10 09F	Per item	R32	675	1.200	16.10

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R32, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.82.10 11H	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing HFC134A, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.82.10 12F	Per item	R410A	2090	1.500	62.32
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R410A, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8415.82.10 23A	Per item	R32	675	2.000	26.84
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R32, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8415.82.10 24K	Per item	HFC134a	1430	0	Nil



Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing HFC134A, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8415.82.10 26F	Per item	R410A	2090	2.500	103.87
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R410A, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8415.82.10 28B	Per item	R32	675	2.800	37.57
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R32, single-phase, and of cooling capacity greater than 10 kW	8415.82.10 32L	Per item	HFC134a	1430	0	Nil
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing HFC134A, single-phase, and of cooling capacity greater than 10 kW	8415.82.10 33J	Per item	R410A	2090	3.500	145.42

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
humidity (other than air-conditioning machines described in classes covered under headings 1 to 4), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R410A, single-phase, and of cooling capacity greater than 10 kW						
6 <i>Air-conditioning units (large commercial and industrial heat pumps not covered under headings 1 to 5)</i>						
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 5), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), three-phase, and containing R32	8415.82.10 36C	Per kg of specified SGG contained in item	R32	675	Actual amount	13.42
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 5), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), three-phase, and containing HFC-134a	8415.82.10 37A	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 5), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), three-phase, and containing R410A	8415.82.10 38K	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 5), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), three-phase, and containing R410A	8415.82.10 52E	Per kg of specified SGG contained in item	R32	675	Actual amount	13.42

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<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), three-phase, and containing R32, and other than single or three-phase						
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 5), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing HFC-134a, and other than single- or three-phase	8415.82.10 53C	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity (other than air-conditioning machines described in classes covered under headings 1 to 5), incorporating a refrigerating unit (but no valve for reversal of the cooling/heat cycle), containing R410A, and other than single- or three-phase	8415.82.10 54A	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55
<b>7</b> <i>Air-conditioning unit parts (for all types of household, commercial, and industrial heat pumps)</i>						
Parts (containing R32) for air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity	8415.90.00 11G	Per kg of specified SGG contained in item	R32	675	Actual amount	13.42
Parts (containing HFC134A) for air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity	8415.90.00 17F	Per kg of specified SGG contained in item	HFC134a	1430	0	Nil
Parts (containing R410A) for air-conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity	8415.90.00 21D	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55
<b>8</b> <i>Combined refrigerator-freezers</i>						
Combined refrigerator-freezers fitted with separate external doors, and containing HFC-134a,	8418.10.00 10D	Per item	HFC-134a	1430	0.100	2.84

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<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
compression type, less than 200 litres gross internal capacity						
Combined refrigerator-freezers fitted with separate external doors, and containing HFC-134a, compression type, 200 litres and over but less than 300 litres gross internal capacity	8418.10.00 13J	Per item	HFC-134a	1430	0.110	3.13
Combined refrigerator-freezers fitted with separate external doors, and containing HFC-134a, compression type, 300 litres and over but less than 400 litres gross internal capacity	8418.10.00 17A	Per item	HFC-134a	1430	0.120	3.41
Combined refrigerator-freezers, fitted with separate external doors, and containing HFC-134a, compression type, 400 litres and over but less than 500 litres gross internal capacity	8418.10.00 20A	Per item	HFC-134a	1430	0.130	3.70
Combined refrigerator-freezers fitted with separate external doors, and containing HFC-134a, compression type, 500 litres and over gross internal capacity	8418.10.00 23F	Per item	HFC-134a	1430	0.150	4.26
Combined refrigerator-freezers fitted with separate external doors, and containing HFC-134a, non-compression type and non-absorption type	8418.10.00 49K	Per item	HFC-134a	1430	0.150	4.26
<i>Refrigerators (household)</i>						
Refrigerators for household use, compression type, and containing HFC-134a, less than 200 litres gross internal capacity	8418.21.00 10B	Per item	HFC-134a	1430	0.070	1.99
Refrigerators for household use, compression type, and containing HFC-134a, 200 litres and over but less than 300 litres gross internal capacity	8418.21.00 13G	Per item	HFC-134a	1430	0.090	2.56
Refrigerators for household use, compression type, and containing HFC-134a, 300 litres and over but less than 400 litres gross internal capacity	8418.21.00 15C	Per item	HFC-134a	1430	0.100	2.84

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Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
Refrigerators for household use, compression type, and containing HFC-134a, 400 litres and over but less than 500 litres gross internal capacity	8418.21.00 17K	Per item	HFC-134a	1430	0.110	3.13
Refrigerators for household use, compression type, and containing HFC-134a, 500 litres and over gross internal capacity	8418.21.00 19F	Per item	HFC-134a	1430	0.130	3.70
<i>Chest freezers</i>						
Freezers of the chest type, less than 300 litres capacity, and containing HFC-134a	8418.30.00 10A	Per item	HFC-134a	1430	0.140	3.98
Freezers of the chest type, over 300 litres but less than 800 litres capacity, and containing HFC-134a	8418.30.00 19E	Per item	HFC-134a	1430	0.180	5.12
<i>Upright freezers</i>						
Freezers of the upright type, less than 200 litres capacity, and containing HFC-134a	8418.40.00 10E	Per item	HFC-134a	1430	0.080	2.27
Freezers of the upright type, over 200 litres but less than 900 litres capacity, and containing HFC-134a	8418.40.00 19J	Per item	HFC-134a	1430	0.110	3.13
<i>Refrigerating units (such as commercial display cooling and freezing equipment)</i>						
Display cooling units incorporating refrigerating equipment and containing HFC-134a	8418.50.00 13C	Per item	HFC-134a	1430	0.400	11.37
Furniture incorporating refrigerating equipment (such as chests, cabinets, display counters, showcases) other than display cooling units, and containing HFC-134a	8418.50.00 19B	Per item	HFC-134a	1430	0.400	11.37
Display cooling units incorporating refrigerating equipment containing R404A	8418.50.00 21D	Per item	R404A	3922	0.600	46.78
Display freezing units incorporating freezing equipment and containing R404A	8418.50.00 61C	Per item	R404A	3922	0.600	46.78
Furniture incorporating refrigerating equipment (such as chests, cabinets, display counters, showcases) other than display cooling units, and containing R404A	8418.50.00 29K	Per item	R404A	3922	0.600	46.78

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<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
Display freezing units incorporating freezing equipment and containing HFC-134a	51F	Per item	HFC-134a	1430	0.400	11.37
Furniture incorporating freezing equipment (such as chests, cabinets, display counters, showcases) other than display freezing units, and containing HFC-134a	8418.50.00 59A	Per item	HFC-134a	1430	0.400	11.37
Furniture incorporating freezing equipment (such as chests, cabinets, display counters, showcases) other than display freezing units, and containing R404A	8418.50.00 69J	Per item	R404A	3922	0.600	46.78
<b>13 Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)</b>						
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R32, single-phase, and of cooling capacity less than or equal to 4 kW	8418.61.00 01H	Per item	R32	675	0.800	10.74
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R410A, single-phase, and of cooling capacity less than or equal to 4 kW	8418.61.00 02F	Per item	R410A	2090	1.000	41.55
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R32, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8418.61.00 04B	Per item	R32	675	1.200	16.10
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R410A, single-phase, and of cooling capacity greater than 4 kW and less than or equal to 7 kW	8418.61.00 05L	Per item	R410A	2090	1.500	62.32
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R32, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8418.61.00 07G	Per item	R32	675	2.000	26.84

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R410A, single-phase, and of cooling capacity greater than 7 kW and less than or equal to 10 kW	8418.61.00 08E	Per item	R410A	2090	2.500	103.87
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R32, single-phase, and of cooling capacity greater than 10 kW	8418.61.00 16F	Per item	R32	675	2.800	37.57
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R410A, single-phase, and of cooling capacity greater than 10 kW	8418.61.00 18B	Per item	R410A	2090	3.500	145.42
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) three-phase, and containing R32	8418.61.00 24G	Per kg of specified SGG contained in item	R32	675	Actual amount	13.42
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) three-phase, and containing HFC-134a	8418.61.00 25E	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) three-phase, and containing R410A	8418.61.00 26C	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R32, and other than single-or-three-phase	8418.61.00 34D	Per kg of specified SGG contained in item	R32	675	Actual amount	13.42
Heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7) containing R410A2, and other than single- or three-phase	8418.61.00 36L	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55

<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
14 Refrigerating units (water coolers, ice or ice-cream makers, refrigerated transport units, and other commercial cooling and freezing equipment not expressly covered in classes covered under headings 1 to 13)						
Ice-cream-making and other edible ice-making machines containing HFC-134a	8418.69.00 15D	Per item	HFC-134a	1430	0.300	8.53
Ice-cream-making and other edible ice-making machines containing R404A	8418.69.00 17L	Per item	R404A	3922	0.300	23.39
Refrigeration equipment containing HFC-134a (other than air-conditioning machines described in classes covered under headings 1 to 13) and suitable for use solely or principally with motor vehicles for the transport of goods, trailers and semi-trailers for the transport of goods, railway or tramway coaches, goods vans and wagons, and marine vessels for the transport of goods	8418.69.00 23E	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Refrigeration equipment containing R404A (other than air-conditioning machines described in classes covered under headings 8 to 13) and suitable for use solely or principally with motor vehicles for the transport of goods, trailers and semi-trailers for the transport of goods, railway or tramway coaches, goods vans and wagons, and marine vessels for the transport of goods	8418.69.00 25A	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
Water coolers containing HFC134A not exceeding 200 g	8418.69.00 41C	Per item	HFC134a	1430	0.05	1.42
Water coolers containing HFC134A containing more than 200 g	8418.69.00 43K	Per kg of specified SGG contained in item	HFC134a	1430	Actual amount	28.43
Water coolers containing R410A	8418.69.00 45F	Per kg of specified SGG contained in item	R410A	2090	Actual amount	41.55



Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
Water coolers containing R407f	8418.69.47B	Per kg of specified SGG contained in item	R407f	1825	Actual amount	36.28
Refrigerating or freezing equipment (other than refrigerating or freezing equipment described in other classes under this heading) that contains HFC-134a (other than air-conditioning machines described in classes covered under headings 1 to 13)	8418.69.00 31F	Per item	HFC-134a	1430	0.400	11.37
Refrigerating or freezing equipment (other than refrigerating or freezing equipment described in other classes under this heading) that contains R404A (other than air-conditioning machines described in classes covered under headings 1 to 13)	8418.69.00 33B	Per item	R404A	3922	0.600	46.78
<b>15 Parts for refrigerating or freezing units (charged with refrigerant for all types of household and commercial equipment) and some heat pumps</b>						
Parts containing HFC-134a for refrigerating or freezing units	8418.99.00 11B	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Parts containing R404A for refrigerating or freezing units	8418.99.00 31G	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
Parts containing HFC-134a for refrigerating or freezing units that are evaporators and condensers	8418.99.00 37F	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Parts containing R404A for refrigerating or freezing units that are evaporators and condensers	8418.99.00 39B	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
Parts containing HFC-134a for refrigerating or freezing equipment (other than parts described in other classes covered under this heading) or heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)	8418.99.00 45G	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43

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Parts containing R404A for refrigerating or freezing equipment (other than parts described in other classes covered under this heading) or heat pumps (other than air-conditioning machines described in classes covered under headings 1 to 7)	8418.99.00 47C	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
<b>16 Refrigerated beverage-vending machines</b>						
Refrigerated beverage-vending machines containing HFC-134a	8476.21.00 10K	Per item	HFC-134a	1430	0.200	5.69
Refrigerated beverage-vending machines containing R404A	8476.21.00 15L	Per item	R404A	3922	0.200	15.59
Automatic goods-vending machines (other than refrigerated beverage-vending machines) containing HFC-134a	8476.81.00 10A	Per item	HFC-134a	1430	0.200	5.69
Automatic goods-vending machines (other than refrigerated beverage-vending machines) containing R404A	8476.81.00 15B	Per item	R404A	3922	0.200	15.59
<b>17 Dehumidifiers</b>						
Dehumidifiers containing HFC-134a	8479.89.00 45E	Per item	HFC-134a	1430	0.150	4.26
<b>18 Refrigerated containers, vehicles, trailers, tankers, and vessels</b>						
Refrigerated containers for use with road, rail, plane, or shipping transport, and that contain HFC-134a	8609.00.09 10A	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Refrigerated containers for use with road, rail, plane, or shipping transport, and that contain R404A	8609.00.09 15B	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
Air-conditioning machines containing HFC-134a that are in refrigerated trucks other than in the driving cabs	8704.21.50 10J 8704.21.50 13C 8704.21.80 10E 8704.21.80 13K	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
	8704.22.11 10H					
	8704.22.11 13B					
	8704.22.19 10J					
	8704.22.19 13C					
	8704.23.09 10H					
	8704.23.09 13B					28.43
	8704.31.50 10B					
	8704.31.50 13G					
	8704.31.80 10J					
	8704.31.80 13C					
	8704.32.11 10A					
	8704.32.11 13F					
	8704.32.19 10B					
	8704.32.19 13G					
	8704.90.12 10L					
	8704.90.12 13E					
	8704.90.21 10K					
	8704.90.21 13D					
	8704.90.29 10L					
	8704.90.29 13E					
Air-conditioning machines containing R404A that are in refrigerated trucks other than in the driving cabs	8704.21.50 15K	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
	8704.21.50 17F					
	8704.21.80 15F					
	8704.21.80 17B					
	8704.22.11 15J					

Class of leviable goods	Tariff item	Unit of measurement	Specified SGG	GWP	SGG content (kg)	Levy rate (excl GST) (\$)
	8704.22.11 17E					
	8704.22.19 15K					
	8704.22.19 17F					
	8704.23.09 15J					
	8704.23.09 17E					
	8704.31.50 15C					
	8704.31.50 17K					
	8704.31.80 15K					
	8704.31.80 17F					
	8704.32.11 15B					
	8704.32.11 17J					
	8704.32.19 15C					
	8704.32.19 17K					
	8704.90.12 15A					
	8704.90.12 17H					
	8704.90.21 15L					
	8704.90.21 17G					
	8704.90.29 15A					
	8704.90.29 17H					
Air-conditioning machines containing HFC-134a that are in refrigerated vans other than in the driving cabs	8704.21.50 23L	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
	8704.21.50 25G					
	8704.31.50 23D					
	8704.31.50 25L					
	8704.90.12 23B					
	8704.90.12 25J					

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Air-conditioning machines containing R404A that are in refrigerated vans other than in the driving cabs	8704.21.50 27C	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
	8704.21.50 29K					
	8704.31.50 27G					
	8704.31.50 29C					
	8704.90.12 27E					
Refrigerated semi-trailers (the load-bearing portion of articulated motor vehicles) for the transport of goods, and containing HFC-134a	8704.90.12 29A	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
	8716.31.01 10E					
Refrigerated trailers for the transport of goods, and containing HFC-134a	8716.39.01 10A	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
	8716.31.09 10F					
Refrigerated semi-trailers (the load-bearing portion of articulated motor vehicles) for the transport of goods, and containing R404A	8716.39.09 10B	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
	8716.31.01 13K					
Refrigerated trailers for the transport of goods, and containing R404A	8716.39.01 13F	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
	8716.31.09 13L					
Aeroplanes and other aircraft (containing HFC-134a) of an unladen weight less than or equal to 2 000 kg	8716.39.09 13G	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
	8802.20.00 10G					
Aeroplanes and other aircraft (containing HFC-134a) of an unladen weight greater than 2 000 kg and less than or equal to 15 000 kg	8802.30.00 10L	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
	8802.40.00 10D					
Refrigerated tankers (ship) containing HFC-134a	8901.20.00 10E	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43

<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
Refrigerated tankers (ship) containing R404A	8901.20.00 13K	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
Refrigerated ships (other than tankers) containing HFC-134a	8901.30.01 10E 8901.30.09 10F	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Refrigerated ships (other than tankers) containing R404A	8901.30.01 15F 8901.30.09 15G	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
Trawlers and other fishing vessels containing HFC-134a	8902.00.01 10B 8902.00.09 10C 8902.00.09 23E 8902.00.19 10J	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Trawlers and other fishing vessels containing R404A	8902.00.01 13G 8902.00.09 15D 8902.00.09 25A 8902.00.19 13C	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
Factory ships and other ships used for processing or preserving fishery products and containing HFC-134a	8902.00.01 21H 8902.00.09 31F 8902.00.19 21D	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Factory ships and other ships used for processing or preserving fishery products and containing R404A	8902.00.01 25L 8902.00.09 35J 8902.00.19 25G	Per kg of specified SGG contained in item	R404A	3922	Actual amount	77.97
19 <i>Polyurethanes</i> Polyurethanes containing HFC-245fa	3909.50.09 10A	Per kg of item	HFC-245fa	1030	Actual amount	20.48

<b>Class of leviable goods</b>	<b>Tariff item</b>	<b>Unit of measurement</b>	<b>Specified SGG</b>	<b>GWP</b>	<b>SGG content (kg)</b>	<b>Levy rate (excl GST) (\$)</b>
20 <i>Fire extinguishers</i>						
Fire extinguishers containing HFC-227ea	8424.10.00 10J	Per kg of specified SGG contained in item	HFC-227ea	2900	Actual amount	57.65
21 <i>Industrial ink-jet printing machines</i>						
Industrial ink-jet printing machines containing HFC-134a that are covered by the Information Technology Agreement of the World Trade Organization, as expanded by the Ministerial Declaration on the Expansion of Trade in Information Technology Products agreed in Nairobi on 16 December 2015 (ITA 2)	8443.32.05 10C	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43
Industrial ink-jet printing machines containing HFC-134a (other than those covered by ITA 2)	8443.32.10 10G	Per kg of specified SGG contained in item	HFC-134a	1430	Actual amount	28.43

Michael Webster,  
Clerk of the Executive Council.

## Explanatory note

*This note is not part of the regulations, but is intended to indicate their general effect.*

These regulations make changes to 3 sets of regulations made under the Climate Change Response Act 1992 (the **Act**) to update and clarify certain matters underpinning New Zealand's emissions trading scheme.

*Part 1 (regulations 3 to 5)* amends the Climate Change (Other Removal Activities) Regulations 2009. The amendments—

- revoke regulations 7D to 7F, which prescribe requirements in relation to collecting information about, and calculating removals of, natural gasoline. The amendment is deemed to have come into force on 1 January 2018 (as contemplated by section 163(3) of the Act);
- insert *new regulations 7D to 7F*, which come into force on 1 January 2019, and prescribe requirements in relation to collecting information about, and calculating removals of, liquid carbon dioxide.

*Part 2 (regulations 6 to 8)* amends the Climate Change (Stationary Energy and Industrial Processes) Regulations 2009. The amendments—

- update the default emissions factors prescribed in table 7 of Schedule 2 for combusting used tyres for energy (see *regulation 7(1)*);
- replace table 10 of Schedule 2, which relates to the emissions factors for gas fields, to reflect changes in greenhouse gas emissions associated with natural gas use (see *regulation 7(2)*);
- increase the global warming potential figure prescribed in table 2 of Schedule 2A for R448A (see *regulation 8*).

The amendments in *regulation 7* come into force on 1 January 2019 and the amendment in *regulation 8* is deemed to have come into force on 1 January 2018 (as contemplated by section 163(3) of the Act).

*Part 3*, which comes into force on 1 January 2019, amends the Climate Change (Synthetic Greenhouse Gas Levies) Regulations 2013, which relate to the synthetic greenhouse gas levy imposed by section 227 of the Act. The amendments—

- replace regulation 10, which specifies the price of carbon, to specify the price for the 2019 levy year; and
- update Schedule 1, which prescribes levy rates for leviable motor vehicles, to prescribe new levy rates; and
- replace Schedule 2, which prescribes levy rates for leviable goods, to prescribe new levy rates and expand the class of leviable goods specified in item 14 to include water coolers containing synthetic greenhouse gas HFC134a to ensure



that imports of these goods are consistent with the emissions pricing of other imports of goods containing synthetic greenhouse gases.

### **Regulatory impact assessment**

The Ministry for the Environment produced a regulatory impact assessment on 7 September 2018 to help inform the decisions taken by the Government relating to the contents of this instrument.

A copy of this regulatory impact assessment can be found at <http://www.mfe.govt.nz/climate-change/new-zealand-emissions-trading-scheme/legislative-and-regulatory-changes/regulatory-7>

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These regulations are administered by the Ministry for the Environment.